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The Applus+ Group believe in acting responsibly to generate value in our business operations and within society. This direction drives improvements in our economic performance, helps build trust in our teams, brings direct and indirect benefits to society and increases the trust held by stakeholders and investors.

Our people

To develop our workforce, we focus on training, retaining and attracting highly TALENTED PROFESSIONALS, as well as fostering a DIVERSE, INCLUSIVE AND SAFE ENVIRONMENT, based on equal opportunities for our people.

Our Group currently has a workforce of 23,051 professionals, distributed across more than 70 countries. Our divisions comprise men and women with a broad diversity of nationalities, cultures, religions and ages.

We are developing specific plans to promote diversity, inclusion and equality addressed to women, people with different abilities and ethnic groups. In 2019, we approved the Applus+ Diversity and Equality Policy to establish the principles assumed by the Group to be inclusive.

We are convinced that talented individuals are the key to long-term sustainability and competitiveness. To support this in 2019, we drew up 137 development plans for individual personnel from the Group's managers in 26 countries, including more than 406 actions. For managers with high potential, the first group of Applus+ managers graduated from the Global Management Development Programme (GMDP) in 2019, and a fresh intake of 29 managers from across the Group joined the second edition of the programme later in 2019. As a consequence of recognising talent, we filled approximately 77.5% of all available management position internally.

Employment engagement was also one of our key areas of focus in 2019. To improve and increase the satisfaction and commitment of our employees, we continued to implement and follow-up the action plans designed after analyzing the outcomes of our last employee satisfaction survey.

In 2019, we reduced our accidents rate by almost 10%, and reduced the severity by 26% rate as a result of reinforcing our best practices in occupational health and safety, and increasing activities to raise awareness throughout the Group, such as the annual Safety Day, specific periodic campaigns, sharing of lessons learned, safety award campaigns, etc.

Stakeholder engagement

To deliver value for our stakeholders, we maintain a continuous DIALOGUE WITH OUR STAKEHOLDERS, which enables the Group to align our business model and sustainability initiatives to their requirements.

During 2019, the Group continued to strengthen communication channels with all of our stakeholders to inform on our global outlook and address their local expectations.

We develop our social action within the local communities where we operate, and promote the autonomy for our local teams to implement specific social-action programmes. The high percentage of local employees (86%) and products or services purchased locally (90%) highlight our commitment to the local communities.

In addition to local workforces, communities benefit from our innovation activity through a wide range of projects for developing infrastructures, which contribute to the local, sustainable socio-economic growth within the places the Group operates.

We maintain regular and continual dialogue with our clients at all levels, and periodically survey them on their satisfaction to improve our services through their feedback.

To spread our values in local supply chains and with partners, we require companies to adhere to our Code of Ethics and to follow the Applus+ Group’s principles in their behaviour every day, wherever they are in the world.

We set up annual corporate-governance road shows to maintain the constructive dialogue held with institutional investors and proxy advisors, in line with our Policie for Communication and Contacts with Shareholders, Institutional Investors and Proxy Advisors. In 2019, the Group’s executives attended 242 meetings and conference calls with investors, at 24 conferences and roadshows, as well as on an ad-hoc basis.

Corporate governance and Business ethics

Integrity, transparency, impartiality and independence are the key principles to GOVERN our Group’s management and decision making.

In 2019, the diversity of the Group’s Board of Directors increased. Throughout 2019, eight Directors out of ten were independent, 30% were women and the average age was 63.4.

Applus+ has implemented a Compliance Management System for Criminal Risks (CMS) to detect and mitigate possible criminal offences. In 2019, we have focused our efforts globally on ensuring that the CMS policies are effectively implemented across all of the four divisions and regions.

Our Code of Ethics was updated in 2019, which adapted the policy to the requirements of the new European General Data Protection Regulation (GDPR), and included the new policies approved throughout 2018. One hundred percent of our employees were trained in 2019 on the Code of Ethics and Global Anti-corruption Policy.

In 2019, our Ethics and Compliance communication channel received 107 notifications. Out of these, ninety-one were opened for further investigation into potential breaches, of which sixty-two were closed in 2019; and twenty-four breached the Code of Ethics and CMS-Policies, resulting in some type of correction or disciplinary action.

Innovation

INNOVATIVE solutions for our clients is fundamental to the Applus+ Group’s purpose, as are technological advances in TIC processes for more sustainable, safe and environmental-friendly products or industry processes.

We continue to increase our investment and efforts in innovation to create technologies that promote safety and quality of life in our society, as well as reduce the carbon footprint.

Applus+ has continued working on initiatives to develop digital technologies and services, in line with the demands of our markets. To coordinate the Group’s implementation of digital technologies, we have established a corporate unit to integrate the digital transformation and lay the foundations for the changes we can deliver in our sectors.

In 2019, we carried out 200 innovation projects that addressed various sustainability goals, with 881 employees involved and devoting about 367,103 working hours. Our innovation process also led to 98 accumulated patents granted by the end of 2019.

Sustainable performance

The Group’s sustainable performance is driven by a focus on preventing and minimising the potential impacts on CLIMATE CHANGE AND THE ENVIRONMENT caused by our operations, as well as focusing on the services we provide to reduce or mitigate our clients’ impacts.

We aim for reductions in our energy and water consumption, as well as our GHG emissions, through specific actions, such as efficient lighting in offices, mobility plans, electric vehicles in our fleet and water reuse at our facilities. In 2019, we have started to offset CO₂ emissions of our business trips by flight. We embed these actions and sustainable behaviours by deploying new awareness campaigns to engage employees on sustainable practices in their day-to-day work.

In 2019, we reduced our water consumption by 7%, and our electricity consumption decreased on a measure-for-measure basis by 3%. Our energy intensity rate was 38.8 GJ/Na. employees and our intensity of GHG emissions was 2.97 tCO₂/Na. employees.

We adapt and extend our services progressively to meet the needs of our clients for the challenges of climate change. For the first time, in 2019 we report the Scope 3 GHG emissions related to business trips by aeroplane, train and taxi, employees commuting and power distribution network. In 2019, we signed an agreement with a group of airline companies to offset the GHG emissions produced by Spanish employees’ business trips by aeroplane.

We have been included into the FTSE4Good IBEX index, and we are rated by CDP (formerly known as Carbon Disclosure Project) with a score of B.
Letter from the Chairman and the CEO

Christopher Cole
Chairman of the Board of Directors

We begin our CSR Report for 2019 with an overview of how the Group’s goals for sustainability and responsibility are inherent to the company’s growth strategy. The strategy is delivered through leadership, innovation and technology, and trusted partnerships.

The Group’s CSR policy underlines Applus+ as a leading TIC company at which our people work with integrity, transparency, impartiality, independence and responsibility. These values are central to the Group’s revised Code of Ethics for 2019, and they guide our teams’ approach and practice every day to be trusted partners. Advances in technology play a key role in sustainable growth, and the Group dedicated 367,103 working-hours to innovation activities that help deliver the quality, safety and security of products, processes and assets in many industry sectors. In the wider economy, the Group’s technical know-how contributes to mitigating the impacts of climate change and energy-transition by delivering TIC expertise across the energy, power and other sectors.

Building on prior years, the Group’s strategic priorities for sustainability and responsibility have been delivered under the CSR Policy’s five pillars. The policies are formulated within the framework of the UN Global Compact and nine of the SDGs adopted by Applus+. The strategic priorities directly address our People, Stakeholder Engagement, Sustainable Performance, Corporate Governance and Business Ethics, and Innovation.

For our people’s progress, the Group’s Leadership Programme has delivered more than 400 actions in 26 countries, and the second Global Management Development Programme (GMDP) has started. This follows the inaugural graduation of the first 29 managers in 2019 to mark their success. To develop the skills and careers of our professionals across the Group, our workforce completed more than 800,000 training hours, and we actioned 645 actions devised from our employee-engagement programmes in 2019 and previous years.

We are committed to the safety and wellbeing of all people involved in our business, and we believe all accidents at work are preventable, however minor. This has resulted in the Group having a low injury rate overall, recording a 10% reduction in our total recordable accidents rate for the third year and equating to 20 fewer people becoming injured.

With eighty-six percent of our professionals employed locally, the Group continued to prioritise programmes for diversity, inclusion and equality through training and monitoring across our businesses. This local and diverse workforce has also allowed our people to champion issues in their communities covering a wide range of social, action and inclusion programmes. In 2019, our people in some Divisions participated in Earth Day to raise awareness of environmental issues. The Earth Day movement heralded the original Clean Air Act in the USA, under which legislative framework the Group now delivers independent vehicle- emissions testing in different US states, with station equipment and remote technology developed by Applus+ engineers, as well inspection services of oil and gas pipelines to reduce the incidents of leaks, explosions and other environmental catastrophes. We plan to increase the work we do even further to reduce the Group’s environmental impacts in 2020.

A local presence and global vision also spreads sustainability practices, so we are pleased to have joined the FTSE4Good IBEX index to bring this outlook to where our businesses operate, and in equal measure, to be rated ‘B’ with CDP (previously known as the Carbon Disclosure Project). These milestones mark a reinforcement in the focus by the company to improve on measuring and reducing the Group’s energy consumption and emissions. To push for more in the coming years, the company’s plans will set specific targets for reductions in emissions and consumption within our operations.

For the Group’s strategic priorities for sustainability in the wider economy, innovation has continued to create and apply new advances that reduce environmental and social impacts in clients’ operations. Our TIC services have introduced more sustainable and secure procedures through new digital inspection and mapping methods in energy markets and related sectors.

In renewable energy, low-carbon energy transition is presenting the Group with expansion opportunities for technical services at new solar parks and wind farms. For sustainable and safe progress in the automotive sector, next-generation eco-engines and advanced driver-systems are pushing our teams to innovate equipment and methodologies for homologation and TIC services. The Group’s collaboration in the aerospace sector also continued in 2019, supporting different projects for new applications of composite materials to improve aerodynamics and reduce fuel use. In developing economies, our expertise in environmental management and energy efficiency has assisted public authorities and private companies to meet their sustainability and social impact goals. Across the Group’s market sectors, the transition to a sustainable, low-carbon economy has demonstrated new opportunities to outweigh the risk going forward.

To develop risk management for the businesses at Applus+, in 2019 the Group launched a new Policy on Risk Management, and initiated new plans to monitor and manage emerging risks including cybersecurity. The CSR Committee also continued to implement the Compliance Management System for Criminal Risk across the Group to safeguard against public and private corruption. As in the previous year, the company continued to train 100% of new employees in our Global Anti-corruption Policy and Code of Ethics; with further training planned across the Group in 2020.

In 2019, the Board also welcomed greater diversity in skills, age and gender, as we reached the 2020 goal for women appointments to the Board one year earlier than planned. This accompanies the diversity of the professionals and vocations across the Applus+ Group’s teams, and we close with a special acknowledgement for their hard work to deliver our TIC services responsibly.

We will continue with our efforts to make progress in our contributions for a more sustainable, diverse and inclusive world and work. The leadership for this progress comes from us on the Board, and we will make our best efforts to provide support for our people’s dedication and development. The trust and the continued support from our shareholders, customers and other stakeholders is also key to making this happen.
**The Applus+ Group** is a leading global Testing, Inspection and Certification (TIC) company. We provide innovative TIC services to national and multi-national companies on all continents. With a highly-skilled workforce, our engineers and technicians deploy technological know-how and advanced processes across a diverse range of industry sectors. We enhance the quality and safety of our clients’ assets, infrastructure and products while safeguarding their operations.

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### Energy & Industry Division

**Core Services:**
- Inspection
- Non-destructive testing
- Engineering and consulting
- Certification services
- Supervision, Quality Assurance and Quality Control
- Testing and analysis
- Vendor surveillance

**Principal Industries:** Oil and gas, power, telecommunications, construction, mining and aerospace.

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### Laboratories Division

**Core Services:**
- Inspection
- Non-destructive testing
- Engineering and consulting
- Certification services
- Supervision, Quality Assurance and Quality Control
- Testing and analysis
- Vendor surveillance

**Principal Industries:** Aerospace, automotive, electronics, construction and information technology.

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### Automotive Division

**Core Services:**
- Statutory vehicle inspections for government programmes
- Driver-testing inspections
- Public-service vehicle inspections
- Off-leasing vehicle inspections
- Vehicle condition, emission and registration inspection
- Road-safety education

**Principal Industries:** Government and public transport agencies.

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### Idiada Division

**Core Services:**
- Testing and engineering services
- Worldwide homologation and product certification
- Proving ground
- Design services

**Principal Industries:** Automotive.

**Idiada A.T., 80% owned by Applus+ and 20% by the Government of Catalonia** has been operating under an exclusive contract at the 351-hectare technology centre near Barcelona (leased by the Government of Catalonia since 1959). The contract runs until 2026 and is renewable in five-year periods until 2049.

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### Our divisions

**Revenue**

<table>
<thead>
<tr>
<th>Division</th>
<th>Employees</th>
<th>Revenue (€M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy &amp; Industry Division</td>
<td>1,059</td>
<td></td>
</tr>
<tr>
<td>Laboratories Division</td>
<td>93</td>
<td></td>
</tr>
<tr>
<td>Automotive Division</td>
<td>385</td>
<td></td>
</tr>
<tr>
<td>Idiada Division</td>
<td>240</td>
<td></td>
</tr>
</tbody>
</table>

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**Employees**

<table>
<thead>
<tr>
<th>Division</th>
<th>Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy &amp; Industry Division</td>
<td>14,641</td>
</tr>
<tr>
<td>Laboratories Division</td>
<td>1,079</td>
</tr>
<tr>
<td>Automotive Division</td>
<td>4,555</td>
</tr>
<tr>
<td>Idiada Division</td>
<td>2,776</td>
</tr>
</tbody>
</table>

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**Key Performance Indicators**

- **Total revenue:** €1,778M
- **Countries:** 70+
- **Employees:** 23,051
- **Training hours /employee:** 35
- **Effective compliance ratio to CNMV’s code recommendations:** 89%
- **Ethics non-compliance notifications:** 107
- **GHG emissions intensity:** 2.97 t CO₂ eq / Employee
- **Water consumption intensity:** 0.03 Ml / Employee
- **Hours invested on innovation:** 367,103

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**Capital and Shareholder structure**

- **River & Mercantile Group P.L.C:** 5.0%
- **Threadneedle Asset Management Limited:** 5.0%
- **Norges Bank:** 5.0%
- **DWS Investment S.A.:** 3.5%

*Shareholders with more than 3.0% according to figures notified to the CNMV on 31st December 2019.*
Global presence

Total revenue by industry

- Automotive testing and engineering: 14%
- Oil and Gas Capex: 9%
- Asia Pacific: 25%
- Latin America: 11%
- Oil and Gas Opex: 13%
- Power: 5%
- Construction: 3%
- Others: 9%
- Aerospace: 9%
- Statutory Vehicle Inspection: 22%
- Others: 11%

Total revenue by region

- Spain: 23%
- Latin America: 19%
- Europe (excluding Spain): 13%
- Middle East & Africa: 11%
- US and Canada: 9%
- Asia Pacific: 5%

Employees by region

- Spain: 7,801
- Latin America: 5,166
- Europe (excluding Spain): 3,339
- Middle East & Africa: 2,647
- US and Canada: 2,340
- Asia Pacific: 1,758
Applus+ develops our approach to sustainability within the Group’s overall business strategy and aligned with the company’s mission, vision and values.

**MISSION**
Our mission is to help society to mitigate risk, evaluating the quality and safety of products, assets and operations.

**VISION**
We aim to become a world leader in our chosen markets giving our customers the best technical solutions and service.

**VALUES**
- Integrity
- Transparency
- Impartiality and independence
- Responsibility
Innovation and Technology: Offer the best technical solutions

- Target investment in proprietary technology and know-how
- Deliver technical solutions to reduce risk more efficiently for our clients and the public
- Innovate TIC practices by working with global companies, government legislators and industry associations

Trusted Partner: Build long-term relationships

- Nurture long-term relationships and Master Service Agreements with blue-chip clients
- Provide essential and regulatory-driven mission-critical services cost effectively

Leadership: Be market leaders in our verticals

- Testing, inspection, certification in chosen key geographies and market sectors
- Inspection and NDT mission-critical services for oil, gas and power end-markets
- Statutory vehicle inspection across Europe and the Americas
- Automotive proving grounds, homologation services and passive-safety testing facilities
- Laboratory testing and metrology services in Spain and other geographies

Progress requires supervision. Our clients require mission-critical services delivered with integrity and impartiality and choose Applus+ as a leading TIC company to support the advances they make. To maintain leadership in our verticals, the Group prioritises investments in innovation and proprietary technology, which improve our clients’ safety and operating efficiencies. Our focus to strengthen this leadership drives our reputation to be a trusted partner for private companies, public entities and regulatory bodies.

Group strategy

THREE-YEAR TARGETS

<table>
<thead>
<tr>
<th>Revenue</th>
<th>Margin</th>
<th>Cash</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Revenue</td>
<td>Annual growth of mid single digit</td>
<td>5%</td>
</tr>
<tr>
<td>Adjusted Operating Profit</td>
<td>Margin improvement of 70-100 bps in 2018 and 20-30 in 2019 and 2020</td>
<td>Up 160 bps</td>
</tr>
<tr>
<td>Operating Cash Flow</td>
<td>Cash conversion rate above 70%</td>
<td>70%</td>
</tr>
<tr>
<td>Leverage</td>
<td>Below 3x</td>
<td>2.0x</td>
</tr>
<tr>
<td>Dividends</td>
<td>Maintain dividend at 20% of Adjusted Net Profit</td>
<td>29%</td>
</tr>
<tr>
<td>M&amp;A</td>
<td>Acquisition capacity in the range of €150 million per annum</td>
<td>BOIME</td>
</tr>
</tbody>
</table>

Group Target 2018-2020

<table>
<thead>
<tr>
<th>Applus+</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Outlook for 2020</td>
<td>Mid single digit organic revenue growth at constant FX</td>
</tr>
<tr>
<td>Dividends</td>
<td>Margin to improve 10-30 bps</td>
</tr>
<tr>
<td>M&amp;A</td>
<td>Additional growth through acquisitions</td>
</tr>
</tbody>
</table>

THREE-YEAR TARGETS

Capital Allocation Priorities

Group strategy

Revenue Margin Cash

Organic Revenue Annual growth of mid single digit 5%

Adjusted Operating Profit Margin improvement of 70-100 bps in 2018 and 20-30 in 2019 and 2020 Up 160 bps

Operating Cash Flow Cash conversion rate above 70% 70%

Leverage Below 3x 2.0x

Dividends Maintain dividend at 20% of Adjusted Net Profit 29% |

M&A Acquisition capacity in the range of €150 million per annum BOIME

Outlook for 2020 Mid single digit organic revenue growth at constant FX Margin to improve 10-30 bps Additional growth through acquisitions

(1)Revenue is average annual growth over 2 years and margins exclude IFRS 16 impact
(2)Dividend to be proposed to shareholders

Slightly below Met Exceed
The priorities set out in the Group’s strategy are based on delivering **responsible and sustainable business**, both in how we manage our operations and in how we contribute to the wider community and the world around us.

As a global company, we are aware our operations touch points in different locations and industries; and the sense of “good business” expects us to act with integrity, thereby consolidating sustainable and responsible business practices.

The initiatives we have set up for sustainable and responsible business practices are developing under the CSR umbrella, and we strongly believe this direction contributes further to generating **long-term value** for the Group, our clients and our stakeholders.

Our CSR Policy is structured under a global framework based on our Group’s values of **integrity, transparency, impartiality, independence and responsibility** to boost CSR management across the organisation and disclose our commitment. We consider this process integral to successfully growing our business and creating sustainable value for all of our stakeholders.

The Group’s **CSR Policy is developed in line with the Group’s strategy**, and our CSR policies to act responsibly underpin our business activities, operations and services:

The Group’s **leadership in the TIC sector** is based on:

- The management of our business strives for excellence to provide our clients with the best service, which meets their needs and expectations through ethical, resilient and responsible operations.
- Our professionals’ engagement through different initiatives, addressed to foster talent development and sense of belonging and continually improving the effective implementation of our principles for diversity and equality.
- Our involvement in socio-economic development of many countries through our services, promoting the adoption of actions to preserve the environmental wealth around the world.

Our services are based on spearheading technological advances through our Divisions’ **innovation** activities. Through this progress, we contribute towards more sustainable development by enabling actions against climate change, progress for local communities and safety advances for citizens.

We develop our services and activities to be recognised for strong social responsibility and business ethics. This focus helps maintains our clients’ loyalty and the Group’s position as a **trusted partner**.

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**CSR framework**

Our commitment to sustainability is channelled through specific goals, supported and deployed by a series of activities structured into **five pillars**. These underpin our reputation and operations and are aligned with nine of the United Nations’ **Sustainable Development Goals (SDG)**.

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**CSR POLICY**

**OUR PEOPLE**

- Foster adequate working conditions based on effective Health and Safety (H&S) programmes, non-discrimination principles, as well as human and labour rights.
- H&S is a critical issue for our employees and our operations and therefore is frequently monitored. Applus+ is committed at the highest level to a robust HSGE policy.
- Provide fair and competitive environment to enable professional development opportunities and capacity building for all Applus+ employees, while retaining and attracting highly talented professionals.
- Fostering diversity among our professionals based on Global Anti-Discrimination Policy, applicable at a global level and through activities such as equality plans.
- Train our professionals to improve their existing skills and acquire new capacities, both managerial and technical.

**STAKEHOLDER ENGAGEMENT**

- **Focus our business through a client-oriented strategy** based on close communication with our clients, which enables us to understand and foresee their needs to fulfill their expectations.
- **Ensure the implementation of procedures to maintain the quality of our services across all geographies and business units** and to keep high senior standards and high-quality procedures across all of the Group’s divisions.
- Continuously improve our services and business management (through ethics, innovation, safety and friendly environment conducts) to maintain our reputation as a trusted business partner.
- **Develop our own investor relations strategy** that aims to ensure compliance with legal and market practice responsibilities.
- Create communication channels to provide quick and effective responses to our stakeholders.

**CORPORATE GOVERNANCE AND BUSINESS ETHICS**

- Applus+ is governed by a set of corporate rules, policies, laws, processes and institutions that define our current corporate governance model and ensure a long-term vision through good governance.
- We are sensitive to changes in laws and trends in this area, and we are committed to transparency as a key principle to managing a listed company.
- Our commitment to business ethics is managed by the Board through the CSR Committee and the Chief Compliance Officer to ensure ethical behavior is integrated across all our business units, geographies and operations through our Code of Ethics and associated policies.
- We ensure disclosure and promote observance of our Code of Ethics across divisions, suppliers and contractors. Applus+ also has a zero tolerance against corruption, and therefore we require suppliers and partners to observe professional and honest business practices, setting up due diligence processes to evaluate ethical issues to this aim.
- We integrate sustainable development criteria to drive positive social, economic and environmental impacts along our value chain and for stakeholders.
- As a socially responsible company, we want to be an active and beneficial participant in the communities where we operate.

**INNOVATION**

- **Promote and share both cross- and open-innovation** throughout all business units that embed CSR into our employees’ technical expertise and into the services developed internally, as well as within our clients’ operations.
- Create a working environment that nurtures innovation, and provide the resources to facilitate this.
- Integrate specific innovation programmes across business units, stimulating and organising initiatives to promote innovative thinking among our professionals.

**SUSTAINABLE PERFORMANCE**

- Ensure active prevention and limitation of potential impacts on climate change and the environment caused by our operations, through appropriate policies and management systems based on international standards and by providing guidelines for environmental best practices.
- Define strict controls to manage, handle, store and dispose of harmful and hazardous substances to minimise the environmental release risks according to local guidelines and regulations.
- **Observe a series of environmental rules – implemented at global level – focused on waste minimisation, emission reduction and use optimisation of natural and clean energy resources**.
- Develop innovative services that help to reduce the potential environmental impact of our clients’ operations in those communities where they operate.
The Applus+ Group has defined specific strategic lines within the five pillars to deploy the CSR Policy in the short and medium term.

**OUR PEOPLE**

- Engage our people through periodic training.
- Continuously monitor the application of all the Group’s policies and procedures related to the protection of human rights, non-discrimination and equal opportunities.
- Continue to implement and follow-up action plans designed to improve and increase the satisfaction and commitment of our professionals.
- Continue with our programme of activities focused on improving our talent management.
- Boost new initiatives related to diversity, inclusion and equality.
- Continue to implement health and safety system improvements, including continuous training in occupational-risk prevention to safeguard our people and partners under the Group’s zero-accidents vision.

**STAKEHOLDER ENGAGEMENT**

- Frame our social action within the local communities where we operate, and promote the autonomy of our local teams to implement specific programmes for social action.
- Progressively increase the percentage of suppliers covered by our vetting and verifying processes, until reaching 100% of our suppliers in the short term.
- Carry out corporate governance road shows annually to maintain the constructive dialogue held with our institutional investors and proxy advisors, in line with our Policy for Communication and Contacts with Shareholders, Institutional Investors and Proxy Advisors.

**SUSTAINABLE PERFORMANCE**

- Focus our management efforts on gradually minimising our energy and water consumption by implementing efficiency programmes.
- Maintain the progressive reduction of emissions (including Scope 3) by reinforcing our employees’ involvement through new awareness campaigns.
- Design specific actions for the activities causing these impacts (eco-efficient vehicles in our fleet, off-setting CO2 emissions, lighting programming in offices, etc.).
- We consider that the changes affecting the market due to climate change will be gradual. Consequently, we will progressively adapt and extend services to protect and reduce the environmental impacts of our clients’ operations.

**CORPORATE GOVERNANCE AND BUSINESS ETHICS**

- Deploy a 5-year plan in each country to protect against public and private corruption and to continue improving our compliance model at an international level.
- Launch in 2020 the global Code of Ethics training covering the Applus+ Group’s Competition Policy and Bids & Tenders Policy, issued and published in 2019.
- Launch training for EU employees on the Applus+ Group's policies and procedures to comply with the European General Data Protection Regulation (GDPR) in 2020.
- Analyse results from the control tool designed to check the implementation of our Compliance Management System for Criminal Risks (CMS), by monitoring indicators in the upcoming years.

**INNOVATION**

- Reinforce yearly our investment and dedication to innovation to create technologies and digital solutions that promote safety, quality of life and environment preservation.
- Promote and share innovation openly across all business units that embeds corporate social responsibility into our employees’ technical expertise, the Group’s internally-developed services and within our clients’ operations.

**STAKEHOLDER ENGAGEMENT**

- Communication channels in place to hear our stakeholders’ concerns and to continuously meet their expectations.
- Framing our social action in the local communities where we operate, and promoting the autonomy of our local teams to implement specific programmes for social action.
- Actions supporting our social contribution include: social sponsorships and direct financial contributions to local associations; education of young people to capitalise from new technology; support to disadvantaged groups; participation in campaigns caring for life-threatening illnesses; and promoting safe and healthy lifestyles.
- Our suppliers and partners are required to adhere to our Code of Ethics to guarantee that the Group’s principles guide their everyday behaviour all over the world.
- The Group carries out annual corporate governance road shows to maintain our constructive dialogue held with institutional investors and proxy advisors, in line with our Policy for Communication and Contacts with Shareholders, Institutional Investors and Proxy Advisors.

**CSR HIGHLIGHTS FOR 2019**

- We have continued to implement and follow-up on the action plans designed to improve and increase the satisfaction and commitment of our professionals.
- Our Leadership programme has delivered 406 actions in 26 countries, which represents 56% progress on planned actions.
- We are developing specific plans to promote diversity, inclusion and equality, addressed to women, differently-abled people and ethnic groups.
- To reinforce our best practices in Health and Safety, we increased activities to raise awareness, such as: Safety Day, specific periodic campaigns, sharing of lessons learned and, safety awards.
- In 2019, the inaugural Global Management Development Programme (GMDP) for managers concluded and a new intake started the second year.

**Training hours**

- 801,161 actions implemented from the satisfaction survey’s action plan
- 584

- 10% reduction in incident rates
- 26% reduction in the severity rate

- 86% local employees
- 90% products/services purchased locally

- 70+ countries
- 242 meetings and conference calls with investors
- 24 conferences and roadshows
CORPORATE GOVERNANCE AND BUSINESS ETHICS

- Good governance principles are integrated in the core rules of compliance for the Group and have been developed by approving and updating specific policies.
- In 2019, diversity with regards to skills, gender and age on the Board of Directors was increased.
- Throughout 2019, eight Directors out of ten were independent.
- Applus+ has focused efforts globally on ensuring that the Compliance Management System for Criminal Risks (CMS) policies are implemented across all divisions and regions. In 2019, the Code of Ethics was reviewed and updated.
- A new Policy on Risk Management was approved in 2019; the Risk Map was reviewed and the risks are periodically monitored and actions implemented as required.

INNOVATION

- We continue to increase our investment and efforts in innovation to create technologies that promote safety and quality of life in our society, as well as reduce the carbon footprint.
- Applus+ has launched different initiatives to develop digital technologies and services, in line with the demands of our markets. We have established a digital team to coordinate digital transformation at global level.

SUSTAINABLE PERFORMANCE

- Specific actions implemented, such as lighting programming in offices, electric vehicles in our fleet, water reuse facilities, etc., to reduce the Group’s energy and water consumptions, as well as GHG emissions.
- Continually reinforcing our employees’ involvement through new awareness campaigns.
- For the first time, we report Scope 3 GHG emissions related to business trips by plane, train and taxi, employees commuting and power distribution network.
- We have been included into the FTSE4Good IBEX index. We achieved a ‘B’ rating with the CDP.
- Circa €200 million (12% total revenue) from services to protect reduce/mitigate environmental impacts: Renewables, Automotive Emissions, Environmental Surveys, Energy Audits, Waste Management Surveys, and innovation projects for Automotive eco-engines and lightweight Aerospace materials.
STAKEHOLDER FRAMEWORK

Maintaining continuous engagement and dialogue with our stakeholders enables the Group to align our business model and sustainability initiatives to their requirements. This ensures we deliver value for all of our clients and deliver long-term success for the Group. Strong dialogue provides a solid understanding of the issues that concern our stakeholders, and this feedback is crucial for identifying the expectations needed to be considered during our decision-making processes.

We identify three different levels of stakeholders, according to how we consider them to be significantly affected by our services and operations, and/or the actions that can affect our ability to successfully run our business. Our clients, employees and investors are the central stakeholders for the Group and a key focus of our commitment within the framework to address their expectations.

MATERIALITY ANALYSIS

To define and develop this report, Applus+ has covered and prioritised the topics in accordance with the principles of materiality, sustainability, context, stakeholder inclusiveness and completeness. Applus+ considers that an issue is material when it could have a substantive influence on the assessments and decisions of our stakeholders and might affect the Group’s ability to meet the needs of the present, without compromising the needs of future generations.

In 2019, the Group updated its materiality assessment to review the most important topics for the Group and for the company's current principal stakeholders. We conducted the materiality analysis with an in-house team which provides similar services to our clients. The process was implemented in various stages:

a. We identified and validated the relevant topics by examining topics and rankings published by some competitors, companies from different sectors in which Applus+ operates and from stock exchange indices covering sustainability. Specifically, the analysis included direct competitors within the TIC sector, leading global companies in the Oil and Gas, Automotive, Engineering, Construction and Aerospace sectors, Dow Jones Sustainability Index (DJSI) and the FTSE4GOOD IBEX index. The result was a preliminary list of 27 material topics, structured in four areas: Governance, Operation, Society and Environment.

b. Personal interviews were held to rate each topic according to its importance from the point of view of the Applus+ Group and from the perspective of our main stakeholders. The analysis was carried out through the company’s verticals (divisional and corporate functions) and across geographic regions (regional divisional managers).

c. The outcomes of the interviews produced the Materiality Matrix, which maps the importance of the material topics for Applus+ against the topics’ importance for our stakeholders, providing us with a powerful analytical tool.

The complete list, including all assessed topics and the matrix with the results, are shown as follows.

In comparison to the materiality analysis conducted in 2018, the topics “Independence, Accreditations and certifications”, “Corporate Governance”, and “Sustainable and Safe products and Services” are not considered as material topics this year. Nonetheless, Applus+ reports on these topics in this report.
STAKEHOLDERS’ CONCERNS

From the list of topics used as the basis for the Materiality Analysis, we identified the main topics of concern for our principle stakeholders by selecting the 25% of the topics with a higher score per stakeholder.

We provide our stakeholders with specific communication channels to understand their expectations and how we can meet these.

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<th>STAKEHOLDERS</th>
<th>TOPICS OF CONCERN</th>
<th>DIALOGUE ON THEIR CONCERNS</th>
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STAKEHOLDERS' TOPICS OF CONCERN

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IMPACTS AND RISK MANAGEMENT

IMPACT ASSESSMENT

As a global company, the Applus Group generates impacts derived from its activities in the countries and communities where it operates, which in many cases are positive impacts. These impacts can be referenced with the topics previously analysed (see Materiality Analysis), and structured in the same way by considering the four areas: Governance, Operation, Society, and Environment.

Direct impact

To assess our direct impact, we considered a total of 15 topics, including the 14 material topics resulting from the materiality analysis. The topic “Energy and climate change” has also been included because this topic is of high importance for our stakeholders.

To carry out an objective evaluation of our direct impact per topic and on the four areas, we have developed a methodology based on the identification of the main performance indicators related to each topic. To follow, we have applied weights from 0% to 100% to the indicators of each topic based on the following criteria:

- Material topics prioritised by stakeholders
- Material topics prioritised by the Applus+ Group

Aerospace quality-control testing
The indicators selected are:

**DIRECT IMPACTS**

- **GOVERNANCE**
  - Risk management: Risk management system, which integrates economic, social and environmental issues
  - Business model and strategy: Business/CSR integrated strategy and action plans
  - Brand and reputation: Rating in the TIC sector; presence in any field
  - Economic performance: Revenue tendency; Adjusted Operating Profit tendency
  - Investment and growth strategy: Global presence
  - Code of Ethics and Compliance: Breaches resolved; Employees trained in Code of Ethic/CSR Policy; Compliance control
  - Stakeholder engagement: Effective bi-directional communication with stakeholders

- **OPERATION**
  - Innovation: Hours dedicated to innovation; Patents
  - Service quality and customer satisfaction: Medium-to long-term clients

- **SOCIETY**
  - Health and Safety: Accident rate; Hours dedicated to train on health and safety
  - Talent attraction and retention: Rate of employee turnover
  - Talent development and recognition: Internal promotion; Employee satisfaction index; Hours of training; Individual development plans
  - Diversity, inclusion and equality: Work integration programmes: No. of women/men within the Group and in management positions
  - Respect for human rights: Human Rights Policy and action plans

- **ENVIRONMENT**
  - Energy and climate change: GHG emissions intensity and intensity rate of energy reduction

In the evaluation, we weight the values of the indicators for the importance that both the Applus+ Group and our stakeholders assign in relation to the corresponding topic. After considering our stakeholders’ expectations when assigning a weighting, we also incorporate the external context of our company as part of the evaluation process.

Finally, we calculate the indicators’ values by establishing a scale from one to five for each. We assigned quantitative or qualitative criteria to the indicator levels, according to the value’s historical performance in our company and by taking into account the framework established by the expectations of our internal and external stakeholders.

The results underline that the main impacts are related to the following topics:

- **Economic performance**: The Group’s financial results are considered of high importance for our stakeholders because good performance ensures the company’s stability and its future continuity and growth. The Group’s stakeholders value working with a solid business very positively, therefore the impact is relevant for our stakeholders.

- **Service quality and customer satisfaction**: This topic is key in the Applus+ Group’s business development; as a consequence, the company takes significant steps to focus our services on exceeding our clients’ expectations. The topic is highly appreciated by our stakeholders because of its strong connection with technological progress and socio-economic development.

- **Health and Safety**: The Group’s high performance in this topic follows our efforts to conduct training and awareness activities addressed to all professionals, which result in a significant reduction of accident rates. This topic has a great significance for our stakeholders.

- **Codes of Ethics and Compliance**: The Group’s commitment to business ethics and legal compliance is highlighted through: our policies and procedures; the training addressed to all employees; our suppliers’ involvement; and the implementation of control mechanisms. Stakeholders positively value the implementation of practices that ensure the business develops responsibly and sustainably.

When considering the two areas of Governance and Operation, the impact in each is high (value > 75%), and in relation to the two areas of Society and Environment, the impact is medium (50-65%). These good results are supported by: the development of a comprehensive set of policies and procedures deployed in relation to every area; the successful implementation of practices based on these documents; and the improvement of outcomes for the different topics in comparison with previous years.

**Indirect impacts**

The Applus+ Group’s activities also have indirect impacts on different stakeholders covering many topics. As with the direct impacts, we considered 15 topics, including the 14 material topics resulting from the materiality analysis, as well as “Energy and Climate” change because of the high importance that our stakeholders place on this topic.
The Group’s Board of Directors and its Audit Committee have clear responsibilities for the control and risk management policies, as well as for the periodic monitoring and assessment of financial and non-financial risks for the company. The Applus+ Group ensures risks are managed adequately and continuously through the implementation of its Risk Management Policy and Procedure.

To fulfill and improve the management of risk, the Group’s Executive Committee periodically updates the Risk Map, in which the main risks that could affect the Applus+ Group’s strategic objectives are identified and quantified. These risks include all factors considered to be critical to the operations of the Group’s business, from a strategic, operational, financial, legal and compliance perspective and also in terms of sustainability. This involves social and environmental risks, including risks related to climate change.

The risk-management model implemented in the Group comprises mainly the following stages:

1. **Risk Identification**: Identify and analyse risks to Applus+.
2. **Risk Assessment**: Evaluate risks according to impact and Probability criteria to decide to a High, Medium and Low risk level.
3. **Risk Monitoring**: Identification of Key Risk Indicators (KRIs), Assign a risk manager, Determine thresholds (tolerance levels) and Mitigation action plans for high/medium risks identified in the Group’s Map Risk.

The Risk Map, including its related action plans, is reviewed twice a year by the Audit Committee and annually by the full Board.

This process, which covers all of the Group’s divisions and geographical areas, ensures an informed decision-making process, which improves the performance of the Group’s risk management through the monitoring of the key risk indicators (KRIs) defined for each risk. These indicators are periodically assessed by the Audit Committee, and the Group develops action plans as required to properly manage such risks.
Climate change related risks

The scope of the Risk Management procedure implemented by the Group includes environmental issues, and applies in particular to those risks related to climate-change issues. In addition to this, as a continuation of the process already started in 2018, we completed a more detailed study specifically related to climate-change risks in 2019.

This risk study was based on the results of the CDP Climate Change Report 2019. As a result of the report’s conclusions, several different possible types of climate-related risks were assessed:

<table>
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<th>PHYSICAL RISKS</th>
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<tr>
<td>• Extreme weather events impacting on Applus+ operations and economic results</td>
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<tr>
<td>• Impact on the Applus+ Group’s businesses due to consequences of climate-change for the company’s suppliers</td>
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<th>TECHNOLOGICAL SHIFTS</th>
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<td>• Lack of adaptation to a low-carbon economy due to rapid technological shifts or new/emerging regulations</td>
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<th>BRAND AND REPUTATION</th>
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<td>• Damage to company image due to the impact of climate on Applus+ services</td>
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<th>RISK MANAGEMENT EFFECTIVENESS</th>
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<tr>
<td>• Lack of an effective climate-change risk management</td>
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<th>CURRENT AND EMERGING LAWS</th>
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<td>• Transitional risks, such as potential legal and policy changes</td>
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These risks were later evaluated through questionnaires addressed to the Group’s management teams. In the process for assessing these risks, the company’s verticals (divisional and corporate functions) and across geographic regions (regional divisional managers) were all involved to obtain a more accurate and realistic approach in each business and geographical region. The main results of this risk assessment follow.

Physical risks

We do not foresee relevant physical risks related to any extreme weather events or natural disasters related to climate-change effects (like cyclones, floods, droughts, etc.), which could be significant to the Group in respect to our geographical locations, for instance, due to:

- A negative impact on our operations: increase in production costs, absenteeism, destruction of facilities or suspension of projects in regions that may be severely affected by the consequences of climate change; or
- Problems to contract employees in any country or region due to these events.

The Group has operations in regions that could be affected by severe atmospheric phenomena. In some of these regions, punctual weather events occurred in 2019, affecting to some degree the operations or facilities as part of the Group’s service delivery. For instance:

- Middle East and Mediterranean
  - Severe rains that strongly affect infrastructures in these regions (e.g. in Kuwait with floods that stopped operations for some days)
  - Episodes of extreme heat affecting construction projects (delays due to schedule adjustments)

- North America
  - A few days without production for shutdown of operations because of hurricanes in the USA (e.g. Hurricane Harvey, Polar Vortex) or heavy snowfalls in North US and Canada
  - In Florida (USA), days of absenteeism due to government warnings of flood risks, and people urged not to work
  - Delays in projects in the past few years due to wildfires in some regions of Canada or in California (USA)

- South America
  - Partial or complete shutdown of projects mainly due to hurricanes impacts

- Southeast Asia
  - Heavy rains and cyclones three or four times a year affecting operational facilities

However, the financial impact of these phenomena on the Applus+ Group’s businesses is low since the effects are punctual and short in duration.

Moreover, we have identified that the risks associated to weather events in some regions may affect suppliers in the same way as the Group. These impacts are mainly related to transportation; however, due to the nature of our activities, the associated risk is also considered very low.

Adaptation to technological shifts focused on transition to a low-carbon economy

For risks related to the technological shifts associated with a transition to a low-carbon economy, we are implementing investments in our services, operations and facilities to reduce the carbon footprint of our Group or clients:

- Applus+ vehicle fleet renewal: increasing the number of more efficient and less polluting cars.
- Actions aligned to the planning and implementation of ISO 14001 / EMAS management systems in our facilities (offices, laboratories, etc.); more energy-efficient air-conditioning and lighting systems; installation of solar panels at some facilities; or building insulation improvements.
- At IDIADA Division, some investments related to laboratory facilities for electric vehicles.

In addition, some innovation activities related to the transition to a low-carbon economy are being implemented through our divisions:

- Digitalisation processes for some testing activities and inspections in our four divisions. This may reduce the number of people traveling for on-site service and consequently reduce the carbon footprint.
- In the Energy & Industry Division, inspection teams are deploying UAV drones instead of helicopters for visual inspections to reduce the carbon emissions generated by providing these aerial inspection services to our client, while increasing the safety of our teams.
• Updating or innovating new tests and methodologies for conducting independent eco-vehicle inspections (electric, hybrid, etc.).
• In addition, the IDIADA Division in the UK is developing a plan for testing electric motors for automotive vehicles.
• In the Laboratories Division, our innovation partnerships work with leading aerospace companies and research centres to support new material applications and develop new manufacturing processes for greater aircraft eco-efficiency.

Following this analysis and assessment, the possible risk associated with a lack of adaptation to a low-carbon economy at Applus+ is considered low. Our direct environmental impact related to our services and activities is very low. In addition, the company has initiated measures to reduce the Group’s carbon footprint.

Other than the low risk already identified concerning the transition to a low-carbon economy, investors are currently focused on ensuring the private sector is ready for the risks and opportunities presented by the adaptation to climate change and the energy-transition process.

Although the Group provides services to the Oil and Gas sector, the services we provide are focused on ensuring the quality, safety and reliability of our clients’ facilities to avoid or mitigate environmental impacts. Moreover, the Group’s management is currently developing a diversification plan to extend the TIC services the Division provides to other sectors less related to GHG emissions and climate change, such as the renewable energy sector.

Compliance with current and emerging regulations

Within this area, we identified some specific issues related to climate change that may affect the operations and services of the Applus+ Group:

• Increased reporting obligations related to climate change.
• Extension of these reporting requirements to the monitoring and environmental control of the value chain, specifically of the Group’s suppliers.

In this respect, Applus+ considers this risk as low. We have implemented an internal plan for gathering and following-up our energy consumptions and GHG emissions, which includes management tools to make this process more efficient. In addition, in respect to supplier requirements, the risk is rated as very low because we have implemented a detailed management approach for our very short supply chain.

Notably in 2019, to anticipate possible future requirements, we have reported the Scope 3 GHG emissions for the first time, such as those related to business travel by plane, train and taxi, commuting and power distribution.

Moreover, there are new policies in Europe that could affect our business, directly or indirectly, due to the nature of our services or our own infrastructures and resources.

• EU regulations issued in 2019 promoting vehicles with less CO2 emissions (supporting the use of zero- and low-emission vehicles ZLEV). The EU is also working on a comprehensive reform of environmental taxation to guide climate-change commitments for 2050, considering increases linked to CO2 emissions. An increase in the cost for adapting or renewing the Group’s vehicle fleet is a possible risk.

The Group is already gradually adapting the vehicle fleet to reduce CO2 emissions (using electric, hybrid, plug-in hybrid, Bi-fuel, CNG and LPG vehicles). Therefore, as the process is ongoing and no problems are foreseen in this renewal, the risk is considered not relevant (low).

• Revised Energy Performance of Buildings Directive (EPBD) and Energy Efficiency Directive. These regulations may affect insulation, energy consumption and air-conditioning systems in the Group’s buildings.

Our offices are being remodelled as required to the extent possible, allowing that the Group does not own most of the buildings where we operate. Therefore, this risk impact is also very low.

In addition, new legislation to promote the use of energy from renewable sources can be seen more as an opportunity for diversifying our business than as a risk.

Therefore, although we have identified some applicable policies related to climate change that could affect the Applus+ Group’s businesses, risks associated with non-compliance of these current or emerging regulations are not relevant because we have already established the appropriate controls and measures to prevent and manage these risks.

Furthermore, we considered the emerging regulations risk from a business perspective. Our assessment concludes that opportunities exist to develop new services, and these developments could strengthen our position in fields like emission-related testing to help our customers meet any new regulations.

Importantly, the transition to de-carbonise the economy will pick up speed, but it will not be sudden. The transition period will allow the Group to compensate for the decreasing markets with new opportunities for services connected to energy transition, as well as harness the benefit from the diversification process created by these changes.
Impact on brand and reputation

Reputation is of great importance to the Applus+ Group and central to the Group’s business strategy as a trusted partner. We have assessed some potential climate change-related issues, which might affect our image and relationships with stakeholders were these not managed properly. Following this assessment, it can be concluded that:

- Due to the nature of our activities, the Group’s is not a big contributor to CO₂ emissions or any other climate-related impacts.
- We are constantly planning and implementing energy-efficiency and emission-reduction measures in the possible fields of action and service deployments.
- Importantly, the Group’s image and reputation is reinforced by our strict compliance with the applicable legislation in environmental management, and in particular, in the area of climate change and the transition to a low-carbon footprint.

As a result, Applus+ considers this risk to brand and reputation from climate-related issues as minimum.

Effectiveness of managing climate-change risks

The Group does not yet perceive any risk in our operations related to climate-change impacts.

Those issues related to climate change are properly managed. Furthermore, although a negative effect may exist in one area, due to the wide geographical and sectoral distribution of our company’s businesses, the risks associated to climate change are not likely to materialise in several places at the same time, so the overall impact is minimum.

Therefore, we consider that our climate-change risk management is effective, and we do not foresee a relevant risk. On the contrary, we consider that more climate-change regulation and control will present clear business opportunities.

**MAIN CONCLUSIONS**

**Risks impact:** Results of the evaluation analysis showed that the identified risks were not relevant to the Group’s activities in most of the regional areas and business where we operate.

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<th>Low impact</th>
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<th>High impact</th>
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**Management approach:** We are implementing plans to reduce and mitigate any negative consequences related to these risks.

**Opportunities:** Our assessment shows that a number of the climate change-related issues are actually clear opportunities for the Applus+ Group. The upside of the climate-change mitigation outweighs the costs to the Group of managing the impacts.
Our approach to corporate governance and business ethics

**FOUNDATIONS**

Applus+ is governed by a set of corporate rules, policies and processes that define, under applicable laws, its corporate governance model to ensure the Group’s long-term vision. Ethics and transparency are key principles which guide the Group’s management to continue earning the trust of our stakeholders.

The Corporate Governance framework at Applus+ has been developed by taking into account the CNMV’s good governance code for listed companies and internationally-accepted best practice, including feedback from our stakeholders. The continuous development, review and improvement of the framework are the cornerstones of the Applus+ Group’s strategy in Corporate Governance.

The Group’s principles of good governance are integrated into the core rules of governance and have been developed through the approval of specific policies.

As a listed company, Applus+ prepares an Annual Corporate Governance Report (ACGR), an Annual Report on the Remuneration of Directors, and this CSR Report; all available at the Group’s website where comprehensive information is published yearly.

Overall, the ACGR shows a good level of performance by the Applus+ Group according to CNMV recommendations, with an effective compliance ratio of 88.89%. Of the 64 recommendations in total, 10 are not applicable to the Applus+ Group. Out the remaining 54 recommendations applicable to the Group: 48 were complied with; and 6 are explained/partially complied with.

**MAIN ACHIEVEMENTS**

The main milestones achieved in 2019:

1. Amendment to By-laws and BOD regulations, approved in May 2019 at the AGM, to set the number of directors at the Board from between nine to twelve.
2. Amendment to the Regulations of the Board of Directors approved in May 2019, setting the current number of directors at ten.
3. Amendment to Director’s Selection Policy expressly stating the goal of 30% women members on the BOD.
4. Appointment of three new directors, increasing the diversity on the BOD, with a high support from shareholders and achieving the referred goal 1-year ahead, increased diversity in the broad sense (skl, gender and age).
5. New Remuneration Policy of the Directors for the period 2019-2021, approved in May 2019 to cover appointed CFO’s as executive director.
6. Policy on risk management approved by the May Board, sessions on cybersecurity, risk map and action plan followed.

To lead the integration of the Group’s policies on ESG into day-to-day management practice, the Chief Executive Officer is a member of the CSR Committee to set the tone from the Board for the actions that follow throughout the company. The Applus+ Group regularly reviews its CSR strategy and policy, and provides support to internal structures to ensure the effective deployment and continuous improvement of performance.

The CSR strategic lines – and the targeted actions deployed from these – are monitored through specific KPIs. These indicators provide the Group’s management with useful quantitative information on the Group’s CSR performance in order to take management and operational decisions for improvements.
In 2019, three new members joined the Board of Directors, with 98% of the shareholders supporting their appointments.

- María José Esteruelas was appointed as Director of the Applus+ Group on 20th February 2019, ratified at the Annual General Meeting on 30th May 2019. She has also been a member of the Appointments and Compensations Committee since 30th May 2019.
- Essimari Kairisto was appointed as Director of the Applus+ Group on 10th April 2019, ratified at the Annual General Meeting on 30th May 2019. She has also been a member of Audit Committee since her appointment, and her background as a CFO strengthens the audit function.
- Joan Amigó was appointed Executive Director of the Applus+ Group on 30th May 2019.

KEY FIGURES

- 10 Directors
- 80% Independent Directors
- 30% Women
- AGE 63.4

INDEPENDENCE OF THE DIRECTORS

The Board’s make-up of independent Directors is essential to the good governance of the Applus+ Group:

- Throughout 2019, eight out of ten Directors were independent
- An independent Chairman heads the Board, with separation from the CEO function
- Independent Directors chair all Committees
- All three Committees comprise a majority of independent Directors
- The Audit and the Appointments and Compensations committees comprise only independent Directors

DIVERSITY ON THE BOARD OF DIRECTORS

On 20th February 2019, Applus+ amended the Directors’ Selection Policy.

The objective of this policy is to define the principles that govern the selection of candidates to achieve an adequate balance on the Board of Directors as a whole and, in particular, to reach the commitment of having at least 30% of the Board represented by women directors by 2020 as explicitly stated through the amendment.

Thanks to this policy, Applus+ is managing the selection of directors by ensuring that the processes favour diversity in gender, experience and knowledge and do not suffer from implicit bias that could imply any type of discrimination due to gender.

The final aim is to promote an increase in the presence of women on the Board in line with best corporate governance practices and the Policy has been compiled with on the appointment of new members to the Board in 2019. The Board of Directors has now reached the 30% target of women Board members one year ahead of the 2020 recommendation.

Following this progress, the Applus+ Group continues to be proud of the Board’s membership, achieving further diversity in gender and age and adding to the valuable skills and experience as set out in the Policy.
REMUNERATION OF THE DIRECTORS

On 30th May 2019, the new Remuneration Policy of Directors for 2019–2021 was approved at the AGM. This document regulates the remuneration received by the members of the Board of Directors, and the specific remuneration and contractual elements that apply to the directors who perform executive functions, all in line with market practices and best international standards.

Business ethics and Compliance

At the Applus+ Group, our practices and services are guided by our ethics and compliance policies and value-driven management practices because these achieve more efficient and competitive results over the long term.

We are firmly committed to strong business ethics, which help us to prevent, identify and stop any behaviour that threatens our principles of conduct.

The Group’s commitment to business ethics is managed by the Board of Directors through the CSR Committee and the Chief Compliance Officer. They ensure ethical behaviour is integrated across all of our business units, geographies and operations through our Code of Ethics and associated policies.

The Applus+ Code of Ethics is articulated in a framework that establishes a set of principles and ethical values to guide our everyday behaviour, wherever we operate in the world. These principles are Integrity, Transparency, Impartiality and Independence and Responsibility.

Our Code of Ethics is available in 23 languages to all of our stakeholders around the world, either at our website or at our Applus+ Global Intranet. The Code of Ethics sets forth the values, principles and rules of conduct that guide our activities:

Rules of conduct in our Code of Ethics:

Integrity
- Respecting dignity at the workplace
- Data protection and privacy
- Market competition and consumers
- Confidential and non-public information
- Integrity in our services
- Use of the Applus+ Group’s resources

Transparency
- Market competition and consumers
- Fighting against corruption
- Veracity of information and record keeping
- Impartiality and Independence
- Fighting against corruption
- Conflicts of interest

Responsibility
- Preventing health and safety risks and respecting employee rights
- Environmental protection
- Social responsibility, sponsorship and donations

Applus+ annual training on CODE OF ETHICS and ANTI-CORRUPTION POLICY

Our Code of Ethics considers different scenarios, needs, risks and concerns that arise over time. Importantly, the Group’s Code of Ethics works as a reference guide for the ethical principles that should inspire all of our professional activities.

In 2019, the review of the Group’s Code of Ethics aligned the policy with the requirements under the European General Data Protection Regulation (GDPR) and to new policies and improvements approved throughout 2018.

The main adaptions and changes included: new communication channel access, review of clauses for the privacy policy and an update of the Group’s policy on the use of IT resources.

To ensure all professionals understand, align and follow the values and ethical principles set out in our Code of Ethics and related policies, every year we deploy an annual course on the Group’s Code of Ethics and Global Anti-corruption Policy and Procedure, which explores different topics and situations.

This training is addressed to all professionals and is part of the induction process of each new recruit. New policies, changes and upgrades in our Code of Ethics and related policies are always a special focus in the yearly-training calendar.
Ethics and compliance communication channel

The Applus+ Ethics and Compliance Communication Channel is a mechanism for Applus+ professionals and third parties (clients, suppliers and business parties) to:

- Raise any doubts or queries regarding the correct interpretation and application of our Code of Ethics or any other Applus+ internal regulations (QUESTIONS); or
- Notify any indication or suspicion of any act or breach that may violate the rules of the Code and its regulations (COMPLAINTS).

Communication to the Ethics and Compliance Communication Channel may be sent by completing an electronic form available at the Applus+ Global Intranet, as well as at the Applus+ website.

The channel's terms of use detail its underlying principles (good faith, confidentiality, lack of reprisals) and explain how to submit a query or complaint, as well as outlining the process for managing any complaint. We also have the A+ Whistleblowing procedure that regulates the management of the communication channel.

The Chief Compliance Officer (CCO) is responsible for managing this communication channel and directing and coordinating any investigation.

In 2019, there were 107 communications received, with 91 of these opened for investigation into potential breaches. Out of the 91 communications opened for investigation, sixty-two cases have been closed in 2019, and twenty-nine continue to be open and under investigation and management by the CCO.

Out of the 62 cases investigated, there was evidence found in 24 cases of irregular behaviour or breaches of the Code of Ethics values and/or the Global Anti-corruption Policy and Procedure. All of these cases resulted in some type of correction or disciplinary action.

Out of the 107 communications, ninety came from internal sources and seventeen came from people external to the Group. Seventy-six percent of the cases used the formal communication channels of the company to send the allegations; nineteen contacted someone from the management team, and the remaining came in via an audit process or other sources.

COMPLIANCE MANAGEMENT SYSTEM

Applus+ has implemented a Compliance Management System for Criminal Risks (CMS) to enable the Group to detect possible criminal offences under the Spanish Criminal Code, UK Bribery Act and the US Foreign Corrupt Practices Act.

The Group’s CMS has, at its core, the Code of Ethics and Anti-corruption Policy and Procedure. However, the CMS also comprises a series of other internal policies. The CMS is included in the scope of the periodic controls carried out by the Internal Audit Department.

The Chief Compliance Officer, under the supervision of the CSR Committee, is responsible for the necessary measures to raise awareness of the CMS among Applus+ professionals and to monitor adherence to the compliance system.

To strengthen the effective implementation of the Group’s CMS across our global operations, in 2019 the Group defined the principle core compliance controls at Applus+ (CORE Compliance document) for Country Managers, Finance Managers and Human Resources teams. Compliance controls include all of the Applus+ Group’s internal policies and procedures comprised within our CMS. The CORE Compliance document indicates each area of responsibility for the applicable compliance requirements.

Two levels have been established to comply with these requirements:

- “Understand and Follow” (9 policies): managers should read, understand and follow compliance requirements; ensure that these are understood and followed by the professionals under their supervision; and ensure the managers take appropriate actions to monitor compliance.
- “Implement” (12 requirements arising from the policies and procedures within the CMS): in addition to the previous level of requirements, managers should implement applicable compliance procedures. The implementation may be audited.

MAIN CORE COMPLIANCE CONTROLS FOR MANAGERS

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In 2019, the Corporate Compliance Department at Applus+ has focused their efforts globally on ensuring that the CMS policies are implemented across all divisions and regions. To present the country managers with their associated responsibilities, the Compliance Department has communicated how professionals are to comply with the compliance model, with all country managers receiving training on these CMS policies and related compliance requirements.

Similarly, an internal control tool has been designed to check that all managers meet their applicable compliance requirements. Moreover, a management declaration must be signed to confirm the correct implementation of these requirements. This control model was launched in the last quarter of 2019. From analysing the results of this control model, useful indicators can be defined and applied to monitor the compliance of the requirements within the CMS in the upcoming years.

CORRUPTION AND BRIBERY

Applus+ has a Global Anti-corruption Policy and Procedure to prevent, detect, investigate and remediate any corrupt act within the Group. The main commitments include:

- To do business legally, ethically and professionally worldwide by complying with the anti-corruption laws relevant in the countries where the Group carries out business; and to ensure that Applus+ professionals and other third parties carry out business in a consistent manner.
- Fighting against bribery, kickbacks, improper or illegal payments, gifts or contributions, and any other improper method of seeking favourable treatment.

The divisional Executive Vice-Presidents, under the leadership of the CCO, are responsible for monitoring compliance with the Policy and Procedure.
CORRUPTION AND BRIBERY

As stated in the Global Anti-corruption Policy and Procedure, any sponsorship or donation must be legitimate, formalised and authorised. In 2019, we have contributed €89,998 to foundations and non-profit entities. Following our policies, Applus+ has not given donations to political parties.

The Global Anti-corruption Procedure regulates both our professionals’ behaviour and relations with third parties, as well as the process of mergers and acquisitions to prevent any potential corruption-related issues.

In the 2019-version for the Procedure, the regulations for our consortium partners who act as interested parties on behalf of Applus+ were included, together with other third parties such as the suppliers and venture partners.

In addition to this, policies approved in 2018 (Policy on Conflicts of Interest and Suppliers Policy) were also covered. Moreover, in this latest revision, some changes were made regarding areas of reputation and integrity, along with other changes related to data protection for compliance with the GDPR.

MARKET COMPETITION

Free competition and innovation are the basis for healthy economic growth. Accordingly, compliance with antitrust and competition laws is one of the values covered by the Group’s Code of Ethics.

The TIC sector, of which the Group belongs, is characterised by an intense competition among organisations, both in private or public tenders.

The Group has specific lines of internal review and approval concerning bidding processes, consortiums or trade association membership, ensuring the involvement of Applus+ Legal Department as required.

Key actions in 2019 focused on:

- Issuing and publishing the Applus+ Competition Policy and Bids and Tenders Policy, including training with business teams during 2019 and preparing a global online training tool for launch in 2020.
- Active participation in the TIC Council in the drafting and reviewing the new Competition Compliance Policy of the TIC sector Council.

In 2019, no legal proceeding was initiated against the Applus+ Group, nor has the Group been served with claims for unfair or monopolistic competition practices. Furthermore, no sanction has been imposed, pecuniary or otherwise, due to the practices described above.

INFORMATION SECURITY MANAGEMENT

Managing any business today requires the protection of the personal data generated across a vast array of day-to-day business operations, which rely on different data-processing activities. Acting on these considerations, the Group will always strive to protect an individual’s privacy and their corresponding fundamental rights when processing personal data. Personal data protection and privacy is one of the values upheld within our Code of Ethics. Therefore, all of our professionals must respect the basic rules stated within the Policy, and be aware that laws related to data protection vary in the different countries where the Group operates.

To manage GDPR compliance, Applus+ has the following internal policies and procedures:

- Applus+ Data Protection Policy
- Applus+ Policy and Procedure for Management of Individual Rights
- Applus+ Data Breach Policy

Information security is also safeguarded through the Applus+ Group’s policy on the use of IT resources, and through the confidentiality clauses included in the contracts signed by our employees and clients (confidentiality clauses and non-disclosure agreements) and subsequent internal processes. In the case of the IDIADA Division, the specific Information Technologies General Policy is applied.

In addition, the Applus+ Group appointed a data protection team including divisional or country responsible for ensuring the implementation and compliance of GDPR and for managing any concerns raised over data protection. The Corporate Legal Department, with whom the team holds periodic follow-up meetings, coordinates these managers and defines action plans where applicable.

The Group provides training (online and on-site) regularly to raise awareness about personal-data matters and regulatory compliance. In 2019, following the first anniversary of GDPR, we had face-to-face trainings in Spain with the employees responsible for GDPR to update their knowledge on the recent Spanish law, and to share experiences and doubts. Additionally, the Group will launch online training for EU employees during H1 in 2020.

In 2019, we have not suffered any material leakage, theft or loss of information, and the Group has not received any claim or complaint in relation to information security or data protection. However, during 2019, Applus+ has answered approximately 1,200 enquiries on exercising data–privacy rights through the channels dedicated to these purposes. These enquiries were mostly related to our statutory-vehicle-inspection activities in Spain.

In addition, and importantly, in 2019 an update on the status of the GDPR’s implementation was shared with the Audit Committee and the Board.

Applus+ Group has implemented a continuous improvement programme in cybersecurity, which includes different initiatives related to the four pillars of its strategy:

- Protection: Deploy and keep Information Systems free of vulnerabilities.
- Protection: Protect IT assets against threats.
- Detection: Anticipate security incidents through behavioural analysis and correlation of information from internal and external sources.
- Resilience: Design the Information Systems to contain any impact in the event of a security incident.
- Resilience: Recover the normal situation through appropriate procedures in back-up and restoration.
- Resilience: Assess cybersecurity risks in each new business requirement.
- Resilience: Define internal cybersecurity policies and ensure compliance.
- Governance: Assess and manage the risks with our critical suppliers.
- Governance: Create recurrent awareness campaigns for all employees.
The Applus+ Group is a trusted partner to private and public-sector companies and organisations, and our four divisions provide a complete portfolio of Testing, Inspection and Certification (TIC) solutions across the principal industry sectors.

The Group develops its TIC services focused on innovating technology and processes in all of our business lines, and our technical teams develop advanced solutions with independent expertise on global regulatory requirements.

The TIC sector integrates a wide range of technical professions and specialist procedures, including laboratory or on-site testing, facility and asset inspections, product-conformity certification, management-process audits, documentation inspection and data-consistency verification and across the entire supply chain.

These highly technical services are delivered for private companies, public authorities, governmental departments or on the behalf of the end-user or purchaser. Our divisions’ broad portfolio of services supports the development of trust and assurance among our clients, industries, end-users and wider economic relationships.

The TIC sector works in all major industry sectors and markets, spanning FMCG, Oil and Gas, Energy, Automotive, Construction, Aerospace, Chemicals, Transport and Pharmaceutical to name a selection. The international markets for TIC services are growing at a global level, and the requirements are driven by a balance of influences through government regulation and the wider economic changes or technological adaptations in different industry sectors. Therefore, these aspects of market development determine the growth of the TIC sector in each country.

Developed regions, such as Europe and the USA, have mature and stringent laws and regulations applicable to consumer products, with a small number of international organisations and agencies central to the standards for safe and quality goods. This provides opportunities for market growth in the TIC sector even in developed nations with convergent legislations. With an increase in world trade, emerging economies such as China and India have joined the leading economies to attract the major global companies and the TIC activities which support their activities.

Companies from emerging markets have also drastically increased the volume of goods exported to developed countries in the recent past, and trends suggest western-economy companies are increasingly focused on managing their processes throughout the value chains.

The main factors governing growth in the TIC market are:

- Increased regulations and standards are a major growth factor for the TIC markets as there has been a clear shift towards more complex standards and regulation. Most legislation is government-driven to ensure health and safety compliance across a variety of end-use industries.
- Increase in trading activities across various industry verticals due to the trend of operating from or in remote locations. Companies may demand the adherence to new or greater regulatory standards in new markets to avoid paying sanctions.
- Increased use of accredited or certified tests and inspections to facilitate and secure transactions and operations in local markets and globalised trade.
- Increasing digitalisation of the economy and in services to every industry sector.
- End-user demand to seek third-party assurance, improved risk awareness and a focus on risk prevention are major factors which are expected to boost demand.

Services and clients

At Applus+, our four divisions provide innovative, wide-ranging TIC services to national and multi-national companies and public bodies all over the world. Our professionals are trained in many engineering, scientific and industry disciplines to become specialist in highly technical testing, inspection and certification processes.

To develop this technological expertise, the Divisions at Applus+ collaborate with clients and partners to enhance the quality and safety of their assets, infrastructures and products. Our TIC services also assist organisations to comply with the applicable environmental requirements and legislation in the markets and jurisdictions where they operate.

The services and activities from the Applus+ Group are developed and deployed by following our commitment to the principles within the United Nations’ Sustainable Development Goals (SDGs).

These SDGs are related to a wide range of technical services provided by our four divisions to the different industry sectors.
### Energy & Industry Division
#### Core Services:
- Inspection
- Non-destructive testing
- Engineering and consulting
- Certification services
- Supervision, Quality Assurance and Quality Control
- Testing and analysis
- Vendor surveillance

**Principal Industries:** Oil and gas, power, telecommunications, construction, mining and aerospace.

### Automotive Division
#### Core Services:
- Statutory vehicle inspections for government programmes
- Driver-testing inspections
- Public-service vehicle inspections
- Off-leasing vehicle inspections
- Vehicle condition, emission and registration inspection
- Road-safety education

**Principal Industries:** Government and public transport agencies.

### Idiada Division
#### Core Services:
- Testing and engineering services
- Worldwide homologation and product certification
- Proving ground
- Design services

**Principal Industries:** Automotive.

### Laboratories Division
#### Core Services:
- Industrial testing laboratories
- Engineering
- Certification
- Metrology services

**Principal Industries:** Aerospace, automotive, electronics, construction and information technology.

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### OUR CLIENTS

The Applus Group’s businesses provide TIC services for a wide range of clients. Our Divisions’ principal sectors and supply chains cover the **Oil and Gas** and **Automotive industries**, including statutory-vehicle-inspection programmes and automotive and OEM testing, homologation and engineering.

### BUSINESS DIVERSIFICATION AND SUSTAINABILITY

The Applus Group’s revenues from the Oil and Gas sector continue to be a less significant percentage of the Group’s total revenues as our services expand their diversification into renewable energies among others.

In the Group’s contribution to decarbonised the economy as businesses transform to sustainable energy solutions, the Group has increased its service portfolio for long-term sustainability along two lines of action: to expand the diversification to the Power sector, specifically into the Renewable sector, and to develop technologies that reduce emissions and foster the next generation of electric vehicles.

The Divisions at the Applus Group are also harnessing digitalisation for new services and TIC processes, which target new methodologies to conduct remote inspections. These reduce the health and safety risks of our teams’ on-site presence, as well as environmental impacts from transport. Other recent service innovations include aerial asset inspections which deploy UAV drones, digital twin modelling to improve quality on pipeline or vessel welding, or virtual simulation in automotive development.

The **renewable energy sector** is a strategic sector for the company. The Group’s TIC services for the renewable-energy sector support projects across all phases, starting with inception through to the construction phase and including the operation and maintenance phases.

In the past two years, the main highlights are:

- **2017**
  - Created **renewable-energy unit** within the Group to develop business lines for a service portfolio focused on assisting clients throughout all of the phases of a renewable-energy construction and production project.

- **2018**
  - Developed strategic plan for renewable-energy business globally to be implemented consistently all over the world.

- **2019**
  - Applus+ won major contracts to oversee renewable energy projects, including the provision of engineering services, quality and technical supervision during construction, and on-going technical assistance in countries such as Mexico, Mongolia, Spain and Australia, as well as the Baltic Sea.

A twenty-six percent increase in revenue from the renewable-energy sector, with wind and solar technologies making a significant contribution.

A ten percent increase in revenue from the renewable energy sector.
The Applus+ Group’s services to the automotive sector are following the evolution of the innovative technological solutions for the electric vehicles and the tightening of regulatory controls to reduce vehicle emissions. Our Divisions’ services to manufacturers and public regulatory agencies add to the sustainable design and use of vehicles by supporting better quality, increased safety, environmental actions and operating efficiency.

New service capabilities for carbon emission reduction in 2019

Applus+ researched and developed solutions for electric-vehicle mobility and for reducing emissions from vehicles. The Group constructed and opened a new test track in Tarragona (Spain) for electric-vehicle development and testing; opened facilities to test the new generation of direct injection petrol engines (achieving a 15% reduction in CO₂ emissions); and opened a new e-motor test laboratory.

Quality and excellence

The Applus+ Group and our teams across the four divisions commit to the highest levels of service excellence because we understand that our clients’ satisfaction is crucial to the long-term sustainability of our business.

QUALITY MANAGEMENT APPROACH

The processes and the services we deliver operate in accordance with the international ISO 9001 standard. The quality management systems are deployed at local-level basis through a global HSQE Policy. These systems are accredited or certified and periodically audited by third parties, and our certificates have been maintained over long periods. At present, the Applus+ Group has legal entities in over 30 countries which operate certified, or accredited, quality-management systems. The 30 countries are in North and South America, Europe, Africa, the Middle-East and the Asia-Pacific.

To go beyond the expectations of our clients, we deliver operational excellence by focusing on six aspects which underpin client satisfaction and their demands.

- QUALITY: We have a systematic approach to developing quality in our services to achieve client satisfaction.
- SERVICE DELIVERY: We offer knowledgeable advice by means of a quick and flexible service.
- KNOWLEDGE: Our people are technicians and engineers with high technical qualifications.
- INNOVATION: Our innovation efforts add value to our clients’ products, assets and services.
- STRATEGIC ALLIANCES: We partner private companies and public bodies to advance global technology solutions.
- ACCREDITATIONS AND CERTIFICATIONS: Our accredited and certificated services confirm our TIC sector expertise and create value for clients.

As part of the Group’s commitment to quality management, in 2019 we celebrated our third World Quality Day (WQD), sharing insights with our employees on how we are all “Quality Leaders”. As part of the communication package, we produced a video to show how each individual plays an invaluable role in ensuring the Group’s services meet the quality standards and requirements of our clients.

World Quality slogan:

“We are all Quality Leaders”

We can achieve excellence through procedures, documentation of the activities and performance evaluation.

- Procedures are more than just documents
- Document your activities
- Monitoring means improvement

ACKNOWLEDGEMENTS

Our accreditations and certifications confirm our knowledge and expertise with third-party recognitions, and these allow the Group to deliver services with the confidence of our clients. In 2019, the main progress achieved in this area is:

- Applus+ in Uruguay received its accreditation certificate from the OUA, Uruguay’s official accreditation agency. Applus+ is the only company in Uruguay to hold the ISO/IEC 17020:2012 accreditation. The standard sets out the technical requirements required to act as an inspection body, and covers motor and passenger vehicles providing services under the jurisdiction of Uruguay’s National Transport Directorate (DNT), and heavy goods vehicles with loads exceeding 3.5 tonnes that are subject to DNT registration.
- In the USA, the Smog DADey OBD Data Acquisition Device developed by Applus+ was re-certified by the California Bureau of Automotive Repair (BAR). BAR tests the device annually to ensure it meets the BAR’s stringent requirements for a device to test vehicle emissions.
- Applus+ received the Visa accreditation for testing VMCPs (Visa Mobile Contactless Payment Specification) v1.4.4 and Broker Interface v1.0 of products VMPA (Visa Mobile Payment Application). Similarly, the Division achieved accreditation for the new interoperability testing EMV L1 PCD to certify contactless terminals, and it also received EMVCo accreditation as a laboratory for mobile-payment assessment based on software (SBMP), and SOGIS accreditation to evaluate security on hardware devices with security boxes under the Common Criteria methodology.
- Applus+ achieved a new acknowledgement from a global car manufacturer to perform electromagnetic compatibility testing of components for its new vehicles.
- The Division has received ISO/IEC 17065 accreditation for the Applus+ Fire Safety certification mark.
- In Mongolia, Applus+ was acknowledged as a technical inspection body in accordance to MNS ISO/IEC 17020:2013, as well as for the inspection services for non-destructive testing, according to the rules of the American Society of Mechanical Engineers (ASME), American Welding Society (AWS), Mongolian National Standard (MNS) and other international standards.
- Applus+ achieved the accreditation as an environmental control body by Catalonia’s Department for Territory and Sustainability (Spain) for statutory inspections of air emissions.
• Applus+ in Asia & Pacific achieved accreditations according to the ISO 17025 standard for non-destructive testing, covering radiographic and ultrasonic testing methods, computed radiography, A-scan, internal rotary inspection system and high-frequency eddie current testing (ECT) at six of its facilities in Australia (Chinchilla, Kwinana, Darwin, Karratha, Melbourne y Perth) and at Port Moresby in Papua New Guinea.

• The Applus+ Group achieved a new accreditation for stationary inspection of pressure equipment in Portugal.

• In Spain, Applus+ was newly accredited to carry out electromagnetic compatibility (EMC) testing and evaluations of human exposure to electromagnetic fields under UNE-EN ISO/IEC 17025:2005.

• Applus+ in Spain has achieved new ENAC accreditation for testing laboratory in Sada, A Coruña (Spain), widening the scope of its accredited services to include the quality control of inland bodies of water (rivers, lakes and reservoirs) under ISO/IEC 17025:2017 standard.

• In Canada, Applus+ achieved the designation as Foreign Certification Body by the Ministry of Innovation, Science and Economic Development and as Certification Body for radio-electric devices.

• Applus+ in the Netherlands received approval from DNV-GL to provide services for the classification of offshore objects.

• In the United Arab Emirates, Applus+ received a number of new accreditations.
  » ISO 17024 - Dubai Accreditation Center (DAC) accreditation for operator certification in lifting equipment in the Construction and Oil and Gas sector;
  » Pre-qualification for intelligent pigging services with the Abu Dhabi National Oil Company (ADNOC) ADNOC HQ in the Oil and Gas sector;
  » DAC accreditation for elevators and escalator inspections in the Construction and Building sector;
  » Abu Dhabi Centre for Vocational and Education Training (ACTVET) approval for training services in the Construction and Oil and Gas sectors; and
  » IRATA approval for rope access services in the Oil and Gas industry amongst others.

• In the USA, Applus+ achieved further approvals from different clients for our NDT services, including X-ray (film & digital), radiographic testing (RT), magnetic testing (MT) and remote digital reading among others.

CLIENT FEEDBACK

The Applus+ Group maintains regular and continual communication with its clients at all levels because we believe good client relationships are a key route to improve the company’s performance.

We meet frequently with our clients to develop our services, and we communicate continually with our clients when developing projects to review progress and results.

To gain feedback and insights through a variety of methods, we organise open days, road shows, conferences and technical forums for our clients, and we periodically survey our clients on their satisfaction and suggestions for improvements.

We also have local systems for complaint management to analyse and quickly remedy issues raised from any claim. In 2019, we received 554 customer complaints, of which 421 are already closed and the remaining are in the process of resolution.

In 2019, many clients recognised the business excellence delivered by Applus+, rewarding our high-quality performance when delivering different services across the Group's four divisions. Our clients' recognition is critical to us, so we are pleased to highlight the notable awards and recognitions:

• Applus+ in Denmark was nominated for the fifth consecutive year as the inspection company of the year at Denmark’s annual Automotive Award Show, winning the “Best initiative” category with our national Applus+ GoKart tournament for the Division's B2B customers. In further recognition from the industry, Applus+ were named “Car Inspection Company of the Year” at Denmark’s Auto Awards.

• Applus+ in China were recognised with the Visa Award for Best Performance for Testing Services of Chip Card Acceptance Device Products.

• In the Mediterranean region, Applus+ received a letter of recognition from an important client in the Power sector commending the work delivered by our structural-inspection team.

• In Northern Europe and Asia Pacific regions, Applus+ received three awards from a multinational power company recognising our work on innovation and technology. In Australian, a major mining company congratulated our team for delivering excellent NDT work and service required during a shutdown of the plant.

• In Latin America, for the second consecutive year, Applus+ was awarded with the Productivity Prize by the Industrial Union of Panama (SIP).

• In the Middle East & Africa region, Applus+ received awards for the quality of the services provided to an oil and gas major. Our team were recognised for its contribution to different projects developed at different refineries. In Nigeria, Applus+ received congratulations from another oil and gas major for deploying our services at short notice and to a tight schedule.

• In North America, the Applus+ Group’s operations in Richland, Washington received a letter of recognition for the quality and excellent service when delivering services at the Purex Tunnel 2 Stabilisation Project.

Strategic alliances

To further develop the TIC practises in the sectors we operate, we are members of various industry organisations and associations. This collaboration allows us to participate in permanent working groups for new developments; to foresee new regulatory changes; and to identify and understand expectations and requirements of our stakeholders linked to the activities of the organisations or associations.
**TECHNICAL FORUMS**

- The Applus+ Group is a member of CITA (International Motor Vehicle Inspection Committee), and we are represented on all of the working groups: WG1 (Safety Systems); WG2 (environmental protection systems assessment); WG3 (training and quality outcomes of inspections); WG4 (continuous compliance); and WGs (information systems). Our professionals’ involvement in CITA’s working groups allows the Group to address the main issues in the area of automotive safety and the sector’s environmental impact.

- Applus+ participates in European Strategy on Cooperative Intelligent Transport Systems (C-ITS) adopted by the European Commission in 2016, which is a milestone initiative to develop cooperative, connected and automated vehicles and mobility. The C-ITS’s objective is to facilitate the convergence of investments and regulatory frameworks across the European Union to realise the deployment of mature C-ITS services from 2019 onwards.

- The Applus+ Group is member of the Spanish Association of Defence, Aerospace and Space Technology Companies (TEDAE), representing and promoting its members’ interest both nationally and internationally.

- Applus+ participates in Pipeline Research Council International (PRCI), which is a community of the world’s leading pipeline companies and their vendors, service providers, equipment manufacturers and other organisations supporting this sector.

- Applus+ participates in the International Federation of Automotive Engineering Societies (FISITA), through the membership of IDIADA and Automotive Division at STA (Society of Automotive Technicians). Moreover, IDIADA holds the presidency of STA. Members of these forums share knowledge on automotive engineering and contribute to the development of new technologies worldwide.

- Experts in cybersecurity at Applus+ are actively involved in the Spanish Committee on Cybersecurity and Privacy Standardisation (UNE-CTN320). The team from the Laboratories Division participate in the SC3 Security evaluation, testing and specification; SC4 Cybersecurity management systems; SC4 Security services; SC5 Data protection, privacy and identity management; and in the SC6 Product security.

- Applus+ is actively involved in the development of new test standards through our membership of the European Telecommunications Standards Institute (ETSI). The organisation is responsible for producing globally applicable standards for information and communication technologies, including fixed, mobile, radio, broadcast, internet and aerospace.

- Applus+ is a member of ASTM International, operating over 12,000 ASTM standards globally. ASTM standards enhance performance and bring confidence when purchasing goods or services. ASTM harnesses the expertise of over 30,000 members to create consensus and improve performance in manufacturing and materials, products and processes, and systems and services.

- Applus+ is participating in various committees at the TIC Council, a new international association representing independent TIC companies and set up from the merger of the former global TIC-industry organisations, the IPIA and CEDC.

**SOCIAL RESPONSIBILITY**

- The Applus+ Group joined the UN Global Compact, committing to its “Ten Principles” related to human rights, labour, the environment and anti-corruption.

- The Group is a member of FORÉTICA, a leading association for CSR, sustainability businesses and professionals in Spain and Latin America.

- Applus+ in Spain is a patron of the ADCOR Foundation, which is a non-profit organisation dedicated to supporting equal work opportunities with people of different capabilities in A Coruña, Spain.

- Our technical experts at Applus+ work closely with the European Standardisation Committee (CEN). European Standards (ENs) are based on a consensus, which reflects the economic and social interests of 34 CEN Member countries, channelled through their national standardisation organisations.

- In 2019, the Applus+ Group’s rating by CDP achieved a “B”. The CDP is a non-profit organisation that directs the global disclosure system for investors, companies, cities, states and regions in order to manage their impact on the environment.

- Applus+ included into the FTSE4Good IBEX index in June 2019.

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**NEW OFFICES IN PORTO, PORTUGAL**

Applus+ has been working on various projects in Portugal since 2014, and the opening of this office constitutes a further commitment to the development of the company in the country.

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**NEW CALIBRATION LABORATORY IN SAN FERNANDO DE HENARES, SPAIN**

Applus+ acquired Laboratorios de Ensayos Metrologicos (LEM), a company specialized in legal metrology. LEM’s regional offices will be incorporated to the Applus+ network of laboratories in Spain to offer an increasingly local service.

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**ACQUISITION OF LEM LABORATORIES IN SPAIN**

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**FIRST OFFICE INAUGURATED IN ALGERIA**

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**NEW FACILITY INAUGURATED AT WALKERTON IN THE MUNICIPALITY OF BROCKTON**

Ontario, Canada

The Energy & Industry Division at Applus+ has developed its operations in Walkerton (Canada) to meet the industry’s demands for quality testing and inspection services.

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**Business expansion**

As a global leader in the TIC sector, the Applus+ Group develops an investment and growth strategy to offer its clients the best global service with a local proximity. As part of these plans in 2019, the Group’s expansion reached new milestones in core markets and sectors:
ACQUISITION OF THE LABORATORY A2M INDUSTRIE

The Applus+ Group acquired the French laboratory A2M Industrie, specialized in materials testing, strengthening the position of the Laboratories Division as a strategic supplier to the aerospace sector.

ACQUISITION OF LEM LABORATORIES IN CHILE

Applus+ has widened its presence in Chile with the 100% acquisition of LEM Laboratories, dedicated to testing and inspecting materials for civil engineering projects in mining, construction and the industrial sector.

ACQUISITION OF TALON TEST LABORATORIES

The Applus+ Group acquired US-based Talon Test Laboratories, a specialist in non-destructive testing (NDT) for the Aerospace sector. With this acquisition, Energy & Industry Division strengthens its presence in the North American markets.

Innovation

The Divisions’ teams across Applus+ collaborate with their clients to improve the effectiveness and efficiency of their industrial and manufacturing processes. This search for solutions that add value, safety and sustainability for clients is a permanent focus, together with the development of new services to give answers to business needs. We understand innovation as a constant and multidisciplinary effort, in which we invest significant human and financial resources.

KEY FIGURES

Number of agreements with external bodies (total and per division)*

<table>
<thead>
<tr>
<th>Year</th>
<th>IDIADA Division</th>
<th>Laboratories Division</th>
<th>Energy &amp; Industry Division</th>
<th>Automotive Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>18</td>
<td>28</td>
<td>19</td>
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<tr>
<td>2018</td>
<td>19</td>
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<tr>
<td>2019</td>
<td>28</td>
<td>28</td>
<td>19</td>
<td>3</td>
</tr>
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</table>

Number of Innovation projects (total and per division/level)

<table>
<thead>
<tr>
<th>Year</th>
<th>IDIADA Division</th>
<th>Laboratories Division</th>
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<tbody>
<tr>
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<tr>
<td>2018</td>
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<tr>
<td>2019</td>
<td>200</td>
<td>84</td>
<td>11</td>
<td>17</td>
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</tbody>
</table>

Employees involved (not full-time dedicated)

<table>
<thead>
<tr>
<th>Year</th>
<th>IDIADA Division</th>
<th>Laboratories Division</th>
<th>Energy &amp; Industry Division</th>
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</thead>
<tbody>
<tr>
<td>2017</td>
<td>761</td>
<td>825</td>
<td>881</td>
<td>355,568</td>
</tr>
<tr>
<td>2018</td>
<td>304</td>
<td>351</td>
<td>163</td>
<td>353,568</td>
</tr>
<tr>
<td>2019</td>
<td>264,241</td>
<td>867,103</td>
<td>264,241</td>
<td>355,568</td>
</tr>
</tbody>
</table>

Employees and hours

<table>
<thead>
<tr>
<th>Year</th>
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</table>

Activities to promote our innovation work

<table>
<thead>
<tr>
<th>Year</th>
<th>Oral contributions to technical events</th>
<th>Technical publications</th>
<th>Training sessions**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>93</td>
<td>65</td>
<td>87</td>
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<tr>
<td>2018</td>
<td>97</td>
<td>50</td>
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</tr>
<tr>
<td>2019</td>
<td>87</td>
<td>68</td>
<td>15</td>
</tr>
</tbody>
</table>

*The number of agreements depends on the number of ongoing collaborative R&D projects and the number of technical contracts, which require collaboration with suppliers for technology transfer. The number of active agreements may fluctuate, which does not mean a disengagement from the relationships with third parties to promote technical exchanges.

**The number of training sessions depends on the changes in regulations, standards or new testing, inspection or certification procedures that have to be communicated to the clients. Our experts provide tailor-made training for their clients and market needs, and this training is not recurrent year after year and is not constant in each region. The fluctuation does not indicate that the trend is necessarily downward since the figure may be higher the following year.

Technical publications

<table>
<thead>
<tr>
<th>Year</th>
<th>IDIADA Division</th>
<th>Laboratories Division</th>
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Innovation

The Divisions’ teams across Applus+ collaborate with their clients to improve the effectiveness and efficiency of their industrial and manufacturing processes. This search for solutions that add value, safety and sustainability for clients is a permanent focus, together with the development of new services to give answers to business needs. We understand innovation as a constant and multidisciplinary effort, in which we invest significant human and financial resources.
During 2019, a total of 22 new patents were granted, with an increase of one patent family. To optimise and rationalise the patent portfolio, granted patents decreased by four and patent families by two. As a result, the Group increased the net accumulated patent portfolio by 18 patents to a new total of 98 valid patents, while the number of active patent families has decreased from 31 to 30.

**DIGITAL TRANSFORMATION PROJECT**

The Digital Transformation Project at Applus+ is a transversal initiative launched at the end of 2018 to coordinate and monitor the evolution of the Group’s digital transformation plan. Embracing digitalisation continues the Group’s practice of introducing technological invention and advances into our business lines to become a world leader in the TIC industry in the last 20 years.

Digital Transformation Project is a global initiative led by a committee of multi-disciplinary professionals from the Divisions and Corporate centre. The goal of the Digital Transformation Project is to guide the Group in a coordinated response to the eruption of digital technologies across all industries and the TIC sector. This is speeding up the Group’s innovation process, while anticipating the needs of our clients and becoming more competitive and efficient.

The Group’s businesses have already introduced new digitalised processes into services over the previous years, with solutions for several industries such as IoT-based solutions for monitoring; machine learning; augmented reality and virtualisation for testing; and digital platforms for client data management.

These innovations have added value to traditional service portfolios and, in some cases, have led to new services or business lines, providing alternative solutions to the clients. In addition, mobility solutions, automation solutions and cloud-based IT infrastructure have contributed to improvements within the Group’s operations.

The Digital Transformation Project promotes the development of digital solutions and initiatives across the company based on defined roadmaps. In parallel, a specific communication plan to stakeholders reinforces these initiatives. The project will allow Applus+ to continue adapting to the challenging scenarios as these emerge, and anticipate the future of this business and technological evolution to well-defined strategic goals.

**OUR INNOVATION PROJECTS**

**INDEPENDENT COLLECTION AND ANALYSIS OF HEAVY-DUTY VEHICLE ON-BOARD DIAGNOSTIC DATA**

On-board diagnostic (OBD) systems on motor vehicles have become an essential method for monitoring components that can affect the emission performance of a vehicle. OBD systems monitor and ensure the proper state of a vehicle’s emission-related components during its entire life.

Most motor vehicle models driving in California must be equipped with this self-diagnosis system, and many states currently use the OBD system to check compliance during inspection and maintenance programmes, for example on California’s Smog Check programme. For heavy-duty vehicles (HDV) in the future, on-board diagnostic systems will have to be incorporated as part of any inspection and maintenance programme.

The California Bureau of Automotive Repair (BAR), regulator for on-board diagnostics system on vehicles sold in California, certifies the OBD complies with their requirements for OBD systems. The Applus+ proprietary device developed by the Automotive Division, called Smog MobiOBD Data Acquisition, has been re-certified by BAR as a recognised OBD system for collecting and analysing OBD data for heavy-duty vehicles.

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**C-MobiLE**

C-MobiLE is an innovative project that envisions completely safe and efficient transport on European roads, without casualties and serious injuries, by adopting state-of-the-art technologies in communication, road-side architecture and service-delivery concepts. The project sets out to define a transport architecture that is interoperable cross-border among the sites of deployment and utilises hybrid communication technologies.

C-MobiLE provides the framework for large-scale deployment of Cooperative Intelligent Transport Systems (C-ITS) in Europe, elevating pilot sites to deployment locations for sustainable services with the support of local authorities. C-MobiLE will take a common approach to ensure interoperability and seamless availability of C-ITS services, while presenting an acceptable cost for the end-users to enhance the business case for organisations in the supply chain.

The project is intended to accelerate C-ITS Mobility innovation and deployment in Europe, with an open platform provided for C-ITS sources to support deployment of service concepts on commodity devices, which are validated by developer communities. The app is operative in Barcelona and several other European cities.

The project, led by Applus+ IDIADA Division, is a collaborative initiative funded by the European Commission under Horizon 2020 Programme.

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**INTERSECTION 2020 PROJECT**

The IDIADA Division, with the support of the Bundesanstalt für Straßenwesen (BASt), is leading a private research initiative to study the anatomy of vehicle accidents at different types of road crossings in Europe. Members of the automotive industry drive the project to develop a methodology for testing the Autonomous Emergency Braking (AEB) systems at crossroads, which present a new and more challenging scenario for these systems.

Research in the first stage of the project focused on the study of accidents at different types of road crossings found in Europe. From this study, the most common accidents were selected as the main test cases. To develop an appropriate test methodology, data on accidents was contrasted with statistical analysis of the data recorded through a Naturalistic Driving Study (NDS).

The project was aligned with the Euro NCAP 2025 roadmap that aims to deliver improved passenger safety. The methodology developed during the project was presented to Euro NCAP at the AEB working group, and the results have been included in the Euro NCAP 2020 AEB Car-to-Car protocol: the Car-to-Car Front turn-across-path (CCFtap) test scenario.

Through industry discussions, the project was also aligned with other R&D initiatives at the Applus+ Group, such as the EU-funded PROSPECT project. This alignment also helped to define the road layout where AEB Vulnerable Road-Users and AEB Car-to-Car were tested.

As a result of the knowledge resulting from the cooperation with 17 partners over the project’s two years, a derivative project, EVADE 2022, has begun to continue the work for the AEB tests at crossroads. This spin-off project sets out to understand and develop a methodology to test emergency management systems, and understand and define ways to mitigate the gravity or even avoid head-on collisions.
DIGITAL TWIN CAPTURE OF LARGE VESSELS ON AN OIL & GAS MAJOR'S LNG PROJECT

The Energy & Industry Division at Applus+ in Australia supplied their expertise to develop NDT and remote visual inspection (RVI) methods at a large Liquefied Natural Gas (LNG) project in October 2019.

Using LiDaR (Laser point cloud) and photography equipment, the technicians at Applus+ were tasked, as part of a RVI-scope exercise, to baseline the internals of 10 large vessels, typically of four metres diameter and twelve metres long. The agreed baseline-strategy for the vessels was to develop high-fidelity visual digital twins using a combination of LiDar and photogrammetry. The camera equipment included bespoke arrays developed specifically for this project to assist with capture speed and photographic overlap accuracy.

Prior to the shutdown, the vessels were ported from two-dimensional drawings to 3D CAD assimilated in a virtual reality (VR) environment to assist with developing a capture strategy. These models will also assist in creating low-poly digital twins.

CIMSA ADOPTION: CASE INSPECTION MANAGEMENT SYSTEM AT Applus+

To introduce new technology into inspection services and provide a more efficient service to our clients, the Energy & Industry Division in the LATAM region has implemented different systems to improve in-field or on-site mobility.

In Colombia, the CIMSA mobility tool developed by Applus+ has been adopted into inspection services as a Field Service Management tool to support multiple-process operations more efficiently on four business lines. In addition, the SGAplus tool created by Applus+ in Colombia for the Power sector service line has also been implemented in collaboration with our clients.

INTELLIGENT INTERACTION BETWEEN HUMAN AND ARTIFICIAL INTELLIGENCE

Applus+ in Germany will be the application partner for radiographic testing (RT) on the Visual Digital Project, supporting the German government’s initiatives to shift to the future “Industry 4.0” and the Internet of Things (IoT).

The overall goal of the project is to explore Augmented Intelligence Systems for non-destructive testing, which will increase the reliability of inspection processes by expanding human capabilities through Artificial Intelligence (AI). The project explores how meaningful human-machine interaction in NDT can combine the skills and abilities of human and AI to achieve a better and safer test result.

PAV-DT PROJECT: INNOVATING THE REAL-TIME MONITORING OF ROAD PAVEMENTS

The Energy & Industry Division in Spain participates on the European funded Project PAV-DT, aimed at creating an economical and easy-to-install real-time measuring device and system for road pavement monitoring.

Thanks to this disruptive technology and new system, vehicles travelling on the roads will be able to gather information regarding the pavement condition, from where the data will be sent to a server for clients to access the latest information on the condition of the pavements. Furthermore, our client’s engineers will receive information, which will allow them to take the necessary actions to repair the pavement. Through this project, the clients’ vehicles will be converted into very low-cost real-time pavement inspection equipment.

Applus+ is responsible for testing and validating the previously developed prototype. On approval, Applus+ will carry out the tests in collaboration with the company who are developing the technology to demonstrate the device to clients in the field.

DISCOVERING DRIVING PATTERNS IN INDIA

Extreme traffic and driving conditions can present significant challenges to the overall durability of a vehicle. Within the Automotive sector, India is recognised as one of the most severe environments for driving conditions, which can result in a deterioration of braking systems on vehicles.

To overcome this, the IDIADA Division at Applus+ has investigated the durability patterns of the brakes in Delhi (urban landscape) and Pune (countryside). The results were compared with other major programmes in Shanghai (China), Los Angeles (USA), Barcelona and Mojácar (Spain).

This research to identify local driving patterns and conditions has assisted our teams to support the needs of the Indian automotive sector by tailoring specific high-quality products and services.
Applus+ CREATES HYBRID DIGITAL TWINS FOR WELDING ENGINEERING APPLICATIONS

Applus+ in Canada is offering hybrid digital twins for welding engineering applications, which combine simulation tools with machine learning algorithms for data-driven prediction using limited amount of data, which is in contrast to typical big data analysis. These hybrid digital twins can assist welding engineers to improve weld integrity and quality for complex processes in which CPU (Central Processing Unit) time is a bottleneck in decision-making.

An example of application based on this approach, funded through the Industrial Research Assistant Program (IRAP) from the Canadian Government, is the digital twin for active exploration of different welding scenarios. Weld engineers can quickly evaluate the distortion profile for any overlay welding pattern. Additionally, this new system allows automating recommendations for the best weld pattern. The system can also help to find the best weld sequence in structures comprising multiple welds, helping clients to improve the integrity and safety of welded structures.

R&D PROJECTS IN CYBERSECURITY DEVELOPED BY THE LABORATORIES DIVISION

The cybersecurity laboratories at Applus+ have developed a new methodology to attack secure chips using laser technology. The new “Lateral Laser Fault Injection” attack was presented publicly at the Conference Fault Diagnosis and Tolerance in Cryptography in Atlanta, United States. Our technicians developed the attack method as part of the laboratory’s R&D projects, specialised in conducting security evaluations of hardware and software products by using the most advanced methods to detect vulnerabilities in IT products.

Additionally, our experts have developed capabilities to carry out new cyberattacks on mobile devices to improve the security of the data storage.

EUROPEAN PROJECTS FOR IMPROVING THE PERFORMANCE OF COMPOSITE AEROSPACE COMPONENTS

In contribution to improve sustainability within the aerospace sector, Applus+ is participating in several European projects to improve both the performance and the manufacturing processes of composite materials used to manufacture aerospace components.

The projects aim to reduce the weight of the aircrafts and therefore reduce fuel consumption and CO₂ emissions. Applus+ participates in several EU projects such as TABASCO, ADDAPTA SEALS and NHYTE to help design more efficient parts with the application of innovative materials, and in the FORMIT project, focused on developing continuous forming processes for thermoplastic carbon-fibre materials.

INNOVATION THROUGH COLLABORATION

PARTICIPATING ON THE SPANISH COMMITTEE ON CYBERSECURITY AND PRIVACY STANDARDISATION

Experts in cybersecurity at the Laboratories Division are actively involved in the Spanish Committee on Cybersecurity and Privacy Standardisation (UNE-CTN320), where Applus+ has held the presidency since 2018. Applus+ participates in the SC1 Cybersecurity management systems; SC3 Security evaluation, testing and specification; SC4 Security services and SC5 Data protection, privacy and identity management; and in the SC6 Products security.

Applus+ PARTICIPATED IN THE 26TH EDITION OF THE WORLD ROAD CONGRESS

At the World Road Congress (WRC), the Energy & Industry Division from Spain and the Middle East presented a paper entitled “Towards Digital Roads” and showed the Division’s latest technologies applied in the field of road infrastructures. The event was organised by the Abu Dhabi Department of Transportation, the United Arab Emirates Ministry of Infrastructure Development and the World Road Association.
The IDIADA Division has been collaborating on ADAS&Me project, within the EU European Union’s Horizon 2020 Research and Innovation programme, to develop Advanced Driver Assistant Systems (ADAS). The ADAS project aims to develop driver assistant systems with adaptive interaction to automatically transfer control between vehicle and driver/rider to avoid collisions and ensure safer and more efficient road use.

In December 2019, the project’s final event was held at the IDIADA Division’s facilities in Spain to an audience of 80 stakeholders from academia, industry and public administrations. A total of five cases have been developed for different vehicle types (car, truck, bus and motorcycle) to test systems to make road-use safer and more efficient at different levels of automation.

Applus+ participated at the 72nd IIW Assembly and International Conference in July 2019 in Bratislava, Slovakia with the presentation “Effect of the spot welding simulation strategy on analysis of performance in automotive parts”. The talk was given by our Canadian expert in applications of simulation techniques and digital twin in welding engineering.

Applus+ in the Netherlands participated in the International KINT Symposium 2019, speaking on the topic entitled “Phased Array Ultrasonic Testing (PAUT) of welds in thin-walled materials”. The symposium shared results of the KINT SKOP project “Development of Acceptance Criteria for the mechanised UT Phased Array Technique on welds in thin walled ferritic steel”. The event offered participants the opportunity to exchange knowledge with similar programmes elsewhere.

Applus+ is member of the worldwide SPRINT robotics, a worldwide non-profit foundation that promotes the development, availability, application and marketing of robotic techniques in technical inspections and maintenance projects. Experts from Applus+ attended the organisation’s roadshow events and seminar. These events showcased at major client sites, and brought together multiple stakeholders to discuss current and future robotic solutions for the inspection and maintenance of oil and gas facilities.

Applus+ participated actively in two EU research initiatives PEMS4NANO and PaREGEn, which finished in December 2019. The projects closed with a final event in November 2019 organised at the IDIADA headquarters, where results of both projects were presented to a wide audience of automotive manufacturers, policy makers and research partners.

- **PEMS4NANO** (Nano Particle Emission Measurement System) is a European project that has developed equipment and measurement procedures down to 10nm particles produced in emissions. The research contributes to the future regulation on particle emissions, in particular in real-driving conditions. The results of this project are contributing to the automotive industry’s drive to provide suitable solutions for vehicle-emission technologies to reduce particle emissions.

- **PaREGEn** (Particle Reduced Efficient Gasoline Engines) is a European Project aimed to demonstrate a new generation of petrol direct-injection engines can achieve a ≥ 15% reduction in CO2 emissions, through the optimal combination of advanced engine technologies and robust after-treatment technologies.
The new technology reduces recurring and non-recurring costs and provides better quality compared to other existing production methods. A+ Glide Forming has been developed through various R&D projects, such as ROLLFLEXFORM and DRYFORMING, and was carried out in collaboration with EURECAT Technological Centre through partial funding by ACCIÓ (Catalan regional development agency) and with the support of manufacturers. New thermoplastic processes for A+ Glide Forming have also been developed within the European Clean Sky project FORMIT.

Many technologies were developed under the PROSPECT project, funded by the European Commission and coordinated by IDIADA, which set out to significantly improve the effectiveness of active safety-systems for vulnerable road users compared to those currently on the market.

The Nadcap accreditation organisation for Aerospace has awarded the laboratory's services in composite materials testing. In addition, a major aerospace manufacturer also awarded the laboratory a “Merit” rating for the quality of its processes and customer service.

At the Division’s IT Laboratory in Shanghai, our team received the Visa Award for “Best Performance for Testing Services of Chip Card Acceptance Device Products”, for the third consecutive year, recognising the Division’s quality, integrity and customer-oriented services.

A+ Glide Forming is an innovative technology developed and patented by Applus+ for the forming of stringers with complex curves. This new technology is aimed at supplying the aerospace industry with a new automated forming process for carbon-fibre reinforcements. The A+ Glide Forming provides a flexible, low investment, high productivity method of forming extremely complex stringers on aircraft. This new manufacturing process was nominated as finalist for the JEC Innovation Award 2019.

The new technology reduces recurring and non-recurring costs and provides better quality compared to other existing production methods. A+ Glide Forming has been developed through various R&D projects, such as ROLLFLEXFORM and DRYFORMING, and was carried out in collaboration with EURECAT Technological Centre through partial funding by ACCIÓ (Catalan regional development agency) and with the support of manufacturers. New thermoplastic processes for A+ Glide Forming have also been developed within the European Clean Sky project FORMIT.

Our Corporate Purchasing Department is responsible for the Group’s procurement practices, leading the whole process from the definition of purchasing policies and procedures for suppliers to their precise implementation along the entire value chain. The Group’s purchasing policies set the minimum requirements for our businesses to develop local policies and provide the main guidelines for implementation.

The Department ensures the successful deployment of our policies in every country where we operate. The corporate team leads and monitors the performance of the divisional/regional/country teams responsible for fulfilling the policy’s directives at a local level.

Impartiality and independence, responsibility, integrity and transparency are key concepts in our procurement process, as well as the supplier’s commitment in our social and environmental standards.

All of the Applus+ Group’s suppliers undergo an objective vetting process prior to working with the Applus+ Group or companies, which includes assurance of the supplier’s fiscal, environmental, labour and human rights compliance; the revision of anti-corruption procedures; data protection practices; and current PPE legislation for each country.

The Applus+ Group’s principles for supplier relations are set out in the Global Procurement Policy.
SOCIAL AND ENVIRONMENTAL INVOLVEMENT OF SUPPLIERS

The percentage of new suppliers screened using environmental and social criteria is 78%. The scope of these figures is limited to countries covered in SAP (47%).

The Group has not identified any operations or suppliers in which the rights to freedom of association and collective bargaining may be at risk.

SUPPLY CHAIN

Efficient supply-chain management is a crucial issue for the Applus+ Group because our procurement involves a significant amount of the Group’s spend. In 2019, the total spend with suppliers was €378 million, and the total number of suppliers to Applus+ all over the world was 193,644.

The purchasing policy of the Applus+ Group covers operational needs and requirements within the Group. The Purchasing Policy for suppliers is developed by constructing a solid base of suppliers and collaborators that offer goods and services in procurement with the best possible conditions for all of the Group’s companies, with the purpose of maximising the efficiency within the procurement process.

To become a supplier to the Applus+ Group of companies, the supplier must be approved to enter the Group’s supplier catalogue. Applus+ uses an online portal to communicate with its suppliers, and, following the extension of a procurement project to the countries covered in SAP, suppliers must access to this portal to become part of catalogue.

The Applus+ Group objectively assesses suppliers’ offers by considering objective criteria such as price, quality, delivery time, communication and collaboration, level of service, geographical national and international coverage, financial responsibility, technical and productive capacity, and synergies within the Group.

On approval, suppliers are required to adhere to our commitments related to Ethics, Compliance, the Environment and Health and Safety.

Our purchasing practices in each country reinforce the selection of local suppliers. The Applus+ Group, as a multinational company, has a key role to play in fostering the economic development in many countries around the world where we operate. Selecting locally-based suppliers is part of our sustainable practice linked to the supply chain, while offering our clients a closer service and reducing the impact of transport.

In 2019, the percentage of products and services purchased locally (at country level) was 90%.

To report any incident, communication channels are available for our suppliers, in which they may express any grievance either by using a specific email address or through the Ethics and Compliance Communication Channel at the Applus+ Group.

In 2019, Applus+ implemented a Supplier Diversity Policy within its US businesses. This policy consists of a business strategy that ensures a diverse supplier base for procuring goods and services by emphasising the creation of a supply chain that works to secure the inclusion of diverse groups, such as women or minorities, in the procurement plans. The Group implemented a tool to measure and report compliance with this policy by issuing a corresponding certificate. From this date, the mechanism is an additional tool to boost the application of diversity principles when an Applus+ company uses a supplier in the USA.

MONITORING

The Applus+ Group maintains different channels to ensure the fulfilment of purchasing policies. In 2019, new tools completed the ongoing mechanisms in place to improve control and avoid deviations from our policies.

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Frequent meetings</td>
<td>The Corporate Purchasing Department at the Applus+ Group holds frequent meetings with regional/country teams to monitor the fulfillment of the policies at a local level. These meetings reinforce the importance that suppliers comply with the purchasing standards, and control the day-to-day deployment of the applicable policies in each geographic area.</td>
</tr>
<tr>
<td>Internal audit</td>
<td>The Internal Audit Department at Applus+ monitors the fulfillment of the procurement policies and procedures. Each year, a monitoring plan is developed to conduct a deep control of the local deployment of our purchasing policies in the Applus+ businesses all over the world. In 2019, the compliance of 23 legal entities were monitored according to this plan.</td>
</tr>
<tr>
<td>Fraud control</td>
<td>Applus+ is working to guarantee the correct deployment of its purchasing policies in each country by means of a new fraud control application. This applies mathematical models that learn from the data and suggest potential fraud cases, based on known fraud patterns or unknown patterns discovered by the tool. Currently, this application is under development in Spain to fine-tune the model, with an implementation plan foreseen to extend its use to all of the Applus+ Group’s companies in the coming years.</td>
</tr>
<tr>
<td>Irregularities with suppliers</td>
<td>The Applus+ Group is developing a new channel to facilitate the collection of any irregularities related to suppliers during the purchasing process. A specific questionnaire linked to the corporate application for purchasing is available to all employees who are responsible for buying products and services anywhere in the world. With this tool, our Corporate Purchasing Department are informed on any non-compliance situation regarding suppliers and provided with a good source of information to take decisions about future purchases. This new grievance mechanism is already operating in Canada, UK, USA and Costa Rica, and the Group plans to extend the tool to all countries covered with our IT systems.</td>
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</tbody>
</table>

Aerospace quality-control testing
Economic performance

The financial results at the Applus+ Group are managed by the Board of Directors, the Group's Chief Executive Officer, the Chief Financial Officer and the Executive Vice-Presidents of the Group's divisions.

Every quarter at the Executive Committee meetings, the Group’s executive members and the directors of the corporate functional areas analyse and review the financial information and results disclosed by the Divisions.

INTERNAL CONTROL SYSTEM

As a listed company, the Applus+ Group’s consolidated financial statements are prepared in accordance with International Financial Reporting Standards, as adopted by the European Union (EU-IFRSs), and in conformity with Regulation (EC) no. 1606/2002 of the European Parliament and of the European Council.

In this respect, the Group has an IFRS Manual and a unique reporting package with homogenous charts of accounts applicable to all dependent companies to make estimates when recording transactions and ultimately when preparing the financial reporting package.

In addition, to mitigate the risk of any relevant errors occurring during the preparation of financial information, the Applus+ Group has designed an Internal Control System over Financial Information (ICFR). The system establishes the processes for the Board of Directors, the Auditing Committee, the Management and the Group’s personnel to ensure a reasonable level of security in relation to the reliability of the published financial information.

The Board of Directors is ultimately responsible for the existence and maintenance of the ICFR, with the function delegated to the Audit Committee. The model implemented by the Applus+ Group is fully described in Section I of the Annual Corporate Governance Report.

ICFR implementation is reviewed annually by an external auditor, with favourable outcomes since the company was listed in 2014.

In response to the Spanish law 11/2018 on non-financial information, Applus+ is working on expanding the reporting package’s content to be used by all the companies in the Group, with the inclusion of non-financial information (related to social, environmental, governance topics and others). Overall, and in line with the above, the Applus+ Group is improving the guidelines for reporting non-financial information.

Economic Value Added (EVA)

In 2019, almost eighty-seven per cent out of the EVA generated by Applus+ was distributed and just over thirteen percent was retained by the company.

Tax contribution

The main non-compliance of laws and regulations that could lead the Group to be exposed to sanctions are tax or fiscal breaches. To prevent this, the Applus+ Group’s fiscal strategy, approved by the Board and Directors, is focused on:

- Ensuring responsible compliance with prevailing tax laws, while safeguarding the corporate interests;
- Following the business strategy and values of the Applus+ Group, which require strict observance to the law and the criteria set by regulatory agencies in the conduct of our business;
- Developing and implementing best practices in areas of tax governance; and
- Combining compliance with tax obligations with a commitment to create value for our shareholders.

The Group monitors compliance with our fiscal and tax obligations in all the countries where we operate through a tool called Applus+ GRC.

The Applus+ Group operates according to defined internal procedures, which set out how the Corporate Fiscal Department must be informed and involved to minimise any possible sanctions in the event of inspection notifications. The Group is pleased to confirm that in the financial year ending on 31st December 2019, the Group received no significant fiscal sanctions.

A key priority for the Applus + Group is to fulfil our obligations for paying the taxes due in accordance with the applicable regulatory requirements in each territory. Income tax paid by the Group amounted to €44 million in 2019.

The following table shows the breakdown of the individual profit and tax and the income actually paid by the Applus+ Group per region:

<table>
<thead>
<tr>
<th>REGION</th>
<th>Profit before tax (thousands of Euros)</th>
<th>Income Tax Paid (thousands of Euros)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain</td>
<td>66,491</td>
<td>6,745</td>
</tr>
<tr>
<td>Rest of Europe</td>
<td>20,385</td>
<td>15,115</td>
</tr>
<tr>
<td>Middle East and Africa</td>
<td>15,711</td>
<td>11,785</td>
</tr>
<tr>
<td>US and Canada</td>
<td>12,760</td>
<td>17,650</td>
</tr>
<tr>
<td>Latin America</td>
<td>8,650</td>
<td>4,640</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>9,805</td>
<td>4,640</td>
</tr>
<tr>
<td>Total</td>
<td>154,016</td>
<td>71,765</td>
</tr>
</tbody>
</table>

(*) The individual profit before tax per region is net of dividends paid between legal entities within the Group. The other main difference from the consolidated profit before tax in the annual amortisation charge associated with the intangible assets in business combinations.
Our people

At Applus+, human capital is the Group’s greatest asset. The people who are part of the Applus+ Group are key to the company’s growth and development, and they form the centre of our essential corporate principles. Thanks to the work of our people and their professionalism, proficiency, enthusiasm and commitment, we can innovate, respond to the needs of our customers and maintain the prestige of our service excellence.

To put this into practice, we are strongly committed to our employees’ professional development by:

• Sharing the values of respect, equal opportunities and diversity among our workforce, in full compliance with international treaties and conventions relating to employment conditions.

• Being committed to attracting talented people and earning their loyalty by employing and developing local talent; and offering our employees support, training, flexibility and mobility throughout their careers within the Applus+ Group.

• Encouraging a close and transparent relationship with our employees to understand their needs and expectations, based on honest and fluent communication.

• Promoting health and safety, welfare and a safe environment for our employees and collaborators by developing action plans under a target “zero” vision and the principle that all accidents are preventable.

• Implementing new actions and practices throughout the company to respond to the challenges of a constantly evolving environment.

Our people in figures

NUMBER OF EMPLOYEES IN 2019 AND EVOLUTION

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>23,051</td>
</tr>
<tr>
<td>2018</td>
<td>22,852</td>
</tr>
<tr>
<td>2017</td>
<td>20,700</td>
</tr>
</tbody>
</table>

WORKFORCE PROFILE 2019

<table>
<thead>
<tr>
<th>Demographic</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women</td>
<td>20%</td>
</tr>
<tr>
<td>Men</td>
<td>80%</td>
</tr>
<tr>
<td>Ages</td>
<td></td>
</tr>
<tr>
<td>&lt;30 years</td>
<td>23%</td>
</tr>
<tr>
<td>30-49 years</td>
<td>60%</td>
</tr>
<tr>
<td>≥50 years</td>
<td>17%</td>
</tr>
<tr>
<td>Local</td>
<td>86%</td>
</tr>
<tr>
<td>Non Local</td>
<td>14%</td>
</tr>
</tbody>
</table>

In 2019, we published and disseminated the Applus+ Group’s Diversity and Equality Policy among our employees.

• The Policy describes the general principles of action for Diversity, Inclusion and Equality, and establishes the framework assumed by the Group for these areas.

• The Policy is addressed to all of the professionals within the Applus+ Group.

Moreover, the Applus+ Group endeavours to comply with, and promote, the international fundamental conventions and treaties in all the countries in which the company operates.

WORKFORCE RELATIONS PRACTICE

In every country where Applus+ has a presence, the Group tries to negotiate and adapt working conditions to our employees’ needs, and respect and protect the fundamental right to join a union and to freedom of association. This position is set out and operates in accordance with the approved local regulations, our policies and procedures and the Group’s Code of Ethics.

We respect our employees’ right to have collective representation, and we foster freedom-of-association by working in conjunction with our employees’ representatives, who are elected freely in accordance with the labour legislation in force in each country. And we nurture these commitments to motivate a committed workforce who our clients can rely on.

Currently, there are 16 countries where the Group has collective-bargaining agreements. The majority of these agreements include Health and Safety issues. In 2019, we signed or renewed 9 collective agreements.

We also actively encourage a culture of dialogue and negotiation with our employees’ representatives and social agents, promoting and maintaining permanent channels of communication as an active part of our corporate policies.

We have employee information and consultation mechanisms, taking into account the existing labour legislation in each location. For example, we respect statutory minimum-notice periods and give reasonable notice of any significant operational changes in line with local practices and labour markets.

ORGANISATION OF WORK

Corporate and local handbooks, which contain information related to the company and the general work conditions (annual working hours, rest breaks, paid leaves of absence, etc.), are delivered to our employees to keep them informed and updated so they are consistent with the effective legislation of each country, the applicable collective agreements and the policies and procedures of the Group.

In addition to these employment standards, we try to adapt our employees’ work to their personal needs, when possible.
And finally, we can report absenteeism was 1.9% of hours worked, out of the Group's total headcount in 2019.

WORKFORCE REMUNERATION POLICIES

Remuneration policy is developed from the criteria of objectivity, external competitiveness and internal equity.

REMUNERATION SYSTEM

The remuneration-setting process follows at all times the applicable legal provisions in each country where the Group operates. In those countries where this is required by law or cultural practice, the process includes the cooperation and opinion of workers' representatives.

At Applus+, we strive to foster and guarantee equal remuneration between the women and men who belong to our organisation. Our efforts to meet these equality and non-discrimination commitments are also set out in our Code of Ethics and the Global Anti-Discrimination Policy and Procedure.

EMPLOYEE RIGHTS AND BENEFITS

Applus+ provides well-being initiatives tailored to the needs and resources of our employees.

The social and economic benefit programmes provided by the Group vary inherently from place to place.

The main benefits included in this scheme are:

- Healthcare insurance
- Luncheon vouchers
- Monthly childcare voucher for children from 0 to 3 years
- Transport card

At Applus+, we are committed to the work-life balance of our people, and we provide flexibility strategies to ensure the balance between work and personal life.

- Legal entitlements and collective agreements to reduce the number of hours worked daily, or to adapt schedules for working hours, as far as possible, to assist employees to more easily care for and attend children or other dependent relatives.
- In addition, where possible, employees use remote IT connections, together with tele-conferencing facilities, to work from home and reduce commuting for meetings.

We facilitate geographical and functional mobility, which ensures we have highly motivated employees who are committed to developing their potential and who endeavour to contribute to the Group's success every day.

We also adapt work conditions for personnel with disabilities, women during pregnancy, mothers breastfeeding, or other special conditions or requirements, in accordance with current legislation, collective agreements and best-practice programmes.

For the right to maternity and paternity leave, 655 employees benefited from this leave with their families in 2019, with 57.3% returning at the end of the leave period.

In November 2019, Applus+ launched a campaign for a flexible remuneration system in Spain. This plan enables employees to design the composition of their remuneration package by acquiring a number of products (benefits) through tax reductions in their annual gross salary.

The figures cover 99% of Applus+ employees.

Benefits include contributions for technical sports equipment for our employees to participate in official competitions, help to organise sports activities such as leagues or tournaments between co-workers, financing of the first 100 registrations for the Business Race. Employees also enjoy discounts on memberships for more than 2,000 gyms, yoga studios and sports clubs in Spain, where our employees can exercise for a healthier lifestyle and enjoy a regular physical activity.

For the right to labour disconnection, 2019, with 57.3% returning at the end of the leave period.
TALENT MANAGEMENT: DEVELOPING OUR TALENT

The conviction that talent is the key to long-term sustainability and competitiveness has made this area a priority on the agenda for the Appointments and Compensations Committee of the Board of Directors at Applus+.

Undoubtedly, placing people and talent as a management priority has enabled Applus+ to become a notable success story in Spain for internationalisation, innovation and sustainability.

In 2019, we have continued with the implementation of the 137 individual talent development plans, with personalised actions developed for the Group’s high-potential managers from 26 countries and across the company’s divisions and regions.

The managers were selected for the talent development programme based on their capacity and performance in the company, their growth potential, as well as their personal characteristics, such as enthusiasm, commitment and responsibility at work.

Each plan is tailor-made for the selected high-potential manager, with individually set timelines and actions. The goals within each plan are aligned with the objectives of the business, and the scope considers all of the requirements needed by the employee to succeed in the role, including technical and leadership training skills.

GLOBAL MANAGEMENT DEVELOPMENT PROGRAMME (GMDP)

The programme is designed exclusively for Applus+ in collaboration with one of the most renowned international business schools - the Business Institute. The programme combines training by our Management Team and academic lectures provided by the business school’s professors.

The programme’s content focuses on supporting the development and growth of our people’s capabilities and management skills, while ensuring the future success and sustainability of the Group.

In 2019, the Group celebrated the first graduations from our first Global Management Development Programme (GMDP), launched in 2018.

- With a learning format combining face-to-face and online training, this edition brought together 30 Applus+ managers from 17 countries. This one-year programme contributed to the development of the participants’ exchange of ideas and experiences, as well as fostering synergies between various divisional teams within the Group and promoting a shared global culture.
- In March 2019, the first intake of students for the programme ended their graduation with a presentation of their final projects to the Group’s management. Their projects were focused on proposing their final projects to the Group’s management. Their projects were focused on proposing innovative projects and developing new products or markets, which are currently in the implementation phase.
- Following the success of our inaugural programme, in September 2019 we launched the Applus+ Global Management Development Programme for the second wave of 29 managers from 13 countries across the divisions at Applus+. In this edition, the percentage of women managers participating increased from 20% in the first programme to 34% in the second.

TRAINING FOR MENTORSHIP

In 2019, Applus+ ran courses to train the company’s managers to develop their capacities as mentors, so they can improve the support to their teams and the high-potential employees in development plans.

In May 2019, we conducted mentoring courses with executives and senior managers. 40 people identified as mentors attended.
PERFORMANCE APPRAISAL SYSTEM

Throughout 2019, Applus+ has continued to implement the Performance Appraisal System across all of the Divisions at an international level, reaching the following countries:

<table>
<thead>
<tr>
<th>Division</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDIADA</td>
<td>All</td>
</tr>
<tr>
<td>Energy &amp; Industry</td>
<td>France, Spain, Portugal, Germany, Greece, Italy,</td>
</tr>
<tr>
<td>Up to Department Head level</td>
<td>Switzerland, Austria, Spain, Morocco</td>
</tr>
<tr>
<td>All employees (except for unions</td>
<td>Saudi Arabia, UAE, Netherland, Qatar, Australia,</td>
</tr>
<tr>
<td>in the US and Canada)</td>
<td>Oman, Indonesia, Canada, Papua New Guinea, Malaysia, Czech Republic, Norway, UK, Singapore, Italy, Korea and Mongolia</td>
</tr>
<tr>
<td>Automotive</td>
<td>All except Chile</td>
</tr>
<tr>
<td>Laboratories</td>
<td>Spain</td>
</tr>
</tbody>
</table>

Main indicators related to talent management include:

- The voluntary turnover rate of employees remained stable at 12% in 2019.
- Internal promotion for vacancies in management represented 77.5% in 2019.

**PROJECTS TO FOSTER EMPLOYEE ENGAGEMENT**

To strengthen workforce relations, we took part in a number of activities with our employees at our offices in 2019.

We held Open Family Days for our employees and their families in different Applus+ offices, with many activities for family members, such as guided tours around our offices and our facilities, workshops or fun activities for children. In addition to these events, we ran several team-building activities.

For example, Family Day events took place at the Energy and Industry Division in Italy, November 2019; at the Laboratories Division in Spain, October 2019; and at the IDIADA Division in Spain, December 2019.

**DIVERSITY AND EQUALITY: ENCOURAGING AN INCLUSIVE ENVIRONMENT**

At Applus+, we believe in a diverse, inclusive and equal work environment, where each person can grow personally and professionally.

The human capital at Applus+ is distributed across more than 70 countries and includes a large number of nationalities, cultures and religions. Together with gender and age diversity, we feel this identity makes a very positive contribution to the success of our business.

The values of diversity, inclusion and equal opportunities are integral to the company's day-to-day operations.

In October 2019, the Group went a step further in its commitment to these values by approving the Diversity and Equality Policy for the company, which is based on the following principles of action.

- Reject any discrimination based on race, age, sex, marital status, nationality, beliefs or any other physical or social condition among our employees. To consider diversity as a value that allows us to take in different points of view and provides greater opportunities for creativity and innovation.
- Consolidate a culture of respect for people and promote behaviours that are favourable and open to the diversity within the company’s interest groups.
- Guarantee the right to effective equality of opportunities and treatment of all people within the organisation.
- Avoid any type of workforce discrimination in the areas of employment, training, promotion and/or any other working conditions.
- Recognise that human rights are fundamental and universal, which should be based on international conventions, treaties and initiatives.
- Promote the use of an inclusive, non-sexist and non-discriminatory language with the objective of favouring relations of respect and gender equality. Make diversity visible, and prevent violence and discrimination against anyone, ensuring a work environment free from all forms of harassment.
Applus+ DIVERSITY AND INCLUSION PROGRAMME

Everyone who is part of the Applus+ Group is unique, and we want them to contribute the best of their capabilities. We are committed to being a reflection of a diverse society, and we raise awareness and promote a change in the attitude towards stereotypes of all types.

To put this into action, in 2019 we have launched a Diversity and Inclusion programme to ensure that our workforce grows and maintains a diversity of gender, capacities and culture.

The Diversity and Inclusion programme is based on the following values:

**Commitment**
- Commitment to creating an inclusive environment. We have the commitment of the management and of the entire Applus+ staff because together we exceed the market standards, allowing us to improve every day.
- Inspiration to continue improving, innovating and collaborating with those around us. Our leaders drive inclusive behaviour by their example and engagement.

**Inspiration**
- Inspiration to contribute the best of their capabilities. We are committed to being a reflection of a diverse society, and we raise awareness and promote a change in the attitude towards stereotypes of all types.

Our Diversity and Inclusion programme is governed by the principles of clarity, simplicity, naturalness and inclusiveness. Based on these values, in 2019 the following projects were developed in alignment with gender equality, people with different capacities and ethnic groups.

### Applus+ Gender Equality Programme

Applus+ makes a solid commitment in favour of the equal rights and opportunities between women and men. This commitment to gender equality has materialised over time with the development of new measures within the company.

In 2019, Applus+ has developed an equality model to generate and implement measures for integration into the Group’s organisational culture.

### CROSS-BORDER AWARDS 2019

- Applus+ has won two “Premios Transfronterizos” (Cross-Border Awards) in 2019: one as the best company in Equal Opportunities, and another as best company in Work-life Balance.
- These awards cover initiatives taking place in the European region of Spain-Portugal, which includes the Spanish communities of Galicia, Extremadura and Castilla y León, as well as northern Portugal. The recognitions reward Applus+ for our work on equal opportunities and work-life balance initiatives.

### The main measures supporting our Group’s equality model are:

#### Protocol for harassment or gender-based violence

The Applus+ Global Non-discrimination Policy contains the commitments made by the company to foster equal treatment and opportunities within the organisation. One of these commitments is to promote a working environment where people are treated with respect and dignity, and where no form of intimidation, bullying or harassment is ever tolerated.

The Applus+ defines the mechanisms that can be used to report a complaint or incident by any Applus+ professional who believe to have suffered any form of discrimination, harassment, bullying or grievance.

In further support, the Group has established specific protocols in all of our divisions, with steps to be followed for preventing and managing harassment.

#### Inclusive Communication policy

The Group is implementing inclusive communication practices by using language and images as a driver for equality and visibility of women working at Applus+.

#### Councils for Work-life balance and Equality

The Councils work as forums to express interests, concerns, needs and barriers affecting work-life balance and equality, and develop action plans and proposals for improvements.

- Since 2019, separate councils have been set up in the Corporate area of Applus+, as well as, at the Energy & Industry, Laboratories and Automotive divisions. By 2020, a council is expected to be extended to the IDIADA division.
- For each Council, a representative is appointed, and both the Human Resources Department and the Group Management are informed of the measures for required improvements.

#### Shadowing and Mentoring programmes with female managers

To promote experiential learning, and encourage, strengthen and support the role of women-leaders in the Group.

- **Shadowing** is a scheme to develop talent through a proactive learning process, in which the women selected for the programme “shadow” a senior executive for a day within the Group and observes her routine and acquires some experiential learning.
- **Mentoring** projects with female managers are also being implemented to transfer expertise in business and technical areas, and pass on personal competencies along with the skills acquired. Currently, Applus+ has three women managers acting as mentors.

- To promote access for women to corporate decision-making positions, we include equality monitoring within the main decision-making bodies. In 2019, women made up 30% of the Applus+ Group’s Board of Directors.
At Applus+ in Spain, we are adhering to the “More women, better companies” initiative promoted by the Ministry of the Presidency, Relations with the Courts and Equality (MPR) in Spain. We are also adopting the Women’s Empowerment Principles defined by the United Nations. These principles aim to continue promoting equal opportunities, integration and non-discrimination within the organisation.

Diversity and inclusion projects

To support the integration of people with disabilities into the workforce, the Applus+ Group has social inclusion mechanisms in place. In 2019, three hundred and ninety-three employees (1.72% of global workforce) have some kind of disability; forty-one out of these employees are people with intellectual disabilities. We ran different initiatives to promote inclusive work:

- **“No limits” project**
  The “No Limits” project at Applus+ in Spain incorporates people with intellectual disabilities into our workforce through agreements with partner foundations. This partnership sets out to create a more inclusive work-environment and allow the company to actively participate in social-inclusion programmes.

  Launched in Spain in 2019, “No limits” is a continuity of our “Son Capaces” social-inclusion programme (“They are capable”), first developed in Galicia and running since 2001. The programme has been growing and evolving during its implementation within the Group’s divisions in Spain, and we plan to extend the initiative to other regions over the next years.

  The main actions of the “No limits” project include:

  » Supported employment: individualised accompaniment by job coaches and on-site trainers to familiarise the new recruit with the tasks to be performed.
  » Staff awareness: create greater awareness in the company about people and intellectual disabilities. We run awareness meetings for the employees at Applus+ before a person with a disability joins the team, as well as talks with department managers to continue motivating further recruitment in this area.

  This initiative has the total support and commitment of the senior management at the Group; we believe that integrating people with different capacities offers mutual benefits, as well as continuous learning opportunities within the businesses.

  Currently, forty-one people with intellectual disabilities are part of our team in Spain at different locations and business areas.

  The United Nations Global Compact in Spain has recently recognised the social-inclusion work by Applus+ for favouring the integration of people with disabilities through our “No Limits” project. The project was considered an example of best practice in Diversity and Inclusion to be disseminated on a company’s social media in celebration of International Day of Disabled Persons 2019.

- **Awareness campaigns promoting employees with different capacities**
  In 2019, Applus+ also carried out different awareness campaigns on diversity and inclusion covering potential employees with different capacities:

  The guide “No Limits” was published in November 2019 as a tool to facilitate better communication with people with different capacities and to continue strengthening our inclusive culture. The guide outlines the different types of disabilities and provides employees at the Group with recommendations on how to address people with disabilities naturally.

On 3rd December, Applus+ launched a communication campaign to celebrate International Day of People with Disabilities.

These actions were supported with diversity-awareness training in work-centres where employees with different capacities are recruited and work.

PROJECTS AROUND THE WORLD FOSTERING DIVERSITY, INCLUSION AND EQUAL OPPORTUNITIES

Diversity, inclusion and equality are key elements of our strategy at Applus+, so we carry out a variety of initiatives to promote these values throughout the Group and at a local level in the countries we operate. In 2019, the most relevant activities included:

In the Energy & Industry Division in the USA, we are currently part of the Buffalo Niagara Diversity and Inclusion Council, where we attend quarterly meetings which work to promote opportunities and awareness about diversity based on nationality, disability and other areas.

We also regularly attend the Women in Energy Conferences in the United States.

We have a team of female professionals that represent Applus+ at these conferences and learn about opportunities and challenges for women within the energy industry.

We continue collaborating with the BBBE-E’s (Broad Based Black Economic Empowerment) initiative. The BBBE-E is an initiative by the South African government to redress the apartheid-era legacy of the social and economic exclusion. Applus+ achieved Level IV BBBE-E certification.

COMMUNICATION STRATEGY: BUILDING A STRONG EMPLOYER BRAND

A key line of the Group’s human capital management’s strategy in 2019 was to maintain a strong and attractive brand image.

The aims of the strategy are to attract talented candidates while enhancing the Group’s image to our markets around the world. The brand’s values also seek to encourage commitment from our employees and foster pride and respect for the company they work. To achieve this, powerful internal communication campaigns are key.

In 2019, the Group has continued to reinforce its presence on social media by developing an active global profile and regularly reporting on its activities and news on LinkedIn, Facebook and Twitter.

We also contribute to different initiatives for attracting talent through our participation in employment forums or informative workshops.

At an internal level, the Global Intranet at Applus+ for employees and the Group’s websites have been increasing and updating the content for employee engagement.

During 2019, Applus+ has worked to strengthen the brand around the world. We have drawn up a new Applus+ Brand Identity Manual to define a narrative for the Applus+ brand and provide employees with easy access to solid and consistent messages and images for the Applus+ Group’s brands.
Applus+ IN SPAIN NAMED TOP EMPLOYER

At Applus+, we work hard every day to offer our employees the very best working environment. This commitment by the Applus+ Group has been recognised in 2018 and 2019 with a Top Employer certification in Spain.

Awarded by Top Employers Institute Certification Programme, the certification compares the company’s people-management practices with the world’s very best employers. This means that Applus+ in Spain has successfully met the Institute’s demanding standards covering: talent strategy; workforce planning; talent acquisition, incorporation, learning and development; performance management, leadership development; career and succession management; compensation and benefits; and culture.

In 2019, the Top Employers Institute conducted an audit at Applus+ in Spain to assess our performance, which we are proud to announce resulted with the Top Employer certification for Applus+ in Spain for the second consecutive year.

This certification demonstrates the company’s determination to both offer the highest-quality working environment and improve on this day-by-day, so all of our employees feel a personal connection with our claim “Together Beyond Standards.”

Retaining and developing the best professionals is crucial in the TIC sector businesses, so we provide our employees with real opportunities to develop, both personally and professionally, through specific training initiatives, coaching, mentoring and similar.

For the Group, it is vital to ensure that the services provided are performed with the greatest excellence and satisfaction, and we owe this reputation to our highly qualified personnel. Therefore, we provide the necessary training for employees to carry out their functions safely, with the requisite technical knowledge and practice in the appropriate management skills.

Every year, we endeavour to maintain the necessary certifications and accreditations at a local level, and keep specialisations aligned with our high-quality standards, by deploying specific training and development programmes. This training is managed locally to guarantee satisfaction for our clients’ needs and service expectations.

Training and communication

TRAINING FOR EMPLOYEES

Developing and training the expertise of our professionals is the core goals of the Group’s Human Resources strategy. In 2019, our professionals completed over 801,161 hours on vocational training (an average of 35 hours per employee).

801,161 HOURS OF TRAINING COMPLETED BY Applus+ EMPLOYEES AROUND THE WORLD IN 2019

The figures cover 99% of Applus+ employees

TRAINING HOURS

Las cifras abarcan el 99% de los empleados de Applus+

Retaining and developing the best professionals is crucial in the TIC sector businesses, so we provide our employees with real opportunities to develop, both personally and professionally, through specific training initiatives, coaching, mentoring and similar.

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The Group’s online tool, ApplusNet, allows us to reach all of the locations where we provide services, and enables the Group to increase our capability to deliver our training programmes locally all around the world. The tool facilitates assessments and control globally, and allows the Group to maximise the economic investment required to keep our teams suitably trained.

The Applus+ Group provides all new employees with a professional and efficient welcome to allow them a comfortable start at Applus+ and rapidly assume their new duties. The new-employee induction training includes, among others: Corporate Induction (Corporate presentation and Global Policies), Code of Ethics and Compliance, and Health and Safety.

To optimise the initial training process for all new employees in 2019, this training began to be conducted through our Global eLearning platform.

At the Applus+ Group, our teams’ professional and ethical integrity is fundamental to the services we deliver, so every year we reinforce the Group’s Code of Ethics policy with all of our employees through annual training.
INTERNAL COMMUNICATION TOOLS

Communication and constant dialogue are vital to the relationship between Applus+ and our people.

The Group manages information and dialogue with employees through strong internal communication channels. These enhance the strategic and operational dissemination of information internally with a multi-channel and multi-directional approach.

Our main channels and tools through which we communicate with employees include:

- **Employee Magazine**: Appeople - online and offline quarterly internal magazine to inform all employees about the latest news from around the Group.
- **Divisional bulletins**: such as the Energy & Industry Division's newsletter.
- **E-mail campaigns**: Communications from Applus+ regarding:
  - Core and key areas updates: Code of Ethics, Health and Safety, Quality, Environment, Cybersecurity, Diversity and Equality policy, etc.
  - Applus+ News: Employee benefits and advantages, Safety Day campaigns, World Quality Day, Diversity and Equality Policy, internal job vacancies, etc.
  - Quick surveys and quizzes: Health and Safety, Quality, knowledge of the company, etc.
  - Participation and collaboration in public events.
- **Screensaver messages**: Regular screensaver updates related to core and key areas or Applus+ News.

In addition to these channels, we have the Applus+ Global Intranet through which we communicate the Group’s policies, news, company benefits for employees, newsletters, etc., and we blog about services and technology or report news related to the TIC sector.

Applus+ also encourages exchanges of ideas and opinions gathered via suggestion channels.

In respect to human rights, among other rights, the content of the policies cover:

- Equity and non-discrimination
- Favourable conditions of work; Equal pay for equal work
- Dignity
- Education and training
- Health and safety
- Children's rights
- Indigenous people's rights

These policies establish mechanisms to ensure the fulfilment of these commitments by our employees, and, in the case any of their provisions are broken, enforce disciplinary and corrective measures through appropriate channels.

In addition to these, the Modern Slavery and Child Labour regulations govern our activities in all of the countries where we operate. All of our offices must comply with local legislation relating to minimum working/school-leaving age. A non-compliance procedure has been established for our management at all levels to pursue in the event of any potential issues or breaches.

To safeguard personal rights, the Group has also defined practices to prohibit actions that restrict personal freedom, such as the withholding of passports, visas or work permits. Therefore, any perceived notion of such activities occurring would be rejected quickly and comprehensively remedied.

Moreover, the Energy & Industry Division has a specific Human Protection Policy to reinforce our commitment to protecting human rights. This policy sets guidelines regarding four fundamental rights of the division's employees: acceptable wage; minimum working/school-leaving age; working hours in compliance with contractual and local legislative requirements; and elimination of modern slavery and human trafficking. Although the rest of the Group’s divisions also deploy the Applus+ commitment to protecting human rights at a divisional level, this is not currently formalised with a policy, as it has been already done in the Energy & Industry Division. However, in the near future, a specific Human Protection Policy will be extended to all of the Group’s divisions.

In addition, in accordance with the UN Guiding Principles on Business and Human Rights, where business enterprises identify that they have caused or contributed to adverse impacts on human rights, entities should provide or cooperate in their remediation through legitimate processes.

To facilitate this requirement, the Applus+ Group operates an Ethics and Compliance communication channel. In 2019, the Group did not receive any complaints regarding human rights violations of human rights.
Occupational health and safety

GRI 403-2

Applus+ strives to achieve zero injuries in the workplace and make work practices sustainable. Therefore, we develop policies and encourage practices to build a company culture that prioritises our employees’ health and safety. These commitments go beyond legal compliance, establishing policies and procedures in the Group which implement effective risk-control processes and involve people by raising awareness and providing effective training.

The protection of employees from hazards is therefore an essential behaviour across the operations of the Group.

The Group aims to build our capacity to add value in the communities where we operate through different mechanisms and learnings. These include focusing on prevention instead of correction; fostering a proactive behaviour to health and safety issues; supporting people to speak-up without fear; and using case experience to learn from across the organisation and protect our employees’ welfare.

Ultimately, these actions positively contribute to the Group’s success as we promote healthy, safe and ergonomic workplaces.

MANAGEMENT PILLARS

Our Group has implemented five internal documents that form the basis of our Health and Safety management:

1. **Global HSQE Policy**
   - Applies to all of the Applus+ Group’s employees
   - Establishes a framework for the HSQE management across the Group, including specifications for our different divisions
   - Provides our services with quality, safety and health and environmental criteria to ensure the Group’s objectives are achieved efficiently, effectively, safely and sustainably

2. **Health and Safety Corporate Guidelines**
   - Provides a detailed guide for all of the minimum requirements for HS&E programmes to control our occupational HS&E risks and improve our HS&E performance

3. **Health and Safety Programmes**

4. **Golden Safety Rules Programme**
   - Applied at the local level and in accordance with the international ISO 45001 / OHSAS 18001 standards
   - Certified by third parties in nearly 30 countries
   - These include Safety Awards, HS&E communication campaigns, lessons learnt, inspections, audits, supervisions, etc.
   - Guidelines through rules to eliminate and reduce risks associated with the 11 activities historically causing a greater number of injuries or serious incidents. The rules are translated into 10 languages

5. **HSE Reporting Instruction**
   - Develops the Group’s reporting processes covering HS&E leading and lagging indicators, as well as criteria for each legal entity in the Applus+ Group

GOLDEN SAFETY RULES AT Applus+

Within the “FOUNDATIONS – THE FUNDAMENTALS” section of Golden Safety Rules of the Group, Applus+ values the right to stop work when employees considered it unsafe to continue. This written directive shows our commitment to support everyone in their right to exercise their stop-work authority.

HAZARD IDENTIFICATION AND RISK ASSESSMENT

We deploy hazard identifications and OHS risk assessments, which are provided for our workforce prior to starting work in the company, and the assessments are reviewed on an ongoing basis to include any relevant changes in working conditions.

In addition to these procedures, employees are required to perform their own last-updated risk assessment process before starting their tasks.

These risk-assessment requirements apply to all of our offices, sites, as well as all of the services and activities that we provide, encompassing:

- Hazard identification and risk assessment
  - Legal requirements; recognised codes of practice; manufacturers’ recommendations; and third-party requirements.
  - A risk-ranking matrix method, or other assessment methods, considering the possible results of someone being exposed to a hazard and the likelihood of this event occurring.
  - Use of the hierarchy of control as a systematic approach to select control measures for the actions required as a result of the risk assessments.

Applus+ has internal controls implemented at a local level to ensure that these requirements are met. These include internal and external audits conducted by customers or other third parties, such as certification control bodies.

The outcomes of these controls, together with incident investigations, incident reports, lessons learned, hazardous observations and field inspections, help the Group to continuously improve our Health and Safety management and performance.
INCIDENTS INVESTIGATION

The Group has established procedures, at divisional or local/country level, to regulate incident reporting and incident investigations. Our incident evaluation and corrective-action process provides a systematic approach to investigation, analysis and review of all incidents within the company.

- The aim of this process is to determine the root cause of the incident; to define the appropriate action plans; and to ensure we are able to avoid recurrences. In those cases where the potential and consequences are significant, we draft “Lessons learned” to share throughout the organisation.
- To conduct investigations, we use different methodologies according to the criticality or complexity of each incident.
- We monitor and control all incidents and non-conformities so we can establish the corresponding action plan, including corrective and/or preventive actions.

REPORTING SYSTEM

Our reporting system includes the Group’s worldwide activities, and must be followed by the Group’s entire management. This process includes leading and lagging indicators, which are recorded and monitored monthly.

In 2019, there were not any fatalities at work within the Group. We reduced our accidents rate almost by 10% and the severity rate by 26%. The main causes of accidents in the Group were slips and falls (at the same level), as well as over-exertion in the course of working.

CONTRIBUTION BY GENDER TO ACCIDENTS RATES IN 2019

<table>
<thead>
<tr>
<th></th>
<th>Total recordable frequency</th>
<th>Severity (LWD based on 1,000 working hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(based on 200,000 working hours)</td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>0.9</td>
<td>0.11</td>
</tr>
<tr>
<td>Female</td>
<td>0.1</td>
<td>0.01</td>
</tr>
</tbody>
</table>

COMMUNICATION RELATED TO INCIDENTS AND HAZARDOUS SITUATIONS

The Applus+ Group is a learning organisation that promotes good attitudes and lessons learned within the Group. Therefore, our Group’s management actively encourages the communication of incidents and any other issues related to hazardous observations, as well as suggestions for improvements. This perspective aims to instil a preventive approach instead of a corrective approach.

Moreover, preventing health and safety risks and respecting employees’ rights is one of our Code of Ethics’ rules of conduct; and for any questions related to health and safety, doubts or suggestions, employees must communicate them to our HSQE Communication Channel.

TRAINING AND AWARENESS

Occupational Health and Safety training is an essential aspect in our Group’s induction training for all of our new employees, either face-to-face or online training. We ensure that everyone is familiar with the Group’s and divisional Health and Safety programmes, understands the Group’s procedures and acts or behaves in accordance with this training. Additionally, specific training is performed on a timely basis to ensure topics are refreshed.
AWARENESS AND MOTIVATION TOOLS AND INITIATIVES

To reinforce our best practices in Health and Safety, we conduct several types of activities to raise awareness through communications campaigns, games and contests. The Group celebrates a global Safety Day across the company, where contractors and customers are all invited to join our employees.

In October 2019, we held our sixth Safety Day under the slogan “Safety is the Road to Take”. For the second consecutive year, we held a highly successful Safety Day slogan competition to choose the winning slogan for the campaign, which received more than 750 proposals.

Again this year, the Safety Day took place across all of the Divisions at Applus+ worldwide, and our management and employees participated to engage in presentations, debates, workshops and games on the key themes for better health and safety.

In this 2019 edition, we focused on the prevention of traffic accidents. In the event, we shared experiences and knowledge to help all us build awareness for a preventive attitude towards road accidents of any kind, either as vehicle driver or as a pedestrian.

In other areas, in 2019 we have continued with the Health and Safety awareness campaigns under the slogan “Time for safety”. The campaigns included:

- Published bulletins to reinforce the Applus+ Golden Safety Rules and additional issues such as, “Protect yourself from extreme cold”; “Work safely by following the Applus+ Golden Safety Rules”; “Protect yourself from extreme heat”; “Looking after your wellbeing”; and “Awkward postures”.
- Shared more than 200 “Lessons learned” across the Group to avoid recurrences of incidents or accidents.
- Promoted and targeted specific banners on the Applus+ Global Intranet.
- Specific section in the Group’s internal employee magazine Appeople.
- Safety Awards at local level to value the employees’ ideas or actions which safeguard health and safety.
- The Safety Awards started several years ago, and recognise the efforts made by our employees in the area of Health and Safety, such as:
  » Applus+ ACE Award programme, on a monthly basis in UAE and USA.
  » “Valoramos Tu + en Seguridad” (“Beyond the Call of Safety”) in Spain.
- Locally, other initiatives promote and help to improve the awareness of health and safety issues for our teams.

ROAD SAFETY

In 2019, our Group’s divisions ran several initiatives to promote road safety among our employees:

Defensive-driving training
Applus+ ran courses on training for road safety and defensive driving in Middle East & Africa, Spain and LATAM. The training targeted employees assigned to activities that require driving to improve their road safety knowledge and practice.

In Spain, the road-safety course was instructed by using driving simulators. In total, one hundred and twenty-three groups were trained at different Applus+ locations, with 462 employees from the Energy & Industry, Laboratories and Corporate Divisions trained in 2019.

Driving monitoring systems (UK, Canada, Colombia, Chile, Panama, Colombia, USA, Saudi Arabia and Australia)
These systems allow our teams to identify high-risk drivers and provide additional training in safe driving and monitor their improvements.

Speed limiters (Oman)
Vehicles are fitted with speed limiters to restrict the fuel supply when the vehicle exceeds 100 km/h on main roads and 80km/h on secondary roads. This initiative aims to minimise vehicle incidents by reinforcing safe-driving behaviour and speeds.

BREAST CANCER AND PROSTATE AWARENESS SESSION (THE ENERGY & INDUSTRY DIVISION - MIDDLE EAST & AFRICA)

To raise awareness and promote Breast Cancer Awareness among our employees, we organised a free session for our employees on the awareness of breast cancer and prostate cancer in November 2019. Employees were able to clarify any doubts related to these areas of personal health and benefit from free health screening.

OTHER NOTABLE LOCAL INITIATIVES IN HEALTH AND SAFETY CONDUCTED IN 2019:

- The Energy & Industry Division in Peru carried out vaccination campaigns for their employees.
- The Energy & Industry Division in Australia provides tables called “stand up - sit down desks” for their employees to perform work at a comfortable standing height.
Currently, we implement occupational health and safety management systems at the local level, certified and periodically audited in accordance with international standards (OHSAS 18001 / ISO 45001 / IRATA) in nearly 30 countries.

Our clients, partners and other interested third parties have recognised our efforts to prevent occupational risks and protect health. Notable examples are:

- Recognition of Safety Performance at a refinery in Australia for our services for Non-Destructive Testing (NDT). The award acknowledged the employee’s courage for stopping the work while carrying out radiography on a hot steam leak.
- Acknowledgement on Safety Performance for our services for NDT and Inspection. The award recognised our employee in the Asia Pacific region for a continuous effort in reporting hazards and rectifying hazards to make the workplace safer.
- The Chilean Security Association recognised Applus+ in Chile, when conducting Technical Inspection Services, for its advances in health and safety measures within its operations and for reaching three consecutive years without any lost time through accidents.
- Recognition to Applus+ in Colombia from the Colombian Security Council for implementing the occupational safety and health system for contractors (RUC system).
- On 9th May 2019, coinciding with the “World Day for Health and Safety at Work”, Applus+ in Spain (Castilla La Mancha) was distinguished in the Prever Awards for our good practices and excellent management in occupational health and safety.
Caring for the environment

Environmental management approach

ENVIRONMENTAL ASPECTS OF OUR ACTIVITIES

The direct environmental impact of the activities at Applus+ is mainly related to our offices, facilities and transport to client’s facilities. Energy consumption, including electricity and fuel, GHG emissions and water consumption are the main environmental aspects from the businesses within the Applus+ Group. Therefore, we focus on reducing impacts on the environment by controlling the causes of these impacts within our activities.

Applus+ GLOBAL ASPECTS

- Energy consumption associated with the use of lighting, heating/air-conditioning and equipment, as well as transport use to undertake work at the clients’ facilities.
- GHG emissions from energy consumption through our vehicle fleet, business travel, commuting and heating and electricity use.
- Water consumption associated with sanitation facilities, irrigation and vehicle tests at the IDIADA Division’s proving ground.

We extend our management framework to the waste generated from the activities mainly developed at the IDIADA and Laboratories Divisions because these facilities generate waste that, by its characteristics, require specific storage and management conditions. Consequently, we focus our efforts on the control and improvement of its management.

The activities of the Applus+ Group do not generate direct impacts on biodiversity; and the locations of our facilities do not represent any risk for the natural areas in the countries where the Group operates.

ENVIRONMENTAL POLICY

The Global Policy of HSQE integrates the Group’s Environmental Policy with the Quality and Health and Safety policies. This Policy applies to all of the employees at Applus+ or those associated with the business of the Applus+ Group and its legal entities.

The Policy represents the Applus+ Group management’s commitment to provide the company with suitable human and financial resources to continuously improve the activities that impact on the environment, giving priority to a preventive approach as opposed to the corrective approach when developing QHSE processes.

The main principles included in the Environmental Policy are as follows:

- Promotion of continuous improvement for a safe and sustainable environment.
- Efficiency and excellence in the company’s internal management of environmental protection.
- Adoption of measures to reduce any environmental damage and pollution.
- Implementation of a systematic approach to ensure compliance with legislation.
- Adoption of measures to efficiently use resources within our activities and those of our suppliers and contractors.

ENVIRONMENTAL MANAGEMENT SYSTEMS

To deploy the Policy, we implement Environmental Management Systems (EMS) at the local level, based on the cycle of continuous improvement and developed in accordance with the international standard ISO 14001.

Our EMS are periodically audited and our certificates are maintained over time. Almost thirty countries have legal entities with certified environmental-management systems, including as Middle East and Africa, Spain and Rest of Europe, the US and Canada, Asia Pacific and Latin America.

ENVIRONMENTAL DATA MANAGEMENT

Applus+ has two applications at a global level to manage, control and verify energy and water indicators from our facilities in the countries where we operate. The applications allow us to monitor the most relevant environmental aspects arising from our activities:

- Applus+ Site Management (ASM) is a tool for recording data on the environmental indicators of each region and associated evidence.
- QlikView is a tool for the detailed evolution-analysis of the indicators and consolidating global data.

OUR SUPPLIERS’ COMMITMENT TO THE ENVIRONMENT

When selecting and incorporating our suppliers, the Corporate Purchasing Department integrates the Group’s mandatory HSQE requirements within its supplier management process. The supplier, within the approval process, must know and adhere to the Group’s HSQE Policy. The Internal Audit Department at Applus+ monitors the fulfilment of the procurement policies and procedures.

Additionally, in the initial evaluation of our suppliers, we positively value those who have implemented and certified an Environmental Management System according to ISO 14001 or the European regulation EMAS.

The adherence to our HSQE Policy, and the consideration of the environmental management systems implementation in their selection and qualification, currently cover about 60% of our total suppliers.

ENERGY AND EMISSIONS MANAGEMENT

The consumption of energy, as well as its corresponding GHG emissions, are the relevant impacts arising from the Group’s activities.

The Applus+ Guide of Best Environmental Practices establishes the main guidelines to be followed by every employee to minimise energy consumption at our facilities and to reduce fuel consumption from vehicle use, both in fleet vehicles and private cars.
The consumption from renewable sources was 6,150 GJ and came from the biodiesel, mainly consumed in Colombia and Peru.

To calculate the energy-intensity per employee ratio, we selected December 31st for the date on which to calculate number of employees for the metric. All sources of consumption within the organisation (fuel, electricity, heating, etc.) are included in the intensity ratio. The value for energy intensity was 38.8 GJ/Employee (7.9% more than 2018). During the year, there were projects that required additional staff for specific periods, therefore while the consumption increased due to these projects, the metric used has not been affected (e.g. Saudi Arabia).

The Group uses the platform ASM to obtain reliable energy data, and all of this data is reported covering the premises from which the Applus+ businesses operate.

To measure the GRI indicators for the organisational boundaries, we calculate the intensity of emissions from the legal entities reporting their financial statements, against the entity’s number of employees.

The assumptions made are mainly based on the ownership and accountability for the metering system: in meters shared with other companies, or the owner of the facility assumes the accountability for consumption, then this data will not be included in our total-usage calculations.

Calculations have been made for 12 months; since the receipt of the energy invoices has a time lag after the consumption period, the reported data correspond to the period November 1st 2018 until October 31st 2019.

The 2006 IPCC Guidelines for National GHG Inventories is the main source for the Net Calorific Value (NCV) of the fuels to calculate the Group’s energy consumption.

EMISSIONS

The Scope 1 emissions are due to fuel combustion. Fuel is the most significant GHG emissions source from the businesses at Applus+, and its consumption is directly related to vehicle transport when we carry out services at the clients’ sites, heating boilers and testing.
The Scope 2 emissions came from the electricity and heating consumption.

The Group has made significant effort to reduce both types of these emissions. In 2019, the Group added 90 eco-efficient vehicles to its homologation matrix in some countries, including Spain, UK, Netherlands, Czech Republic, Kuwait, Colombia, Chile and Brazil. Among this eco-efficient fleet, we have electric, hybrid, plug-in hybrid, bio-fuel, ethanol, CNG and LPG vehicles. At the end of 2019, these types of vehicles represented 2% of our fleet. This year, the average of CO2 emissions of our fleet decreased by 4% (1).

In addition, the Group completed different actions to improve energy efficiency at numerous facilities. The central indicators related to Scope 1 and 2 GHG emissions are:


During 2019, the increasing of long-distance travel on relevant projects and the scope extension (Chile and UAE) caused an increase of 10.1% in the Scope 1. The Scope 2 value, referring to the same scope in 2018, decreased 1.4%, and the global figure increased by 3.4%.

Applus+ has also selected Employees at December 31st as the metric to calculate the intensity of GHG emissions. The value for 2019 was 2.97 t CO₂/employee (including Scope 1 and Scope 2). During the year, there were projects that required extra employees for specific periods, therefore while the consumption increased due to these projects, the metric used was unaffected.

To obtain the information on the emissions, Applus+ uses the Greenhouse Gas Protocol as a guide. The 2006 IPCC Guidelines for National GHG Inventories provide the sources of the emission factors corresponding to fuel emissions; the Fourth Assessment Report (AR4) of the UN IPCC is the source of the Global Warming Potential (GWP) rates; and the International Energy Agency (IEA) provides the data to calculate GHG emissions from the electricity consumption.

The gases included in the calculation are CO₂, CH₄, and N₂O. Applus+ does not have any biogenic CO₂ emissions.

In 2019, Applus+ started to measure some Scope 3 emissions, which are other indirect GHG emissions, related to business trips by plane, train, taxi, commuting and the power-distribution network.

The emissions related to business trips are applicable to the trips by train and plane, taken by Applus+ professionals from Spain, Colombia, Angola, Mexico, the USA, Australia, Panama, Netherlands and the UK. This cohort represents 61% of the Group’s staff.

With respect to business flights, we offset part of these emissions through an agreement signed with different airlines by the Applus+ Group in Spain. These airlines offset 100% of the CO₂ emitted during these flights by investing in the project “CO2ZERO”, which is contributing to Panama’s rainforest reforestation with Gold Standard certification.

Travel agencies provide the CO₂ emission data, which are calculated per passenger from the kilometres travelled, the plane occupation (weight) and the type of airplane. The calculations are integrated at Group level.

With travel agencies operating from Spain, Colombia, México, Australia and part of the USA, the calculation method is determined in accordance with the rules set out by the Department for Environment Food & Rural Affairs (DEFRA) of the British Government, which are updated every summer and come into force the following January 1st.

For travel agencies operating from Panama, Netherlands, UK and part of the USA, the calculations are conducted using CO₂ emissions calculators that take into account the number of seats in the different cabin sections, real amount of passengers and cargo, fuel consumption and distance covered.

<table>
<thead>
<tr>
<th>Business trips by plane and train</th>
<th>GHG Emissions (t CO₂ eq)</th>
<th>Offset Emissions (t CO₂ eq)</th>
<th>Net Emissions (t CO₂ eq)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8,257</td>
<td>673</td>
<td>7,584</td>
</tr>
</tbody>
</table>

With respect to the emissions from taxi journeys, thanks to an application for taxi management, Applus+ can calculate the emissions from our employees’ trips when using this application.

The mobile app allows Spanish employees to call a taxi in many cities in Spain and abroad with distinct advantages. The fleet has a high number of hybrid and electric vehicles available, which reduces CO₂ emissions during these trips. Taxis from over 150 cities, mainly in Spain, but also in the UK, France, Germany, Belgium, Portugal, Italy and the Netherlands participate in this initiative. In 2019, the app allowed Applus+ to avoid 1 tCO₂ of emissions.

The emissions data for the taxi use through their application is calculated from the distance travelled and a fleet-emissions ratio, which is measured by the percentage of hybrid and electric cars operated in its fleet. The emissions coming from this business trips by taxi were 5.6 tCO₂eq of emissions.

The emissions from our employees commuting are related to the split in the staff’s mode of transport, taking into account the transport used (car/train/etc.) by our employees for the daily trips to and from their workplace.

In 2019, the Group launched a global survey to understand the mobility habits of our employees. The results showed a split between different modes of transport at every location where we operate, covering 68% of our staff and generating 55,602 tCO₂eq of emissions.

The emissions from employee commutes are calculated on the basis of the split in their mode of transport, distances per journey and the number of journeys per year. This data is gathered through the Group’s first mobility survey, applying emission factors per transport-mode from acknowledged sources.

The emissions from the power-distribution network are related to the energy losses involved in the transport and distribution of electricity and to the emissions from the value chain of fuel and electricity. Our emissions in this field were 66,269 tCO₂eq of emissions. We calculate these emissions from the data of electricity consumption, as well as fuel and the identification of the countries involved, by using the emission and conversion factors from acknowledged sources, such as 2006 IPCC Guidelines for National GHG Inventories, International Energy Agency (IEA) and the Department for Environment Food & Rural Affairs (DEFRA) of the British Government.

**WASTE MANAGEMENT**

Our activities generate mainly urban waste and other types similar to urban waste, such as paper, plastic packaging, toners or office equipment.

The guidelines established in the Applus+ Guide of Best Environmental Practices, as well as the local regulations covering waste management, define the rules of our actions to limit waste. To pursue this, employees who provide services at client’s facilities must apply these best practices for managing the waste generated through our services.

According to the Guide, Applus+ employees must observe the following directions:
GUIDELINES TO REDUCE AND MANAGE WASTE

- Apply the 3 Rs formula: Reduce, Reuse and Recycle
- Reserve a place to collect copy paper used on one side and reuse it for printing drafts on the blank side
- Sort waste products properly for recycling
- Present waste products which might be still be usable or subject to special conditions separately
- Place waste products in the containers specifically designated for disposal
- Follow the established guidelines for waste subject to special collection services
- Protect warehouses from inclement weather to prevent damage to products

At Applus+ facilities, the segregation of waste is mandatory when the country has a public or private infrastructure for selective recycling and treatment. The office and centre managers are responsible for providing the necessary resources to comply with these management guidelines, as well as for monitoring their application.

In addition, the Guide of Best Environmental Practices establishes some action guidelines to reduce paper, toner and ink consumption, and as a consequence, waste production.

GUIDELINES TO REDUCE CONSUMPTION OF PAPER, TONER AND INK

- Optimise paper consumption by using both sides of the page
- Use electronic mail for internal communications
- Maximise the use of documents in digital version and the use of electronic signature
- Use both sides of the paper when printing or photocopying documents for internal use
- Restrict the number of copies of the documents to be filed, giving priority to the storage of electronic files
- Restrict the amount of printed drafts; documents should always be revised on screen
- Check documents using the print preview, introducing any necessary improvements before printing

In more specialised areas, the IDIADA and Laboratories Divisions generate hazardous waste and other types of waste requiring specific management due to their characteristics, for example, the tyres produced by IDIADA Division or the waste from fire-resistance tests at the Laboratories Division.

The activities at the IDIADA and Laboratories Divisions which generate these types of wastes are concentrated in Spain. The management control of this hazardous or specific waste is focused on ensuring strict compliance with the regulations applicable. As a general rule, the hazardous or specific waste generated in both Divisions is duly-authorised companies.

For compliance with the applicable legislation, the centres and facilities of these Divisions record the type and quantity of hazardous waste generated, and keep the documentary evidence to verify traceability.

WATER CONSUMPTION

The fresh water consumption is reported covering the period from November 1st 2018 until October 31st 2019 because the invoice period has a time lag after the consumption period.

In 2019, water consumption significantly reduced by 7%, mainly due to the actions taken by the IDIADA Division to reduce usage and to recycle the water used for the test tracks in Spain.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total water collected (ML)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>680</td>
</tr>
<tr>
<td>2018</td>
<td>693</td>
</tr>
<tr>
<td>2019</td>
<td>643</td>
</tr>
</tbody>
</table>

The water withdrawal for the activities at Applus+ comes from groundwater (379 ML) and third-party water suppliers (264 ML). With the exception of IDIADA Division, the rest of divisions use clean drinking and sanitation water.

The IDIADA Division is the only division in the Group that uses water in the development of its activities at the facilities in Tarragona (Spain). At these facilities, the Division consumed in 2019 about 439 ML of water. Of this use, forty percent is used to irrigate green areas and hedgerows, and the remaining to perform tests on four tracks: two braking-tracks, one wet-handling track and one fatigue-testing track.

IDIADA has three main tanks, one for each of the subsystems that are supplied with water (tracks, irrigation, buildings and workshops). The tank used for the track subsystem provides water to two tanks. Each of these tanks supplies water to a track. The subsystem tank for the buildings and workshops supplies the fire network tank.

The type of water-spill generated on the tracks does not require the installation of grease-hydrocarbon separators. In fact, the recirculated water only requires a filtering treatment before being returned to the main tank. In this process, the water loss is between 7 - 11%.

Chlorine is controlled in the subsystem tank for the tracks and the buildings and workshops’ subsystem. In the tank for the tracks, there is also an osmosis treatment to analyse the conductivity. Organic and chemical parameters controls are only required in the water within the subsystem tank for the buildings and workshops once a month.

Environmental action

MAIN LINES

In 2019, Applus+ focused our environmental action on the following lines:

- Renewal of conventional lights for LED
- Installation of led luminaires to reduce the electricity consumption from lighting the buildings
- Energy consumption reduction at our facilities
- Reduction of energy consumption at our facilities
- Celebration of campaigns to reduce emissions
- Energy consumption reduction at our facilities
- Insulation of buildings to reduce energy consumption
- Insulation of facilities to increase energy-efficiency
- Insulation of buildings to reduce energy consumption
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- Insulation of buildings to reduce energy consumption

REDUCTION OF ENERGY CONSUMPTION AT OUR FACILITIES

Renewal of conventional lights for LED

At some Applus+ offices in Spain, the facilities are in a process of changing conventional lights to more efficient LED luminaires to reduce the electricity consumption from lighting the buildings.

Our offices in Barcelona, Ciudad Real, Madrid, Santander, Asturias, Lugo, Ourense, A Coruña and Vigo are participating in this initiative, which will reduce our facilities’ carbon footprint. At the Barcelona facilities, the saving from the initiative was calculated at 226 t CO2 eq of emissions.

Insulation of facilities to increase energy-efficiency

At the Applus+ offices in Mongolia, the windows were sealed to provide thermal insulation for reducing the energy consumption at the facilities.

Similarly, the Spanish office located in A Coruña installed windows with thermal-bridge breaking to improve energy-efficiency at the facilities and reduce energy consumption.
Energy and emissions

As described in Energy and emissions, some new initiatives have been implemented in 2019 to reduce our emissions from transport.

We introduced 90 hybrid and electric vehicles into our fleet, with the aim of progressively reducing emissions linked to our activities. In addition, charging points for electric vehicles are planned to be installed at the Applus+ offices in Madrid and Bellaterra (Barcelona), as well as a statutory-vehicle-inspection station in Madrid next year.

The use of the application for taxi-travel management represents a reduction of emissions comparing to other alternatives in taxi travel, since a high percentage of vehicles in the app company’s fleet are hybrid and electric cars.

Waste reuse and recycling

New compost machine for organic waste

The IDIADA division in Spain is developing a new compost machine for organic waste. The initiative sets out to reduce the amount of organic waste sent to landfill, transforming it into compost for use to fertilize the green areas at the IDIADA Division. The composting is carried out through natural processes.

Recycling of equipment and toners

The Energy & Industry Division in Chile carries out a monthly activity, which consists of recycling any obsolete technological equipment by sending them to an environmentally-friendly final destination.

In addition, we also disposed of the used toners in all divisional offices each month to contribute to the same aim.

Reuse of plastic containers

Some initiatives implemented by the employees at Applus+ are framed within the circular-economy concept applied to the waste production.

The Spanish offices implemented a system to avoid single-use plastic water bottles, replacing them with 20 litre containers provided by the water supplier. These new containers are made of reusable plastic, which can withstand multiple uses, reducing plastic waste considerably.

In September 2019, all of the Applus+ employees at Karratha Gas Plant (Australia) were given an Applus+ branded, reusable lunch container and cutlery, replacing up to two reusable containers per person, per day. This initiative is the result of employees raising the issue of single-use plastics and requesting an alternative, and this awareness has reduced approximately 35,000 waste containers per year.

Environmental clean-up campaign

Applus+ participated in a campaign to clear up at the facilities of a gas pipeline in the Kingdom of Saudi Arabia, collaborating with our client’s initiative. The campaign aimed to raise awareness of the environmental impacts from dumping waste and reinforces the Group’s commitment to avoid pollution for better environment protection.

Different companies worked together with a common objective: set an example to society for the preservation of nature. Almost 70 volunteers, including Durma City Council, were kitted out with bags, gloves and tools to collaborate in collecting rubbish for the clean-up.

Best practices in paper use

A set of actions are in place at our Spanish facilities in relation to the use of paper. Paper from certified forests have been selected to ensure its sustainable origin (FSC seal), as well as a slightly lower weight, a centralised printing system designed to use black ink by default; and specific containers to collect paper waste to facilitate recycling.

As a general rule for our environmental principles, wherever the infrastructure for recycling exists, Applus+ facilities have suitable containers for recycling paper.

Celebration of campaigns to raise awareness

Applus+ runs campaigns to raise awareness with employees of the importance of contributing to environmental preservation. In 2019, we continue with the campaign “Because it’s the little things that count”, started in 2018, and launched two new campaigns.

- “Play your part in a more sustainable Applus+”: addressed to reduce the impact of our activities through responsible behaviour when using energy and by driving efficiently.
- “Water: an essential resource”: aimed at raising awareness for using this scarce resource responsibly as a necessity for life.

Earth Day/Earth hour celebrations

The employees at Applus+ in the USA donated $1,540 for “Earth Day”, which equates to planting 1,540 trees though collaboration with the Arbor Day Foundation. In April 2019, trees were planted in Chicago and cared for through this programme to remove carbon and other pollutants from the air.

To raise environmental awareness, our offices in the UAE, Qatar and Kingdom of Saudi Arabia participated in the “Earth hour” initiative by disconnecting different electrical appliances during one hour of the day to reduce the carbon footprint.
Our environmental contribution by TIC services

THE ROLE OF OUR SERVICES

REDUCTION AND EMISSION CONTROL

STATUTORY VEHICLE INSPECTION
  - Regulatory vehicle inspections
  - New independent technology for emissions tests
  - New independent procedures for validating controls of vehicle pollutants

AEROSPACE
  - Compliance with international standards and regulations
  - Incorporating new composites materials into manufacturing systems

INDUSTRY, ENERGY, OIL & GAS AND PUBLIC ADMINISTRATIONS
  - Compliance with international standards and regulations
  - Incorporating new composites materials into manufacturing systems

TESTING AND AUTOMOTIVE ENGINEERING
  - Technology for new engines
  - Use of alternative fuels
  - Promotion of hybrid and electric vehicle uptake
  - Investigation of alternative systems for electric vehicles

PREVENTION OF SOIL CONTAMINATION AND POLLUTION DISCHARGES

CONSTRUCTION AND CIVIL INFRASTRUCTURE
  - Improvement of the machinery in park management

COMPANIES OF ANY SECTOR AND PUBLIC ADMINISTRATIONS
  - Analysis of the water quality
  - Analysis of the wastewater or process discharge

INDUSTRY, OIL & GAS AND MINING
  - Technologies for efficient non-destructive testing (NDT)
  - Preliminary assessments of soil contamination
  - Studies for the remediation of contaminated soils
  - Environmental Risks Analysis

OPTIMISATION OF ENERGY AND WATER CONSUMPTION

COMPANIES OF ANY SECTOR AND PUBLIC ADMINISTRATIONS
  - Energy audits
  - ESE (Energy Services Company) design and proposal of measures for energy saving
  - Energy-efficiency solutions
  - Water footprint design
  - Technologies for efficient non-destructive testing (NDT)

ELECTRICAL AND ELECTRONIC EQUIPMENT
  - Equipment design and products with lower energy consumption
  - Obtaining the energy-efficiency certificate for products

CONSTRUCTION
  - Sustainable certifications: BREEAM, LEED and GREENLIGHT

BIODIVERSITY AND ECOSYSTEMS PROTECTION

ENERGY AND TELECOMMUNICATIONS
  - Environmental monitoring of electrical networks
  - Landscape integration studies
  - Environmental Impact Assessments

ORGANISATIONS AND PUBLIC ADMINISTRATIONS
  - Strategic Environmental Assessments

INDUSTRY AND OIL & GAS
  - Innovative technologies for efficient non-destructive testing (NDT)

CIVIL INFRASTRUCTURE AND MINING
  - Testing, process engineering and production optimisation by applying criteria for sustainability
  - Environmental Impact Assessments
  - Plans and programmes for environmental monitoring (throughout infrastructure operation and environment restoration work)
  - Land surveying services
  - Restoration plans

CERTIFICATION AND VERIFICATION OF MANAGEMENT MODELS

COMPANIES IN ANY SECTOR
  - Advice for compliance with applicable national and international standards and regulations
  - Implementation of Environmental Management Systems
  - Application of good environmental practices in facilities and offices
  - Conducting Environmental Risk Analysis
  - Design of environmental indicators
  - Authorised control body of a large number of public administrations

ORGANISATIONS AND PUBLIC ADMINISTRATIONS
  - Advice to the public administrations to develop regulations and the design of guides to facilitate their application
  - Design of environmental indicators

MINIMISATION OF WASTE AND OPTIMISATION OF MANAGEMENT

INDUSTRY
  - Analysis of products/services life-cycle
  - Design and implementation of integrated waste-management systems
  - Packaging declarations and packaging waste

ELECTRICAL AND ELECTRONIC EQUIPMENT
  - Analysis of the equipment life-cycle
  - Design and implementation of integrated waste-management systems
  - Application of restrictions on the use of certain dangerous substances in the manufacture of equipment

CONSTRUCTION
  - Construction and waste audits
  - Plans for the waste management and minimisation
  - Asbestos detection audits and processes for its controlled management
  - Physical and chemical testing on construction materials to ensure environmental standards

ORGANISATIONS AND PUBLIC ADMINISTRATIONS
  - Design and development of joint plans for circular-economy strategy implementation
OUR PROJECTS’ CONTRIBUTIONS TO SUSTAINABILITY

SUPERVISION OF SOLAR AND WIND ENERGY PROJECTS IN MEXICO

Applus+ has signed a 60-month contract with the main mining company in Mexico to oversee the management of operations and maintenance of the solar parks in Tulli and Helios, producing 300MW of energy, and the San Matías wind farm project, producing 30.4MW of energy. Our technicians delivered Quality Control and Quality Assurance inspections to monitor and report through real-time analysis at the sites.

At the 285MW wind farm in Fenicias, our technical team carried a range out services in engineering reviews, construction management, OHS coordination, inspection services and commissioning supervision. In addition, Applus+ developed a complete management-engineering contract at the 250MW wind farm in Mezquite.

Applus+ also provided NDT inspections and audits at the construction of the Delaro wind farm, which has a nominal capacity of 117MW delivered by 4.0MW turbines. Applus+ ensured compliance with standards covering quality, OHS services, environment, cost and expected time to assist and advise the client throughout the construction phase.

At the 295MW wind farm in Fenicias, our technical team carried a range out services in engineering reviews, construction management, OHS coordination, inspection services and commissioning supervision. In addition, Applus+ developed a complete management-engineering contract at the 250MW wind farm in Mezquite.

NEW BUSINESS FOR WIND AND SOLAR RENEWABLES IN AUSTRALIA AND SUB-SAHARAN AFRICA

Applus+ signed a framework agreement to deliver supervision services during the construction of both wind and solar power plants. Our teams will provide a range of services related to civil, electrical, mechanical, OHS services, environmental and quality-control monitoring to several facilities located in Australia, as well as Ethiopia, Zambia and other countries of Sub-Saharan Africa.

On other renewable projects, Applus+ won a new contract for supervision services at other construction projects, including the provision of technical experts for the Site Manager and Civil Engineer roles in Berrinang Wind Farm (Australia), generating 212 MW of wind energy.

NEW SOLAR ENERGY PROJECTS IN SPAIN

Applus+ won a new engineering contract for photovoltaic solar plants in Spain for the period 2019-2022. The services include quality control and supervision during the construction and commissioning stages of the renewable plant, in addition to a range of services in mechanical, electrical, OHS services and environmental supervision.

With this contract, we have increased the inspection services delivered to the solar energy industry in Spain, consolidating the services Applus+ already delivered in this renewable power during 2018.

MONITORING CONSTRUCTION AND OPERATIONS AT AN OFFSHORE WIND FARM IN THE BALTIC SEA

Applus+ monitored the construction and start-up of a large offshore wind farm for a leading energy company operating in the Baltic Sea. The technical specialists at Applus+ combined their expertise in renewable energy, technological innovation, global resources and development to support the project for this new energy resource.

The monitoring work was carried out by a technical team drawn from a range of companies and countries. Key phases of the project included the installation of 280 pillars in the seabed to support the foundations; the installation of the offshore substation; the installation and power up of more than 80 km of underwater cables; and the installation of 70 wind turbines.

ACHIEVEMENTS FOR SERVICES ON PHOTOVOLTAIC–SOLAR TECHNOLOGY PROJECTS

Applus+ won significant contracts last year to support various solar energy projects around the world, totaling more than 700MW in photovoltaic solar technology. The projects included site engineering, supervision during construction, and technical support and supervision during the commissioning stage.

The contracts saw our teams working in countries ranging from Spain, Egypt, Mexico and Malawi. In addition, Applus+ was awarded contracts for technical supervision in Russia, Australia, Oman and Zambia. These join counties within the Group’s global presence in renewables, such as in Mongolia, Brazil and Panama.

The new Malawi project demonstrated the Group’s use of global resources to meet local challenges as our teams delivered a new range of services in a different geography. Bringing together different types of knowledge and disciplines, this service was the most comprehensive to date for a new construction project, which combined technical supervision skills for the construction and start-up of such a large photovoltaic plant and renewable MW output.

ON-BOARD EMISSION TESTS FOR PUBLIC TRANSPORT

In Denmark, Applus+ is delivering a four-year contract to conduct environmental tests for the country’s largest bus company, which aims to measure and control the amount of CO2 and noise emissions released by buses in Denmark.

Our technicians from Applus+ have developed new technology to test emissions on the public transport buses while the vehicles are in operation on their routes. The team from Applus+ in Denmark has been involved in the R&D process since its inception, developing software and testing equipment with assistance from our IT and Technical department in Spain.

The initial testing in Copenhagen delivered very positive results, and the Danish government will now expand the bus-testing activities across the whole country, where Applus+ has also been selected to partner the authorities to test and control the emissions from buses nationwide.

DETAILING ENERGY–EFFICIENCY GAINS FOR BRAZILIAN INDUSTRY

On a World Bank funded project, Applus+ studied various industrial segments, such as aluminium, paper or food, in Brazil to produce a detailed analysis of the basic data of the energy used in different sectors.

The information collected measurements for the use of both electrical and thermal energy by conducting field visits. The resulting analyses revealed many opportunities to improve energy efficiency, and outlined the available technologies that could be viable for each sector.

The project is assisting in the introduction of greater energy-efficiency across the major industry sectors in Brazil, and the resulting actions will bring efficiency benefits to production across the Brazilian economy as a whole.
ELECTRIC MOBILITY SERVICES AT NEW E-MOTOR TEST LABORATORY

Applus+ in Spain has inaugurated a new electronic-engine testing laboratory which can test electric traction units and motors on electric vehicles through the latest technologies and test techniques. The new facilities offer full-service tests on vehicle-development projects on the latest generation of electric and hybrid powered vehicles.

With this new technology at our leading-edge testing laboratories, Applus+ IDIADA continues to innovate and improve its test circuit facilities to offer first-class design, engineering, testing and approval services for the automotive industry to develop more environmentally friendly vehicles.

REAL DRIVING EMISSIONS: CHALLENGES FOR THE AUTOMOTIVE INDUSTRY

Testing car emissions has become a crucial element of production for original equipment manufacturers (OEM) in the automotive sector, and consumers are increasingly conscious of the level and impact of emissions when buying a vehicle. According to the new EU regulations, in addition to completing laboratory tests (WLTP), vehicles must complete road tests in a Real Driving Emissions (RDE) test.

Under RDE conditions, the vehicles driven on public roads are exposed to different conditions of altitude, temperature, payload, etc. to verify that the legal limits for different pollutants from the vehicles are not exceeded.

The combination of experience and knowledge allows the technicians at Applus+ to offer a complete integrated and independent service that meets the latest requirements of the RDE regulations. The work at Applus+ ensures that customers in the automotive sector have access to independent technical support to ensure compliance with legislation for safe levels of vehicle emissions.

ENVIRONMENTAL MANAGEMENT MODERNISATION IN URUGUAY

Applus+ has developed a project for a major energy company in Uruguay to update and improve its environmental management systems. The programme began with a comprehensive environmental diagnosis to design an action plan needed to reach international standards, and, with management and performance indicators through a new IT system, Applus+ has assisted in digitally transforming the company’s environmental management.

Thanks to this project, our client has established itself as a leading company for environmental management in its sector, and our client is the first company to achieve reductions in greenhouse emissions in Uruguay.
Our responsibility towards society takes two lines of approach:

- Social engagement by promoting our social action initiatives
- Contribution of our services to local social and economic development

In the communities where the Group is present, our services and activities make positive impacts in a number of ways. As well as expanding the social and human capital within societies, our companies’ presence make economic contributions for sustainable local development and provide equal employment opportunities for local people. The Group’s services and products also add value to the societies’ resources and infrastructures. As a global company with local expertise, we therefore promote the importance of recognising our social responsibilities where we operate to all of our stakeholders.

To support this awareness, the Applus+ Group encourages our professionals to play an active role in their areas, supporting local development and educational projects within many communities around the world.

### Social action

The Applus+ Group deploys its social commitment locally, with our social initiatives managed by local employees. This offers our people the insights to identify and really understand the human issues as they affect communities locally, and support effective social actions that ensure targeted social benefits.

We also give our teams the autonomy to make the most suitable decisions in each region to facilitate the most appropriately-designed social programmes.

### SOCIAL ACTION FOCUS

In 2019, Applus+ focused our social action on the following lines, which follow on from the social actions already implemented in the past years by the Group.

#### SOCIAL ACTIONS

- Social sponsorships or direct financial contributions
- Promoting safe and healthy lifestyles
- Educating young people to capitalise from new technology
- Caring for life-threatening illnesses
- Supporting disadvantaged groups

#### EMPLOYEES FROM Applus+ IN IRELAND DONATED OVER €4,000 TO THE HOMELESS

With people struggling to meet their housing needs in Ireland, our team from Applus+ focused an initiative to raise money for some of the immediate needs accompanying the hardship of this social disadvantage.

During 2019, our employees participated in a series of fundraising activities and donated more than €4,000 to a charity that is helping people without homes in Ireland. This charity known as “The Capuchin Centre” offers lunch and dinner, totalling around 5,000 meals per week, where recipients can also take showers and pick up clean clothes. All the money raised by our people at Applus+ in Ireland went to provide food and shelter.

This dedication to their local people sees Applus+ in Ireland committed to continue raising funds for the homeless in Ireland annually.

#### “GIVING BACK” AT Applus+

“Giving Back” is a monthly activity that Applus+ runs in Indonesia as part of their social benefit initiatives. In one of their activities in September 2019 our staff visited a local orphanage in Pondok Pinang, Jakarta and shared some donations and happiness with 100 orphans.

Through this initiative, we offer support for the social needs of the community’s children, contributing to operational support of the orphanage, mainly by donations covering nutrition, health and daily needs.

“Giving Back” contributes to the environment and social welfare, and the programme also harmonises local support from employees with global corporate citizenship to give back to communities where we operate.

#### ENHANCING LIFE-OPPORTUNITIES FOR PEOPLE WITH DIFFERENT CAPACITIES IN SPAIN

Applus+ in Spain runs several activities that support foundations and associations working with people who have different intellectual capacities.

- **Charitable Markets.** In May 2019 Applus+ organised a solidarity market with the Prodis Special Employment Centre Foundation in Madrid’s offices, which raised funds to finance training projects for the organisation. The market event sold products made by the association’s young people with different intellectual capacities.

  In December 2019, teams from Applus+ also sponsored other similar charity markets at different locations in Spain, including Sevilla, Sada, Madrid or Bellaterra. In Bellaterra in Spain, for example, the Robin Hood association sold food made by people with different intellectual capacities.

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- **Merchandising.** We have included corporate merchandise made by the people from the Prodis Foundation, which supports social inclusion for people with different capacities. Their products are now part of the Division’s purchasing catalogue for landyards, webcam covers, bottle and cases for corporate mobile phones.

- **Christmas hampers.** The Automotive Division in Spain orders their Christmas hamper gifts for their employees from the Cares Foundation.

- **Leadership and team-building for people with disabilities.** Our personnel assist people with disabilities at the foundation to lead team-building activities delivered to the Applus+ employees.

- **Direct economic donations.** Donations in financial support: €3,000 to Prodis Foundation and €30,000 to ADCOR, NGOs in Spain supporting people with disabilities through day centres and employment services.

The total collected in these five markets in 2019 arrived to approximately €7,000. These benefits went entirely to foundations dedicated to people with different intellectual capacities.

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EDUCATING YOUNG PEOPLE TO CAPITALISE FROM NEW TECHNOLOGY

“JO ENGINYERA” PROJECT

Presenting at conferences for secondary-school students, women from the IDIADA Division’s team in Spain share their academic and professional experiences on their paths to technical positions at Applus+, and they offer their young audiences insights into the options open in their professional careers.

Our “Jo Enginyera” project started in 2010, and since then we have spread this message to over 1,500 young people. These positive stories help spark an interest in women to consider the Automotive and Engineering sector, while contributing to breaking gender stereotypes.

Each year, the IDIADA Division puts out a call to the women in their team to stand as nominees to share their experiences with the young women exploring careers in engineering.

VULCANUS PROGRAMME

The VULCANUS programme brings together Japanese engineering students and companies based in European Union to fulfil industrial placements for overseas work experience. During 2019, the students work within the IDIADA team under the supervision of key project managers.

During their time with Applus+, the students are given the opportunity to contribute to several cross-departmental projects. Prior to starting with Applus+, they attend a seminar in Brussels to increase their familiarity with the EU and undertake a 15-week language course to support their stay.

Applus+ has hosted 30 Japanese students over the 12 years participating in the programme.

The scheme has enabled the visitors to gain an understanding of European approaches to team-working and decision-making, as well as explore how to manage cross-cultural issues.

COLLABORATION WITH THE PROFESSIONAL TRAINING FORMULA STUDENT PROGRAMME AND KART ACADEMY AT THE IDIADA DIVISION

The IDIADA Division co-sponsors a number of vehicle-engineering related events in Spain, collaborating with advice and answering technical questions from the participating students.

- *Formula Student* is a training project that involves the design, development and construction of a single-seater racing car. The project climaxes with a competitive race among the students from universities all over the world at the Circuit of Catalunya.

- *Kart Academy* is an educational project aimed at designing, building and competing in a go-kart, developed by students from institutes and schools for automotive training.

The Division promotes voluntary participation in these events among its professionals, with the aim of promoting the company and capturing the attention of the students as potential talent for Applus+ in the future.

SUPPORTING DISADVANTAGED GROUPS

Applus+ WITH THE “HEROES OF COLOMBIA”

In 2017, Applus+ in Colombia signed an alliance with the Matamoros Corporation to support work and social inclusion opportunities for people with disabilities.

The programme helps integrate these employees into different projects and administrative areas of Applus+ in Colombia.

Our work-support programme encourages these personnel to develop their personal and professional skills, and also generates new life projects away from disability, as well as support their social, economic and emotional rehabilitation.

In February 2018, the partnership began by linking 11 people with disabilities to roles within Applus+. In 2019, there were nine collaborators with physical disabilities, caused by injuries in combat and/or in activities related to their work in military or police services, working at several business areas in Colombia.

AGREEMENT WITH THE SAN JOSÉ FOUNDATION FOR CHILDREN TO RECYCLE PAPER

Through an agreement with the San José Foundation for the adoption of children, the Energy & Industry Division at Applus+ in Chile participates in an initiative to reduce administrative waste through the better recycling of paper waste. In addition, with the money collected by the recycling, this initiative contributes to the foundation, supporting its work to welcome women with unwanted pregnancy, newborns, children and future adoptive parents.

There are already more than 20,000 companies that have committed to recycling their white paper, photocopies and other types, promoting both sustainability among its employees and also solidarity with children. In the participating companies, waste-collection boxes are distributed by a waste-recycling company, who issue a donation certificate to companies gathering more than 100 kilograms of paper annually.

Through the initiative, paper consumption has been reduced by 6% compared to 2018, with 680 kg of paper being recycled - equivalent to approximately 12 trees.

ECOMBÉS PROJECT “RECYCLE TO CHANGE LIVES”

Applus+ in Spain has developed a collaboration with Ecombés to promote the social inclusion of people at risk of exclusion. The project connects the employment needs of Applus+ with people in vulnerable situations seeking work in the sector.
CARING FOR LIFE-THREATENING ILLNESS

DKMS FOUNDATION CAMPAIGN: “TOGETHER AGAINST BLOOD CANCER”

Applus+ in Chile conducts campaigns towards all of its personnel to help find compatible donors for people with blood cancer or to facilitate access to treatment, no matter where they are in the world.

The Human Resources department in Chile encourages its employees to donate blood stem cells. Through this awareness initiative, Applus+ is supporting the growth of an international community of blood stem-cell donors, with the goal that every day more people have a second chance to live and recover from blood cancer.

CHARITY RACE FOR THE FIGHT AGAINST MINORITY DISEASES

For the second year, the Laboratories Division in Spain sponsored the “Cursa solidaria” (Solidarity Run) organised by the Autonomous University of Barcelona.

This was the eighth edition of the race, which was held in Barcelona on 15th December in support of the “La Marató” Foundation of TV3. This year the funds from the participants’ registration contributed to research into rare diseases.

BLOOD DONATION CAMPAIGNS

Applus+ Velosi from the Energy & Industry Division in the United Arab Emirates organised an event to blood donation and to support the local blood bank, with donation campaigns also being held in Spain (Bellaterra y Madrid).

“RIDE 4 THE ROSES” CYCLING COURSE

Applus+ in the Netherlands entered a cycling event called “Ride 4 the Roses” to help raise money for research into the control of cancer. The event collected a total of €852,709, and all the money raised was invested completely into new techniques for the global fight against cancer. A team of employees from Applus+ in the Netherlands entered the event, and rode in the company’s sponsored cycling gear.

PROMOTING SAFE AND HEALTHY LIFESTYLES

At Applus+, the Group supports different activities related to co-funding of gymnasium fees, and we offer economic and material support for the employees who participate on runs to promote healthy habits.

“DON’T PLAY WITH FIRE” CAMPAIGN

The Automotive Division in Costa Rica launched its “Don’t Play with Fire” campaign in partnership with the Costa Rica Fire Service to prevent fires in vehicles, following a rise in the number of these types of accidents. The initiative is being developed jointly with the Costa Rican Fire Department, the Traffic Police and the Road Safety Council.

Deploying a series of messages at the local vehicle inspection stations and across social media and other communications channels, the Costa Rican authorities and Applus+ are reminding vehicle owners of the importance of carrying out regular vehicle-safety checks.

“BEAT DIABETES WALK” CAMPAIGN


This initiative is a significant event to meaningfully engage with the community on this important health issue, and helps to spread awareness about the risks of diabetes to a large cross-section of the community.

The three-kilometre walkathon was held in Dubai, the UAE, with over 20,000 UAE residents taking part in the event to promote diabetes awareness and pledged to lead an active and healthier lifestyle.

All of the proceeds from the registrations contribute to a foundation for diabetes research, awareness and care.
The contribution of our services to development

OUR MAIN CONTRIBUTIONS
Our activities contribute to the competitiveness of local companies and developmental growth of countries in several ways.

LOCAL SOCIO-ECONOMIC DEVELOPMENT

1. Promoting employment in local communities: direct hiring of employees on our projects at a local level, and generating indirect employment through contracting local suppliers for our activities. Applus+ increased the number of employees, with a net job creation of more than 2,300 new jobs in the last 4 years.

2. Training local experts to deliver specific capabilities and sharing our acquired expertise in technical areas of our business. The Applus+ Group also participates in numerous technical groups to develop regulations, and in professional associations to establish dialogue with stakeholders. These contributions foster the development and implementation of technological and legislative policies.

3. Collaborating on key infrastructure improvements: creating or upgrading access routes or developing better road networks, delivering Quality Assurance on construction, OHS inspections for safer infrastructures at power or water facilities, through quality and safety inspections, and delivering efficiency solutions in key areas (i.e. energy-efficiency management services for government programmes, etc.)

4. Contributing to preservation of local culture by maintaining heritage sites

5. Encouraging local innovation by bringing new technologies or pioneering techniques for local implementation: in TIC inspection for example, independent vehicle-emissions testing equipment, infrastructure testing and automotive passive-safety testing

The contribution of our services to development

KEY PROJECTS

LOCAL EMPLOYMENT INITIATIVES

SUPPORTING LOCAL EMPLOYMENT ON AN OIL AND GAS PROJECT IN DARWIN, AUSTRALIA

For over 10 years, Applus+ has been employing local technical and administrative personnel at its Darwin office in East Arm. In this time, Applus+ has employed 15 Darwin-based staff, who primarily work on a contract for an oil and gas major implementing a large-scale LNG Project in the region.

The LNG project is now fully operational, and Applus+ plan to increase the residential workforce to fulfil the inspection and technical roles required on the plant’s assets.

With the collaboration of the project’s client, Applus+ is offering current and potential new team members the opportunity to relocate to Darwin with their families to join the residential team. The support combines training and other initiatives to ensure that Applus+ can provide the right inspection and technical staff needed for delivering inspection services on the project.

Applus+ is strongly committed to supporting the project, and this further collaboration cements our long-term support in the Northern Territory and for the local community.
PROGRAMMES FOR TRAINING LOCAL PROFESSIONALS

SAUDI NATIONAL INSPECTOR TRAINING PROGRAMME

This programme is delivering our compliance commitments with the Saudi National Transformation Programme, which obliges Saudi companies to employ a certain percentage of Saudi nationals as part of the Saudi Vision 2030.

The training aims to provide systematic experience to Saudi national trainees and enable the recruits to become qualified and competent inspection engineers.

The programme is training a new generation of local workforce to perform NDT inspection activities on construction projects, in accordance with the client’s and international standards.

Our training and orientation provides trainees with an overview of Applus+ and the oil and gas industry, and the courses emphasise the local major oil company’s specifications, quality assurance and quality control concepts, NDT inspection and reporting techniques.

CONTRIBUTION TO IMPROVING KEY LOCAL INFRASTRUCTURE

ELECTRICAL-SYSTEMS PROJECT FOR THE ENERGY SECTOR IN COLOMBIA

A Colombian market leader in the supply and sale of electrical power has awarded Applus+ a contract to monitor, measure and verify its electrical systems in the city of Bogota (Colombia).

The project will be rolled out over the coming three years, and Applus+, through its Energy & Industry Division’s team in the country, will provide services in the capital’s South-Eastern zone and surrounding areas.

The contract provides a range of inspection services to ensure the power grid and distribution lines are fit for purpose and any energy losses are controlled. The project’s scope includes the maintenance planning and implementation of the technical measures required for NDT electrical inspections at the company’s various facilities and assets.

QUALITY ASSURANCE AND CONTROL AT A WATER DESALINATION PLANT IN CHILE

Applus+ has won a contract from an investment consortium to deliver inspection, Quality Assurance and Quality Control services during the construction of a seawater desalination plant, which will supply water to the Spence mine in Chile.

The seawater desalination plant will produce at a capacity of 86,600m³ per day by a process known as reverse osmosis, and the services will be delivered in two stages at the plant in northern Chile’s Antofagasta region.

Applus+ will deploy technicians in the first stage of the project, covering the engineering, construction and commissioning phases. Following the plant’s start up, Applus+ will provide NDT inspection service during the plant’s operation, which will run for 20 years.

HELPING TO PRESERVE CULTURAL HERITAGE

QUALITY CONTROL OF MASONRY AT GAUDI’S SAGRADA FAMILIA IN BARCELONA (SPAIN)

Three years ago, our team began to perform quality control inspections on materials and masonry at Antoni Gaudi’s architectural masterpiece and iconic cathedral in Barcelona (Spain). The work is expected to end in 2026, coinciding with the centenary of Gaudi’s death.

Our team has been successfully solving the difficulties associated with this complex project, like the quality control of over 15,000 pieces for seven different types of masonry structures, which had to be assembled according to a special construction technique; or to fit the ‘stone-on-stone’ structure, and, due to the construction method without concrete and the geometry of the pieces, our team had to perform exhaustive control and laboratory tests.

Applus+ Energy & Industry in the northeast area of Spain has been leading and coordinating the project since the start of the contract, with the support of the Division’s Construction Laboratory in the northwest and southern region.

FOSTERING LOCAL DEVELOPMENT OF NEW TECHNOLOGIES

EVALUATING DRONE UAV INSPECTIONS FOR THE COSTA RICAN INSTITUTE OF ELECTRICITY (ICE)

At the request of the Inter-American Development Bank, Applus+ has been drawing from our knowledge for asset inspections using UAV drones to evaluate the feasibility of UAV inspection techniques for power lines in Latin America.

This consultancy project entailed an assessment of UAV inspection opportunities for the ICE Group’s various electricity and telecommunications businesses. Our work focused on defining the most appropriate drones and inspection at each of the ICE business areas and locations – assessing the drone model, level of autonomy and the suggested frequency of use.

Through this project, the Energy & Industry Division has identified the key benefits and limitations of using drones for aerial surveillance on the ICE’s asset inspections, and our team’s SWOT analysis identified the optimum use of UAV drones to inspect, monitor and collect data on power lines and infrastructures for the client.

Thanks to our extensive experience in UAV drone inspection techniques and surveillance, Applus+ provided training and awareness sessions to ICE personnel on how to use drones effectively.

PIioneer ing Road–Surface Auscultation Contract in Panama

Applus+ in Panama has been awarded a road–surface auscultation contract by a road concessionaire in Panama. The project measures the structural and functional variables of road surfaces to assist in improving road management and conservation by planning maintenance and intervention more effective and timely.

Our team will survey approximately 50 km of roads under this contract, which represents more than half of Panama’s toll roads. The project scope includes: assessing structural and functional variables of road surfaces to assist in improving road management and conservation by planning maintenance and intervention.

Applus+ in Panama is delivering the work with close collaboration with the road–surface auscultation team at the Energy & Industry Division in Spain.
About the report

Approach to sustainability reporting

This report has been prepared in accordance with the GRI Standards, Core option. The information reflects all of the Applus+ Group’s operations and activities during 2019 (1st January – 31st December). The Applus+ CSR Report is published annually.

The report covers the requirements under the Spanish Law 11/2018, 28th December, which modifies the Commercial Code; the revised text of the Capital Companies Act approved by Royal Legislative-Decree 1/2010, 2nd July; and Law 22/2015, 20th July, of Audit of Accounts, in the matter of non-financial information and diversity.

This report constitutes the 2019 Global Compact’s Communication on Progress (CoP) of the Applus+ Group (GC Active level).

In the cross-reference tables, we link the information required by GRI Standards, the UN Global Compact, and Law 11/2018, 28th December, to the corresponding section within the report.

The report is based on the following principles, used to define its contents with the most suitable quality level:

- **Stakeholder inclusiveness**
  The report’s content draws from the outcomes of our stakeholder’s interest assessment and engagement processes, which are undertaken specifically for the report (see Materiality Analysis).

- **Materiality**
  We made a materiality analysis in order to identify the most important topics for Applus+ and for our main stakeholders. We reviewed material topics in respect to relevant global trends and specific relevant business activity sectors, to the interests of the Applus+ Group and to our stakeholders (see Materiality Analysis).

- **Completeness**
  Comprehensiveness is covered by the material topics considered in the report and the development of each one along the reporting period.

- **Accuracy**
  The report indicates measured data, estimated data and the bases for calculation.

- **Timeliness**
  The report clearly indicates the period to which the information relates, when it will be updated, and when the latest updates were made.

- **Clarity**
  Stakeholders can find the specific information they want without unreasonable effort.

- **Balance**
  The report covers both favourable and unfavourable results and topics. The emphasis on each topic reflects their relative priority.

- **Reliability**
  The report identifies the original sources of the information in the report. Representation is available from the original data.

- **Comparability**
  The report and its information can be compared on a year-to-year basis. Significant variation is identified and explained.

**Sustainability context**

Applus+ presents its performance with reference to broader sustainable development conditions and goals, as reflected in recognised sectorial, local, regional or global instruments (see CSR Policy and CSR Strategic lines).

**UAV drone powerline inspection**

The report indicates measured data, estimated data and the bases for calculation.
### Data related to human resources

#### DATA RELATED TO HUMAN RESOURCES

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<thead>
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<th>ORGANISATIONAL LEVEL</th>
<th>NUMBER OF EMPLOYEES 2018</th>
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Tier 1: Managers who report directly to Applus+ Group’s CEO

Tier 2: Managers who report directly to Tier 1 (corporate area directors, regionals, business unit area managers or country managers if they report directly to Tier 1)

Tier 3: Managers who report directly to Tier 2 (corporate areas managers, heads of departments, regionals, business unit area managers or country managers, key account managers, business line managers if they report directly to Tier 2)

Others: Any other employee not included in the categories detailed above

### TOTAL EMPLOYEES

23,051

### NUMBER OF EMPLOYEES BY GENDER

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Figures from 2018 are available in the Applus+ CSR Report 2018.

Variation 2018 and 2019 coded as:

- below 10%
- between 10 and 30%
- between 30 and 50%
- above 50%

*The figures cover 99% of Applus+ employees:*
### The figures cover 99% of Applus employees:

#### NUMBER OF EMPLOYEES BY GENDER & AGE

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<th>MALE 30 YEARS OLD</th>
<th>MALE ≥50 YEARS OLD</th>
<th>FEMALE &lt;30 YEARS OLD</th>
<th>FEMALE 30 YEARS OLD</th>
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#### Figures from 2018 are available in the Applus+ CSR Report 2018.

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- between 30 and 50%
- above 50%

#### NUMBER OF DISMISSALS BY GENDER & ORGANISATIONAL LEVEL

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#### NUMBER OF EMPLOYEES BY GENDER & CONTRACT

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<td><strong>Total</strong></td>
<td>18,544</td>
<td>22,867</td>
<td>4,303</td>
<td>1,390</td>
<td>27,711</td>
</tr>
</tbody>
</table>

*Figures from 2018 are available in the Applus+ CSR Report 2018.*

Variation 2018 and 2019 coded as:
- below 10%
- between 10 and 30%
- between 30 and 50%
- above 50%
The figures cover 99% of Applus+ employees:

### Parental Leave by Gender

<table>
<thead>
<tr>
<th>Region</th>
<th>Country/Region/Country</th>
<th>Male</th>
<th>Female</th>
<th>Male</th>
<th>Female</th>
<th>% Return</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Asia Pacific</strong></td>
<td>Australia</td>
<td>11</td>
<td>5</td>
<td>11</td>
<td>4</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>5</td>
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<td>4</td>
<td>4</td>
<td>100%</td>
</tr>
<tr>
<td><strong>Latin America</strong></td>
<td>Brazil</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Colombia</td>
<td>7</td>
<td>21</td>
<td>8</td>
<td>8</td>
<td>88%</td>
</tr>
<tr>
<td></td>
<td>Guatemala</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Panama</td>
<td>0</td>
<td>11</td>
<td>9</td>
<td>9</td>
<td>83%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>17</td>
<td>3</td>
<td>11</td>
<td>3</td>
<td>65%</td>
</tr>
<tr>
<td><strong>Middle East and Africa</strong></td>
<td>Oman</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Saudi Arabia</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Rest of Europe</strong></td>
<td>Germany</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>1</td>
<td>20%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>8</td>
<td>6</td>
<td>0</td>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Spain</strong></td>
<td>Spain</td>
<td>20</td>
<td>118</td>
<td>6</td>
<td>3</td>
<td>30%</td>
</tr>
<tr>
<td></td>
<td>USA and Canada</td>
<td>328</td>
<td>195</td>
<td>102</td>
<td>18</td>
<td>53%</td>
</tr>
<tr>
<td></td>
<td>USA and Canada</td>
<td>17</td>
<td>11</td>
<td>0</td>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>367</td>
<td>268</td>
<td>251</td>
<td>130</td>
<td>65%</td>
</tr>
</tbody>
</table>

The figures cover 99% of Applus+ employees:

### Number of Employees Covered by Collective Agreements

<table>
<thead>
<tr>
<th>Region</th>
<th>Country/Region/Country</th>
<th>Employees Covered by Collective Agreements</th>
<th>% Employees Covered by Collective Agreements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Asia Pacific</strong></td>
<td>Australia</td>
<td>115</td>
<td>30%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>330</td>
<td>28%</td>
</tr>
<tr>
<td><strong>Latin America</strong></td>
<td>Brazil</td>
<td>598</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Chile</td>
<td>111</td>
<td>15%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>295</td>
<td>8%</td>
</tr>
<tr>
<td><strong>Middle East and Africa</strong></td>
<td>Other countries</td>
<td>332</td>
<td>64%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>789</td>
<td>97%</td>
</tr>
<tr>
<td><strong>Rest of Europe</strong></td>
<td>Germany</td>
<td>598</td>
<td>97%</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>469</td>
<td>36%</td>
</tr>
<tr>
<td><strong>Spain</strong></td>
<td>Spain</td>
<td>7,761</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>USA and Canada</td>
<td>642</td>
<td>27%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>12,088</td>
<td>53%</td>
</tr>
</tbody>
</table>

### Number of Employees by Gender & Dedication

<table>
<thead>
<tr>
<th>Region</th>
<th>Country/Region/Country</th>
<th>Male</th>
<th>Female</th>
<th>Full Time</th>
<th>Part Time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Asia Pacific</strong></td>
<td>Australia</td>
<td>519</td>
<td>4</td>
<td>519</td>
<td>0</td>
<td>519</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>74</td>
<td>4</td>
<td>37</td>
<td>37</td>
<td>74</td>
</tr>
<tr>
<td><strong>Latin America</strong></td>
<td>Brazil</td>
<td>48%</td>
<td>14%</td>
<td>7</td>
<td>37</td>
<td>51%</td>
</tr>
<tr>
<td></td>
<td>Chile</td>
<td>67</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>67</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>301</td>
<td>1</td>
<td>300</td>
<td>1</td>
<td>301</td>
</tr>
<tr>
<td><strong>Middle East and Africa</strong></td>
<td>Oman</td>
<td>47</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>Saudi Arabia</td>
<td>5</td>
<td>1</td>
<td>5</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td><strong>Rest of Europe</strong></td>
<td>Germany</td>
<td>225</td>
<td>2</td>
<td>223</td>
<td>2</td>
<td>225</td>
</tr>
<tr>
<td></td>
<td>Other countries</td>
<td>72</td>
<td>1</td>
<td>71</td>
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<td>72</td>
</tr>
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<td>1,180</td>
</tr>
<tr>
<td></td>
<td>USA and Canada</td>
<td>252</td>
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<td>250</td>
<td>3</td>
<td>250</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>21,733</td>
<td>1,114</td>
<td>22,847</td>
<td>1,114</td>
<td>22,847</td>
</tr>
</tbody>
</table>

Figures from 2018 are available in the Applus+ CSR Report 2018.

Variation 2018 and 2019 coded as:
- below 10%
- between 10 and 30%
- between 30 and 50%
- above 50%
### Annual Compensation Ratio

#### Ratio: Annual Compensation of the highest paid individual compared to the AVG Compensation W/O the highest paid individual

The figures cover 93% of Applus+ employees; Executive Committee in Spain not included.

<table>
<thead>
<tr>
<th>REGION/COUNTRY</th>
<th>Ratio 2019*</th>
<th>Ratio 2018</th>
<th>Region</th>
<th>Country</th>
</tr>
</thead>
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<tr>
<td>Asia Pacific</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>4.2</td>
<td>2.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other countries</td>
<td>16.6</td>
<td>4.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>3.1</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chile</td>
<td>7.8</td>
<td>6.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colombia</td>
<td>10.7</td>
<td>11.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guatemala</td>
<td>5.7</td>
<td>5.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panama</td>
<td>5.7</td>
<td>6.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other countries</td>
<td>11.4</td>
<td>11.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin America</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
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<td></td>
<td></td>
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<tr>
<td>Chile</td>
<td>4.6</td>
<td>4.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colombia</td>
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<td>2.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guatemala</td>
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<td>7.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panama</td>
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<td>11.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Middle East and Africa</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oman</td>
<td>12.2</td>
<td>6.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Qatar</td>
<td>4.3</td>
<td>8.3</td>
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<td></td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>7.4</td>
<td>5.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other countries</td>
<td>13.3</td>
<td>13.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rest of Europe</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>3.2</td>
<td>3.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>4.2</td>
<td>4.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>4.8</td>
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</tr>
<tr>
<td>Spain</td>
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</tr>
<tr>
<td>USA and Canada</td>
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</tbody>
</table>
### Number of employees with benefits

<table>
<thead>
<tr>
<th>Region</th>
<th>Life Insurance</th>
<th>Health Care</th>
<th>Educational Allowance</th>
<th>Disability and Invalidity Cover</th>
<th>Parental Leave</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Permanent</td>
<td>Temporary</td>
<td>Permanent</td>
<td>Temporary</td>
<td>Permanent</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td></td>
<td>Permanent</td>
<td>Permanent</td>
<td>Permanent</td>
<td>Permanent</td>
</tr>
<tr>
<td>Australia</td>
<td>315</td>
<td>22</td>
<td>410</td>
<td>354</td>
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</tr>
<tr>
<td>Other countries</td>
<td>151</td>
<td>30</td>
<td>111</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>Brazil</td>
<td>179</td>
<td>12</td>
<td>226</td>
<td>15</td>
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</tr>
<tr>
<td>Chile</td>
<td>276</td>
<td>-</td>
<td>1</td>
<td>108</td>
<td>28</td>
</tr>
<tr>
<td>Colombia</td>
<td>134</td>
<td>55</td>
<td>119</td>
<td>124</td>
<td>4</td>
</tr>
<tr>
<td>Guatemala</td>
<td></td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Panama</td>
<td></td>
<td>-</td>
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<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Other countries</td>
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<td>1</td>
<td>9</td>
</tr>
<tr>
<td>Latin America</td>
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<td>Brazil</td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Chile</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Colombia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guatemala</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panama</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other countries</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Middle East and Africa</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oman</td>
<td>286</td>
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</tr>
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<td>Qatar</td>
<td>24</td>
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<td>331</td>
<td>1</td>
</tr>
<tr>
<td>Saudi Arabia</td>
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<td>-</td>
<td>193</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other countries</td>
<td></td>
<td>55</td>
<td>119</td>
<td>124</td>
<td>2</td>
</tr>
<tr>
<td>Rest of Europe</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Germany</td>
<td>271</td>
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<td>27</td>
<td>6</td>
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</tr>
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<td>Ireland</td>
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<td>-</td>
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<td>494</td>
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</tr>
<tr>
<td>Spain</td>
<td>447</td>
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<td>669</td>
<td>17</td>
<td>3</td>
</tr>
<tr>
<td>Spain and Canada</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>4,343</td>
<td>1,516</td>
<td>3,388</td>
<td>1,249</td>
<td>8666</td>
</tr>
</tbody>
</table>

**Life insurance**: Employees who had life insurance as a benefit. In Spain most of the Collective agreements have this due to business trips.

**Health Care**: Employees who had Health Care as benefit.

**Educational allowance**: Employees who enjoyed specific training programmes as Masters, PhD, etc.

**Disability and Invalidity cover**: Employees who enjoyed disability or invalidity cover.

**Parental leave**: Employees who enjoyed parental leave.

**Retirement provision**: Employees who received monetary assignations in their retirement plans to top of the local regulations.

**Stock Ownership**: Employees who received RSUs.

**Others**: Employees who received any other benefit.

---

### SALARY GAP BY GENDER

<table>
<thead>
<tr>
<th>Gender</th>
<th>2018 Avg</th>
<th>2019 Avg</th>
<th>2018 GAP</th>
<th>2019 GAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>29,612</td>
<td>30,770</td>
<td>-18%</td>
<td>-21%</td>
</tr>
<tr>
<td>Female</td>
<td>24,218</td>
<td>24,264</td>
<td>-0%</td>
<td>-0%</td>
</tr>
</tbody>
</table>

The figures cover 99% of Applus employees.
### Salary gap by organisation level (€)

<table>
<thead>
<tr>
<th>Level 1, 2 &amp; 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>63,836</td>
<td>37,916</td>
<td>28,260</td>
</tr>
<tr>
<td>Female</td>
<td>51,956</td>
<td>27,998</td>
<td>22,342</td>
</tr>
<tr>
<td>Level Gender</td>
<td>68%</td>
<td>34%</td>
<td>78%</td>
</tr>
<tr>
<td>Gap by level</td>
<td>25%</td>
<td>22%</td>
<td></td>
</tr>
</tbody>
</table>

The figures cover 93% of Applus+ employees.

### Salary gap by age (€)

**<30 years old**
- Male: 19,535
- Female: 16,049
  - Gap: -18%

**≥ 30 years old <50**
- Male: 31,663
- Female: 25,113
  - Gap: -21%

**≥ 50 years old**
- Male: 42,866
- Female: 33,519
  - Gap: -22%

(*) Salary gap: understood as the difference between the gross hourly wage of men and of women, expressed as a percentage of the gross hourly wage of men. Adversely, the calculation of this indicator is not adjusted to the individual characteristics and may explain part of the salary difference between men and women.

(**) The remuneration data provided in Annex I only considers our employees’ base salary because, due to the peculiarity of our activities, allowances, overtime and bonus systems are closely linked to the projects performed and therefore including those would distort the data provided for gender. Moreover, to guarantee the comparability of the information, data regarding part-time and employees contracted for less than a year has been extrapolated to full-time employees for the whole year.

### Salary gap by age & gender

<table>
<thead>
<tr>
<th>Age &amp; Gender</th>
<th>Male</th>
<th>Female</th>
<th>Salary Gap by Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 30 years old</td>
<td>19,535</td>
<td>16,049</td>
<td>-18%</td>
</tr>
<tr>
<td>≥ 30 years old &lt;50</td>
<td>31,663</td>
<td>25,113</td>
<td>-21%</td>
</tr>
<tr>
<td>≥ 50 years old</td>
<td>42,866</td>
<td>33,519</td>
<td>-22%</td>
</tr>
</tbody>
</table>

### Salary gap by organisational level (€)

<table>
<thead>
<tr>
<th>Level 1, 2 &amp; 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>63,836</td>
<td>37,916</td>
<td>28,260</td>
</tr>
<tr>
<td>Female</td>
<td>51,956</td>
<td>27,998</td>
<td>22,342</td>
</tr>
<tr>
<td>Level Gender</td>
<td>68%</td>
<td>34%</td>
<td>78%</td>
</tr>
<tr>
<td>Gap by level</td>
<td>25%</td>
<td>22%</td>
<td></td>
</tr>
</tbody>
</table>

Figures from 2018 are available in the Applus+ CSR Report 2018.

Variation 2018 and 2019 coded as:
- below 10%
- between 10 and 30%
- between 30 and 50%
- above 50%

Variation 2018 and 2019 coded as:
- below 10%
- between 10 and 30%
- between 30 and 50%
- above 50%
### SOCIAL TOPICS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Principle(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A01-2</td>
<td>Benefits which are standard for full-time employees but are not provided to temporary or part-time employees, by significant locations of operation</td>
<td>Principle 6</td>
</tr>
<tr>
<td>A02-1</td>
<td>Minimum notice periods regarding operational changes</td>
<td>Human Resource policies Principle 3</td>
</tr>
<tr>
<td>A03-2</td>
<td>Hazard identification, risk assessment, and incident investigation</td>
<td>Occupational Health and Safety Principle 1</td>
</tr>
<tr>
<td>A06-1</td>
<td>Average hours of training per year per employee</td>
<td>Training and communication Principle 6</td>
</tr>
<tr>
<td>A05-1</td>
<td>Diversity of governance bodies and employees</td>
<td>Board of Directors Employment and human capital management Principle 6</td>
</tr>
<tr>
<td>A04-1</td>
<td>Incidents of discrimination and corrective actions taken</td>
<td>No incidents have been identified Principle 6</td>
</tr>
<tr>
<td>A07-1</td>
<td>Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk</td>
<td>No operations and suppliers, in which the right to freedom of association and collective bargaining may be at risk, have been identified Principle 3</td>
</tr>
<tr>
<td>A08</td>
<td>Child Labour Forced or Compulsory Labour</td>
<td>These topics are not considered potential human rights issues for the Group because activities require high levels of education and specialisation. Nonetheless, we have established the necessary internal policies and controls to avoid these types of bad practices (see section Respect for human rights). Principle 4 Principle 5</td>
</tr>
<tr>
<td>A10</td>
<td>Security Practices</td>
<td>The topic does not apply to Applus because the Group does not outsource this type of service when developing its projects and services. Principle 1 Principle 2</td>
</tr>
<tr>
<td>A11-1</td>
<td>Incidents of violations making rights of indigenous peoples</td>
<td>Respect for human rights Principle 1 Principle 2</td>
</tr>
<tr>
<td>A12-2</td>
<td>Employee training on human rights policies or procedures</td>
<td>Business ethics and Compliance Principle 1 Principle 2</td>
</tr>
<tr>
<td>A13-1</td>
<td>Operations with local community engagement; impact assessments and development programs</td>
<td>The contribution of our services to development Principle 1</td>
</tr>
<tr>
<td>A14-1</td>
<td>New suppliers that were screened using social criteria</td>
<td>Our suppliers Principle 1 Principle 7 Principle 10</td>
</tr>
<tr>
<td>A15-1</td>
<td>Political contributions</td>
<td>The Applus Group explicitly fords monetary contributions to parties and/or political representatives. Principle 10</td>
</tr>
</tbody>
</table>

### CROSS-REFERENCES TABLE: SPANISH ACT 11/2018

<table>
<thead>
<tr>
<th>SPANISH LAW CONTENTS</th>
<th>GRI STANDARD</th>
<th>CSR REPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>General approach and its components</td>
<td>GRI 102-2 Activities, brands, products, and services GRI 102-4 Evaluation of the management approach GRI 102-6 Markets served GRI 102-7 Scale of the organisation</td>
<td>Environmental management approach Quality and excellence</td>
</tr>
<tr>
<td>Policies</td>
<td>GRI 103-3</td>
<td>GRI 103-4</td>
</tr>
<tr>
<td>Risk principles</td>
<td>GRI 103-5</td>
<td>GRI 103-6</td>
</tr>
<tr>
<td>General</td>
<td>GRI 103-7</td>
<td>GRI 103-8</td>
</tr>
<tr>
<td>Contamination</td>
<td>GRI 103-9</td>
<td>GRI 103-10</td>
</tr>
<tr>
<td>Sustainable use of resources</td>
<td>GRI 102-2 Activities, brands, products, and services GRI 302-3 Energy intensity</td>
<td>Energy and emissions Work, waste, and effluents</td>
</tr>
<tr>
<td>Climate change</td>
<td>GRI 302-7</td>
<td>GRI 302-8</td>
</tr>
<tr>
<td>Protection of biodiversity</td>
<td>GRI 103-9</td>
<td>GRI 103-10</td>
</tr>
</tbody>
</table>

### BUSINESS MODEL

- Description of the group's business model
- Applus at a glance
- CSR Report
<table>
<thead>
<tr>
<th>INFORMATION ON THE RESPECT OF HUMAN RIGHTS</th>
<th>INFORMATION RELATED TO COMBATING BRIBERY AND CORRUPTION</th>
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<tbody>
<tr>
<td>Policies</td>
<td>GRI 103-2 The management approach and its components</td>
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REPORT’S VERIFICATION STATEMENT

Applus Services, S.A. and Subsidiaries

Independent Limited Assurance Report

INDEPENDENT LIMITED ASSURANCE REPORT

To the Shareholders of Applus Services, S.A.,

In accordance with Article 49 of the Spanish Commercial Code, we have performed the verification, with a scope of limited assurance, of the 2019 Corporate Social Responsibility Report (CSR), which contains the Consolidated Non-Financial Information Statement (NFIS) for the year ended December 31, 2019 of Applus Services S.A. and subsidiaries (“Applus” or “the Group”), which forms part of the Consolidated Directors’ Report of Applus.

The CSR includes information, additional to that required by current Spanish corporate legislation relating to non-financial reporting and by the Global Reporting Initiative Standards for sustainability reporting in their Core option (“GRI standards”), that was not the subject matter of our verification. In this regard, our work was limited solely to the verification of the information identified in the “Cross references table: GRI and Global Compact” and in the “Cross references table: Spanish Act 1/2018 of the CSR”.

Responsibilities of the Directors

The preparation and content of the Applus CSR are the responsibility of the Board of Directors of Applus. The CSR was prepared in accordance with GRI standards in their core option. The NFIS included in the CSR was prepared in accordance with the content specified in current Spanish corporate legislation and with the criteria of the selected GRI standards, as well as other criteria described as indicated for each matter in the “Cross references table: Law 1/2018” in the CSR.

These responsibilities of the Board of Directors also include the design, implementation and maintenance of such internal control as is determined to be necessary to enable the CSR and the NFIS to be free from material misstatement, whether due to fraud or error.

The directors of Applus are also responsible for defining, implementing, adapting and maintaining the management systems from which the information necessary for the preparation of the CSR and the NFIS is obtained.

Our independence and quality control

We have complied with the independence and other ethical requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants (IESBA), which is based on the fundamental principles of integrity, objectivity, professional competence, due care, confidentiality and professional behavior.

Our Firm applies International Standard on Quality Control 1 (ISQC 1) and, accordingly, maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Our engagement team consisted of professionals who are experts in reviews of non-financial information and, specifically, in reporting on economic, social and environmental performance.
Our Responsibility

Our responsibility is to express our conclusions in an independent limited assurance report based on the work performed that refers exclusively to 2019. Information on prior years was not subject to the verification required by prevailing Spanish corporate legislation.

We conducted our review in accordance with the requirements established in International Standard on Assurance Engagements (ISAE) 2000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial Information, currently in force, issued by the International Auditing and Assurance Standards Board (IAASB) of the International Federation of Accountants (IFAC), and with the guidelines published by the Spanish Institute of Certified Public Accountants on attestation engagements on reporting non-financial information statements.

The procedures performed in a limited assurance engagements vary in terms of nature and timing, and are less in extent that for reasonable assurance engagements and, consequently, the level of assurance provided is also lower.

Our work consisted in requesting information from management and the various business units of Aplus that participated in the preparation of the CSR, which includes the NFES, reviewing the processes used to compile and validate the information presented in the CSR and carrying out the following analytical procedures and sample-based review tests:

- Meetings held with Aplus personnel to ascertain the business model, policies and management approaches applied, and the main risks relating to these matters, and to obtain the information required for the external verification.

- Analysis of the scope, materiality and completeness of the contents included in the CSR based on the materiality analysis carried out by Aplus and described in the "CSR performance" section of chapter 4 of the Corporate Social Report, also considering contents required by current Spanish corporate legislation.

- Analysis of the processes used to gather and validate the data presented in the 2019 CSR.

- Verification, by means of sample-based review tests, of the information relating to the contents identified in the "Cross references table: GRI and Global Compact" and the Table of "Equivalents with Law 11/2010 on non-financial reporting" in the CSR, and the appropriate compilation thereof based on the data furnished by Aplus information sources.

- Obtaining of a representation letter from the directors and management.

Conclusion

Based on the procedures performed and the evidence obtained, no matter has come to our attention that causes us to believe that:

A) The NFES included in the 2019 CSR of Aplus was not prepared, in all material respects, including the adequacy of the contents revised detailed in the "Cross references table: GRI and Global Compact", in accordance with GRI Standards in their current version.

B) Aplus NFES for the year ended 31 December 2019 was not prepared, in all material respects, in accordance with the content specified in current Spanish corporate legislation and with the criteria of the selected GRI Standards, as well as other criteria described as indicated for each matter in the "Cross references table: Law 11/2010" in the CSR.

Use and distribution

This report has been prepared as required by current Spanish corporate legislation and may not be suitable for any other purpose or jurisdiction.

DELOITTE S.L.

Ana Ferreres Barriés
21 February 2020