



**Applus** 

*Together*  
beyond  
standards

*for a more sustainable world*

**Technical Advisors and Owner's Engineering  
Specialists for the renewable sector**

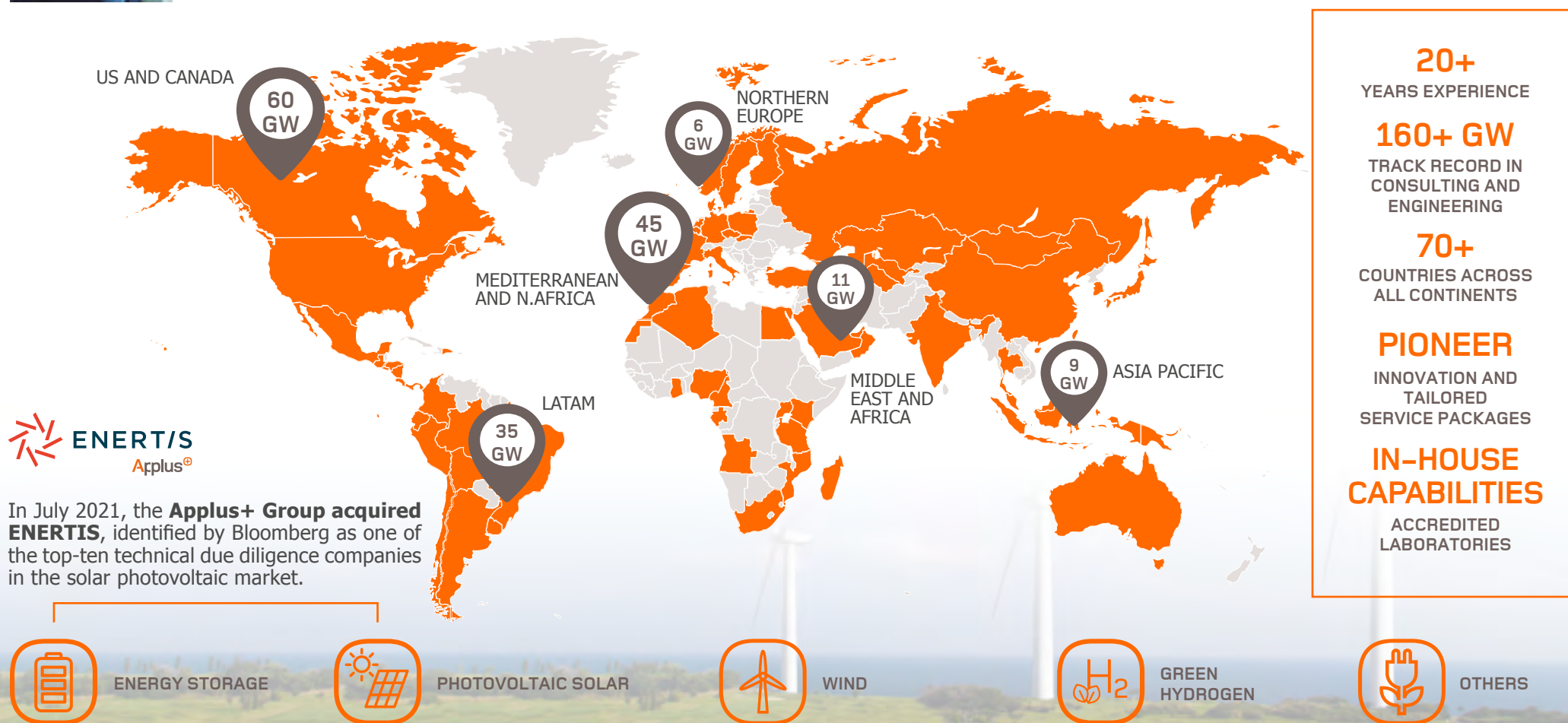
## RENEWABLE ENERGIES PROJECTS WORLDWIDE



“ Applus+ PLAYS A KEY ROLE TO REDUCE ENVIRONMENTAL IMPACTS BY SUPPORTING THE MAIN AND MOST PROMISING GREEN TECHNOLOGIES SUCH AS SOLAR, WIND, STORAGE AND GREEN HYDROGEN, AMONG OTHERS ”

Fernando Basabe, CEO of Applus+

With over 20 years in the renewable sector and more than 40 years of experience in the power market, Applus+ is positioned as a trusted partner globally and as one of the most recognised business groups in the TIC sector.



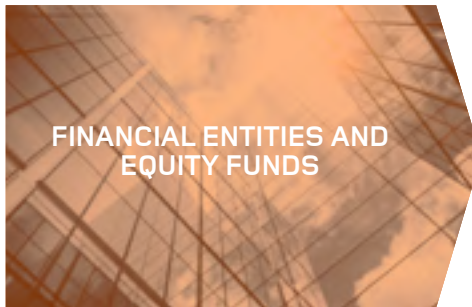
In July 2021, the Applus+ Group acquired ENERTIS, identified by Bloomberg as one of the top-ten technical due diligence companies in the solar photovoltaic market.

(figures until July 2021)

## A TRUSTED GLOBAL PARTNER

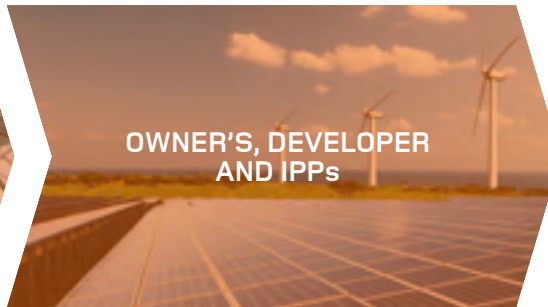
### RENEWABLE CLIENTS

#### TYPE OF CLIENTS



FINANCIAL ENTITIES AND  
EQUITY FUNDS

We serve 200+ clients in financial institutions and investment funds, providing **Technical Advisors**.



OWNER'S, DEVELOPER  
AND IPPs

We work for the main global utilities and developers across the globe, providing **Owner's Engineering**.



OEM

We are very close to the main technology suppliers of wind and solar, such as manufacturing and field-service providers.



EPC AND O&M

We are committed to our clients' success, always focused on risk management and maximum profitability through asset integrity assessments.



Applus+ has increased significantly its capacity in technical advisory and consulting services, among others, with ENERTIS acquisition in 2021

# A TRUSTED GLOBAL PARTNER

## SERVICE PORTFOLIO

We provide best-in-class services to our clients, protecting their interests by mitigating risks at all project phases, from feasibility and development to construction and operations, covering all required specialties. This expertise includes consulting and engineering to asset-integrity services, providing solutions for quality control, inspection, testing, environmental, and health and safety.

### PROJECT PHASES



Applus+ has increased significantly its capacity in technical advisory and consulting services, among others, with ENERTIS acquisition in 2021.

## Applus+ TECHNOLOGICAL SOLUTIONS AND DIGITAL TOOLS

### BEST-IN-CLASS TECHNOLOGIES FOR A GREENER WORLD

*Innovation at Applus+ is advancement with a purpose. Our engineers and technicians work closely with clients to devise new ways to make digital technologies and solutions work seamlessly.*

 **200+**  
projects

 **800+**  
people

 **300,000+**  
hours



#### DATA SCIENCE AND AI SOLUTIONS

- Risk analysis software: PHAWorks, exSILentia, and in-house developed risk-analysis software.
- Customised predictive models, dashboards, KPIs, geo-tagged data and visualisation reports.
- 3D and CAD design and modelling.
- Remote and virtual data-monitoring, analysis and reporting.



#### DIGITAL TWIN

- Virtual reality model using photogrammetry software capable of tracking the degradation of physical assets.
- Used to view scanned assets via a web browser.
- Custom-reporting that allows direct interfacing into a client's database.
- Allows the end-user to take informed decisions through the use of virtual models.



#### UAV-DRONE AERIAL INSPECTION

- UAV industrial inspection services at Applus+ are highly customised and scalable to meet our clients' specific demands.
- Drone asset inspections can provide critical inspection information in a fraction of the time and at a fraction of the cost of other remote-access methodologies, while removing most of the human risk factors.
- We develop in-house systems combining laser imaging detection and ranging (LiDAR) technology with drone-based inspections that produce high-resolution and interactive 3D models of assets.



#### REMOTE INSPECTION

- Flexible and cost effective alternative to conventional inspection methods.
- We are inventors of the CU24, a telescopic crane mounted with an HD camera, currently the quickest and safest tool for pipe rack inspections.
- Wide experience in remote inspection of all types of assets and facilities, from wind turbines to pipe racks, supporting structures, tanks or any hard-to- reach structure.

# Applus<sup>+</sup>

At Applus+, we are focused on improving our Environmental, Social and Governance (ESG) indicators. We are committed to the sectors of the future that allow us to move towards a more sustainable world. Our global and local vision, and our ability to operate internationally and adapt to the regulations of each country, can add a real value in the places where we operate.

These actions have attracted external recognition: an above-average score of "AA" from MSCI ESG Ratings, an above-average "B" rating from the CDP, a strong rating of 72/100 from Gaia and the inclusion of Applus+ within the FTSE4Good Index Series of Ibx.

@ info@applus.com

www applus.com