UNIVERGY SOLAR

CORPORATE PROFILE

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CHANGE TO RENEWABLES,
THE ENERGY FOR EVERYONE

WHO WE ARE

Univergy is a Spanish-Japanese company specialized in Renewable Energies, focused on the Development, Construction and Operation and Maintenance of Solar Photovoltaic, Wind and Hybrid Projects, including storage solutions and green hydrogen.

Founded in 2012 and with offices in Madrid and Tokyo, Univergy Solar pursues an integration of its value chain, starting from project development to becoming an independent power producer, according to its 2025 Strategic Plan developed together with McKinsey.

We have a significant international presence focused on the safest and most attractive geographies for renewable energies with our reference markets in the European and Latam regions.

WHAT WE BELIEVE

MISSION

We want to be part of and a driving force behind the change in the global energy model by promoting the intensive use of renewable energies in order to **decarbonise the economy and support the achievement of the Sustainable Development Goals.** To achieve this, we have set out to be leaders in the development of renewable energies by 2030 in our reference geographies.

VISION

At Univergy **we believe in a promising future**, a prosperous, just and sustainable future that we try to make a reality in our day-to-day work. That is why we strive to ensure that the creation of value, inherent to economic activity, has a positive impact on the environment and people.

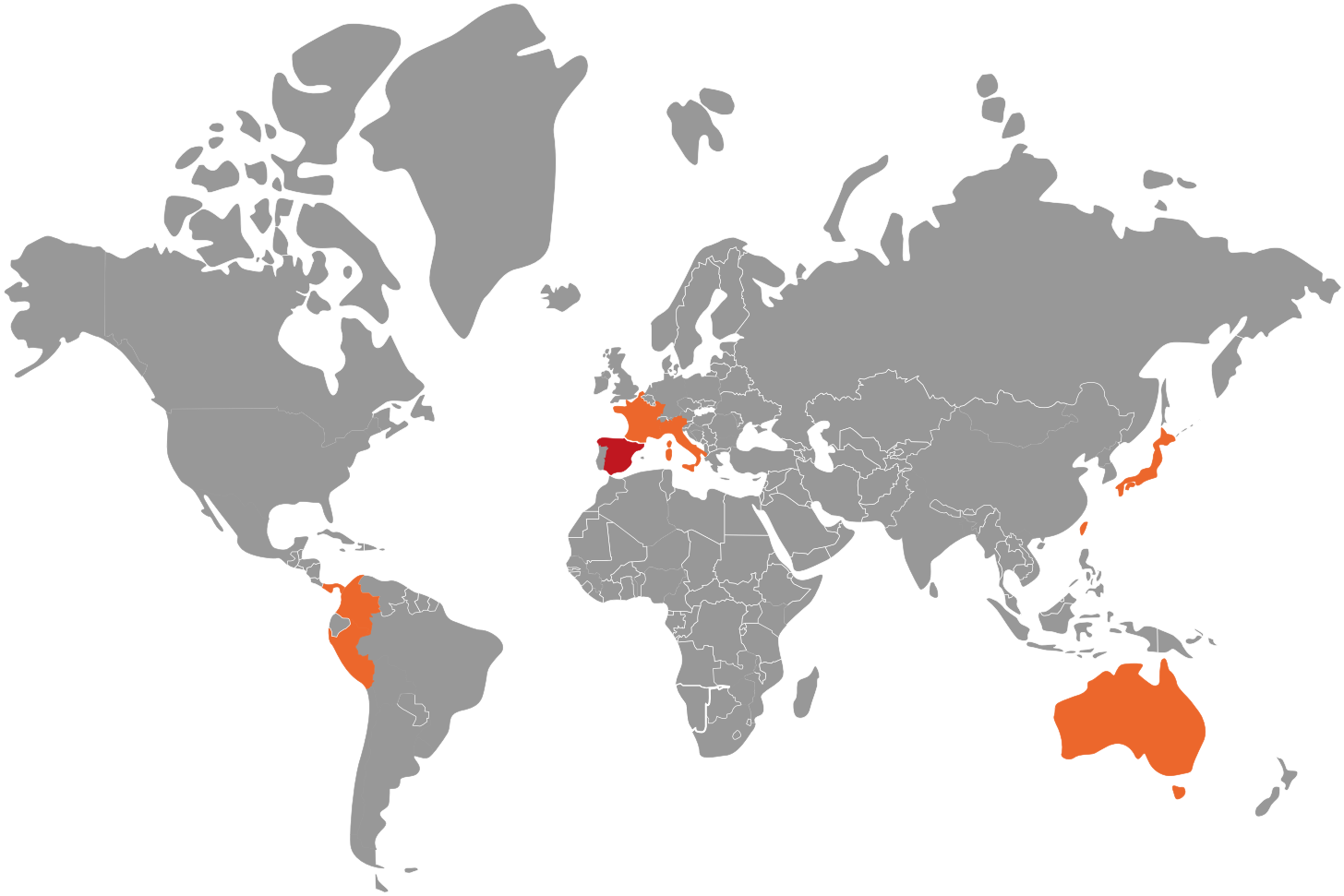
VALUES

- Sustainability
- Prosperity
- Innovation
- Quality
- Profitability
- Commitment
- Diversity

WHAT IS OUR PURPOSE?

Enabling the energy transition to build a build a promising future.

UNIVERGY IN THE WORLD



Developing portfolio

3.456,57 MW	625 MW	3.520,80 MW	1.550,30 MW	9.152,67 MW
Solar Energy	Wind Energy	Green Hydrogen	Battery Storage	Overall Total

OUR FOUNDATIONS

PIPELINE

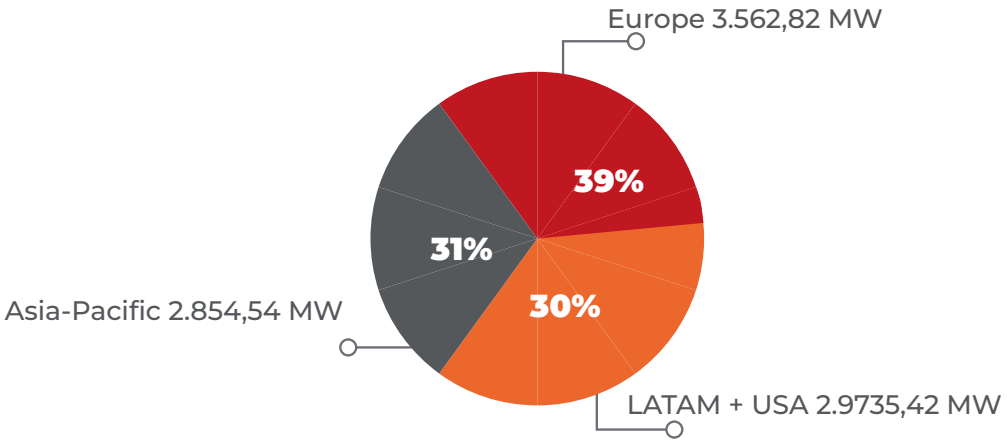
Univergy's pipeline has a volume of **10.6 GW** and consists of solar, wind and green hydrogen projects in various stages of development. Of this pipeline, **9.1 GW corresponds to projects managed directly by Univergy**.
The remaining **1.5 GW** are projects managed in collaboration with Macquarie Group, Kolya.

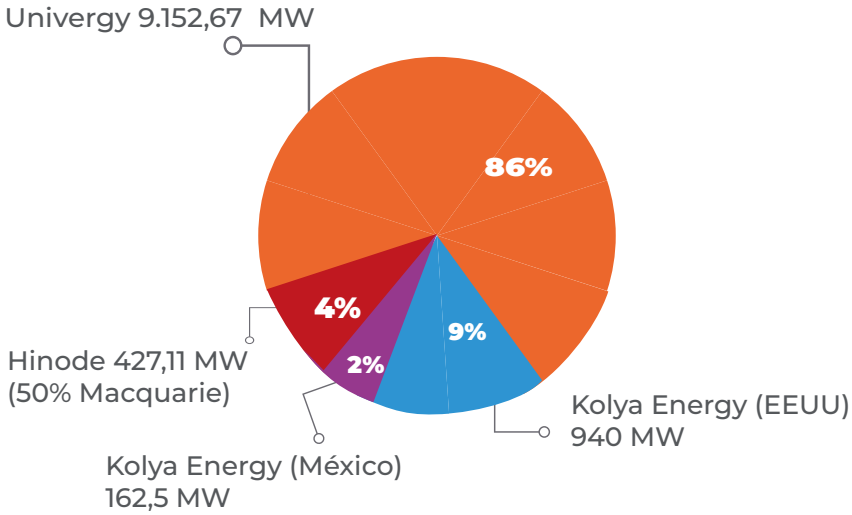
Our presence is focused on consolidated markets with high potential for the development of renewable energies.

85% of the MW in the pipeline are in countries ranked among the fifteen most attractive in the world to invest in renewable energies (RECAI 2022 index by EY).

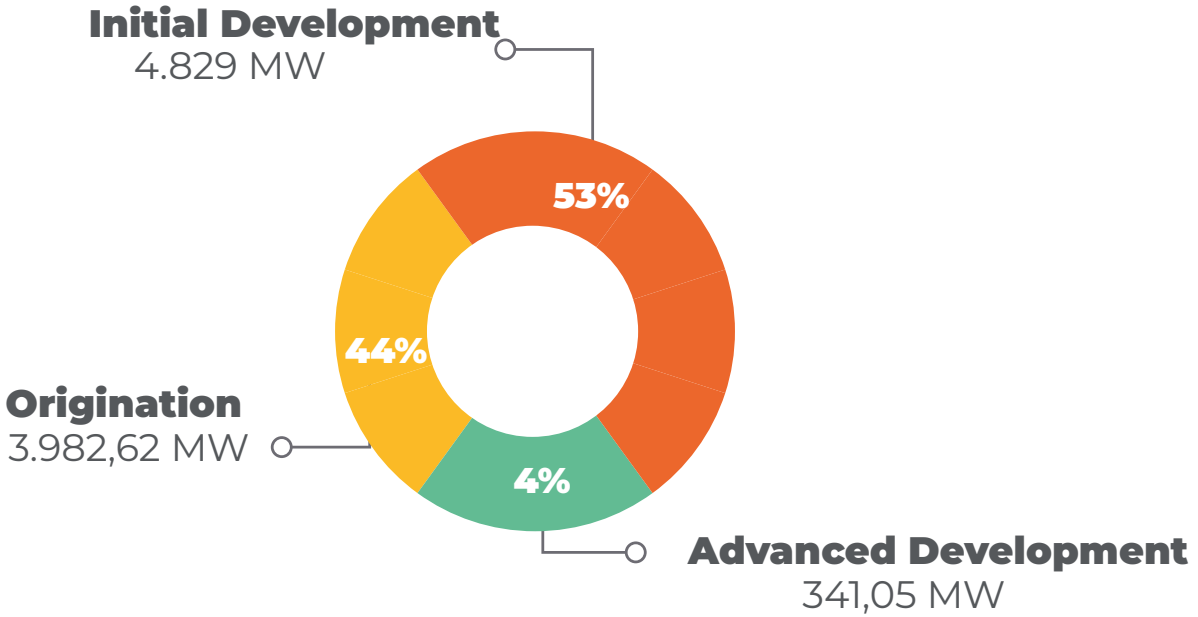
75% of the MW are located in countries whose sovereign debt is rated "Investment Grade" by Standard & Poor's, which supports the security of our investments.

Currently, our top three markets, **Japan** (8th position in the RECAI Ranking), **Spain** (9th position) and **Chile** (14th position) account for 61.8% of the MW in our pipeline.

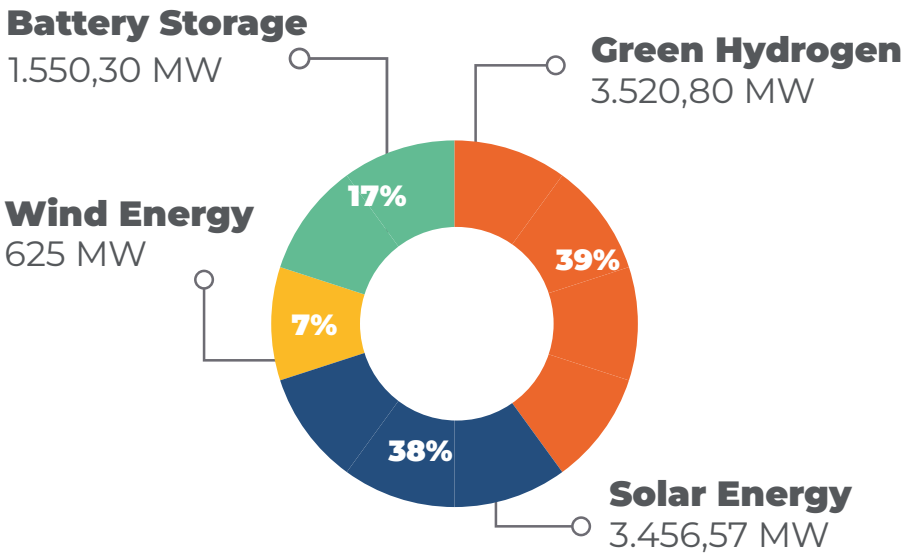




PIPELINE BY DEVELOPMENT STATUS



PIPELINE PER TECHNOLOGY



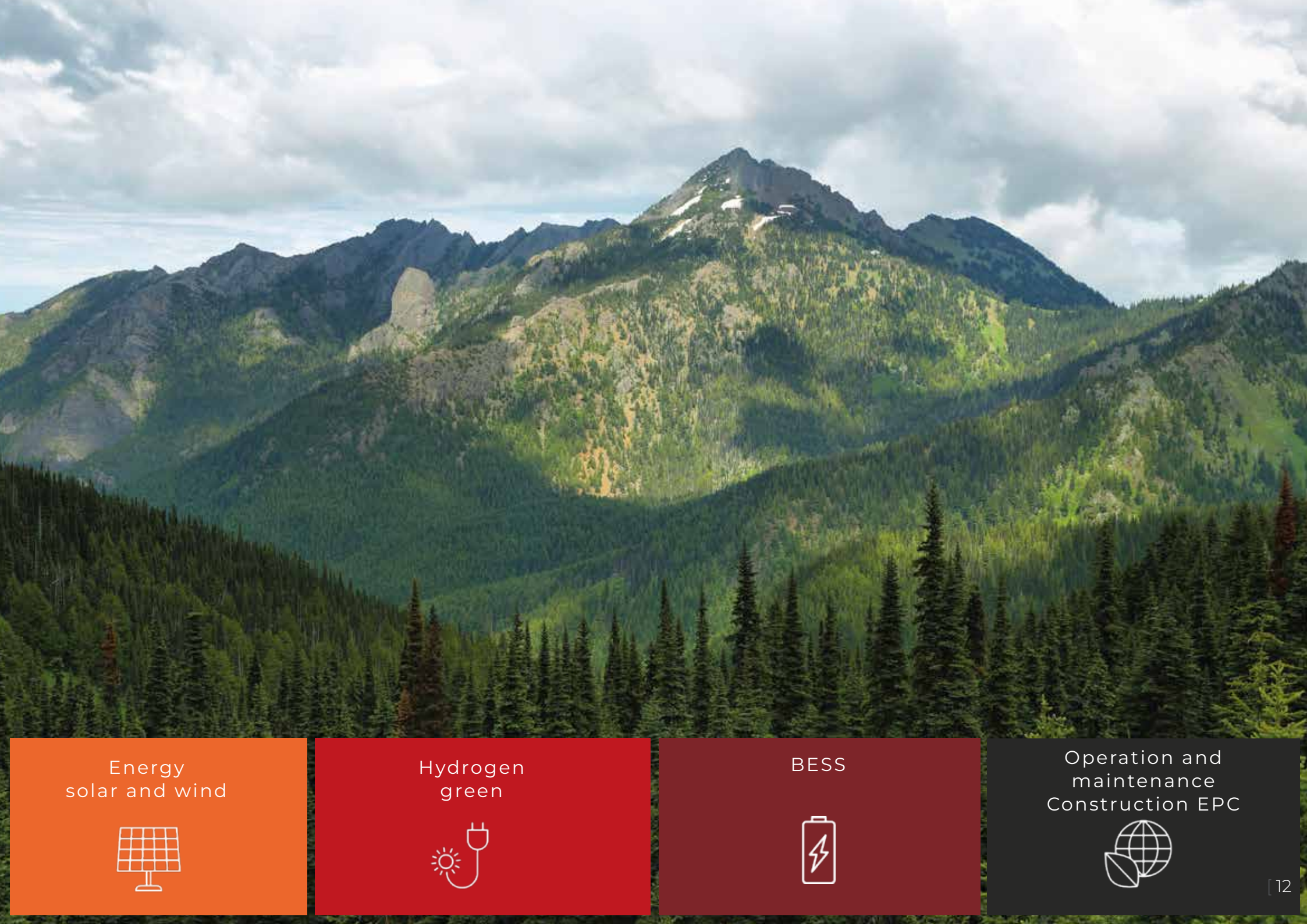












Energy
solar and wind

Hydrogen
green

BESS

Operation and
maintenance
Construction EPC

WHAT WE DO

SOLAR AND WIND ENERGY PROJECTS

We cover all stages of development (from opportunity identification to RTB) anywhere in the world

Quality and Efficiency

We carry out an exhaustive land analysis to minimise investment risks and optimise deadlines. Once the land and the interconnection are secured, we reach the construction stage more than 95% of the time.

Profitability

This study guarantees that more than 90% of the projects reach the expected profitability threshold. Furthermore, depending on the size of the plant and the technology, development times vary between 2 and 4 years.

PIPELINE SOLAR (MW)

COUNTRY	PIPELINE (MW)
Japan	514,6
Australia	120,00
Taiwan	29,93
Italy	64,81
Spain	1.744,1
Colombia	356,7
Panama	315,30
Peru	1.763,4
France	98,00
TOTAL	**5.006,9**

PIPELINE WIND(MW)

COUNTRY	PIPELINE (MW)
Spain	625,00

PIPELINE BESS (MW)

COUNTRY	PIPELINE (MW)
Spain	1.348,7
France	98

PIPELINE HYDROGEN GREEN(MW)

COUNTRY	PIPELINE (MW)
Spain	1.030,8
Australia	2.190
Chile	300

The development department is the area focused on **obtaining the permits, licenses and authorisations** that allow the construction, commissioning and operations of all types of renewable energy facilities, getting involved in the **entire life cycle of each project**: site selection, development engineering and permitting at every level, etc.

Thanks to an extensive knowledge of the development requirements of each of the countries in which the group is present, Univergy Development **is able to take on all phases up to Ready To Built (RTB) status**, which leads to the materialisation of the project.

The technical, economic, social and environmental feasibility of each project is determined during the development phase through a **feasibility analysis** in which we consult on soil, environmental impact and biodiversity.

PROJECT DEVELOPMENT

1 ENGINEERING SERVICES

2 PROJECT DEFINITION

3 PERMITTING & LICESING

4 FEASIBILITY STUDIES

EPC (ENGINEERING PROCUREMENT AND CONSTRUCTION)

Univergy also deploys its capabilities for the construction and commissioning of power plants by providing EPC services.

Our offer covers all stages of the process prior to the commercialisation of the **energy generated,** from engineering to commissioning, including procurement and construction.

With maximum flexibility and transparency, our professionals **take care of all the client's relations and procedures** with suppliers, the administration, construction companies and marketers.

100 MW

Under construction

280 MW

Delivered COD

as main contractor or subcontractor

OUR VALUE CHAIN

SALES
ENGINEERING
PROCUREMENT
CONSTRUCTION
COMMISSIONING

OPERATION AND MAINTENANCE (O&M)

ENGINEERING

Planning, schematics, calculations, preliminary studies, planimetry, civil, electrical and mechanical design and construction coordination.

ACQUISITION

Management of contracts and agreements with suppliers, seeking to optimise the terms of quality, quantity, cost, time and guarantee.

CONSTRUCTION

Management and administration of works under criteria of maximum quality, ensuring at all times the investment and the expectations of clients and partners.

IMPLEMENTATION

Installation and management of the installation, aiming to meet performance and cost-effectiveness expectations.

Univergy offers **maintenance and operation services** for renewable energy generation assets that enable plant optimisation.

From our Control and Monitoring Centre, we monitor and supervise the operation of the plants **24 hours a day, 365 days a year.**

Using **the latest technologies and data analysis methods**, we carry out predictive maintenance, anticipating possible incidents in order to maximise productivity and extend the useful life of the facilities.

We manage spare parts stocks and carry out customised preventive and corrective **maintenance based on geographical**, technical, economic and regulatory characteristics.

Our services ensure that plants become high-performance assets.

TYPES OF MAINTENANCE

PREVENTIVE MAINTENANCE

Detection of any incident that may generate a performance problem in the photovoltaic installation.

CORRECTIVE MAINTENANCE

In the event of a breakdown, Univergy will go to the plant when it is detected with the technical and material means to rectify the problem.

PREDICTIVE MAINTENANCE

Daily control through scale monitoring with the aim of detecting heating caused by depressions due to the normal operation of the plant or defects in the equipment.

OPERATION & CONTROL

From the control centre, all the plants are managed and controlled in real time and operated according to their needs. Preparation and issuance of monthly reports on production, status and incidents of each photovoltaic plant.

We develop, build, maintain and operate green hydrogen generation facilities associated with industrial, domestic or transportation consumption.

Green hydrogen is a versatile and non-polluting energy vector, from which we can obtain electrical or thermal energy without emitting CO2.

938 MW

Electrolyser capacity pipeline

1,5 GW

Solar and wind energy pipeline associated with green h2 production

Hydrogen also makes it possible to displace the use of industrial raw materials or **fossil energy** sources with renewable raw materials, its main source being water, opening up a new technological route for the **electrification of transport and sustainable mobility.**

In our project portfolio, electrolyser capacity already accounts for **7.2% of the total**, and the trend is upwards.

We have models that precisely establish the parameters that need to be in place for H2 generation plants located on any type of land to reach the desired break-even point.

2030 Goals

4 GW of installed power in electrolysers	5,000-7,000 light and heavy vehicles for freight FCEV
25% of hydrogen consumption in industry	2 commercial train lines with H2
100 - 150 publicly accessible hydrogen stations	25% of hydrogen consumption in industry
150 - 200 FCEV buses	4.6 Mton CO2eq reduced

BATTERIES - ENERGY STORAGE

A BESS (or Battery Energy Storage System) is an **energy storage system (ESS)** that captures energy from one or more sources to store it in rechargeable batteries for later discharge.

We develop, build, maintain and operate storage facilities with lithium-ion battery technology, thus supporting the deployment of renewable energies.

TECHNICAL/ECONOMIC STUDY:

We study the viability of the project and carry out a pre-design of the project in which the amortization and potential of the project is already visible.

PROJECT DEVELOPMENT:

Univergy Solar handles all phases of the project, from design and development to permitting and licensing.

SEARCH FOR FUNDING:

Intensive search for possible sources of financing until the necessary capital is obtained for the viable realization of the project.

CONSTRUCTION AND COMMISSIONING:

At Univergy Solar we take care of the construction of all phases: project, detailed engineering, final design and construction management.

SUPPORT & MAINTENANCE:

For a period of time, Univergy Solar takes care of any assistance or maintenance that the project requires.

STORAGE STRATEGY IN SPAIN

The minimum storage needs for Spain, derived from the objectives of the PNIEC 2021-2030 and the Long Term Decarbonisation Strategy (ELP) 2050, have been quantified in this Strategy, going from the 8.3 GW available today to a value of around 20 GW in 2030 and 30 GW in 2050 of total storage power available in those years. The draft PNIEC 2023-2030 would increase this availability in 2030 from 20 to 22 GW.

OBJECTIVES

According to the draft PNIEC 2023-2030, the renewable mix will rise to 81% in 2030 compared to 74% previously forecast, due to the increased integration of renewables into the electricity system, significant growth in self-consumption and the renewable contribution of hydrogen production to decarbonise other existing fossil fuel uses.

Univergy intends to develop BESS projects to assist the deployment of such renewable generation.

ADVANTAGES

Storage facilities are much more compact plants, thus having a much lower environmental impact than generation technologies.

This makes it possible to integrate this technology in areas with limitations for RES integration.

In our Environment portfolio we propose ecological solutions for high consumption products, committed to **caring for the environment**, in a constant search for guarantees that improve the efficiency of recycling and reuse processes.

With its efforts focused on the creation of **sustainable, ecological, safe and efficient products**, this department proposes intelligent alternatives to reduce the ecological footprint and the environmental impact derived from bad production and consumption habits worldwide.

The **Univergy R&D** department researches and proposes new engineering techniques and processes with the aim of improving the production of clean energy, the manufacture of sustainable ecological products and increasing the efficiency of the services and products of the business group.

Research provides a constant expansion of the knowledge and experience of the Univergy team, **enabling the implementation of new solutions and applications** for the most diverse projects, overcoming the challenges imposed by innovation.

PEOPLE AND ORGANISATION

Univergy's success is based on a solid project portfolio, a team of specialised professionals with extensive experience, an agile organisation focused on quality and a strong commitment to all stakeholders.

In addition, Univergy has its own Integrated Management System based on UNE EN ISO standards, which allows processes to be controlled and evaluated.

- **UNE EN ISO 9001:2015** for the supervision and continuous management of quality.
- **UNE EN ISO 14001:2015** to make our environmental policy commitments a reality.
- **UNE EN ISO 45001:2018** to control occupational and employee health risks.

Univergy is a company full of opportunities with teams that share the same passion: to build a more prosperous and **sustainable future**.

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SOLAR