ENERGY COMPACTS

COORDINATED BY United Nations | UN ENERGY

SUPPORTED BY SUSTAINABLE ENERGY FOR ALL

CASE STUDY

acciona energía

ACCIONA ENERGÍA'S DECADE OF ACTION FOR SDG7 AND A NET-ZERO FUTURE

Image: Picture of El Romero PV plant, in Chile.

ACCIONA Energía operates exclusively in renewable energy, with a global portfolio spanning onshore wind, solar PV, and battery storage. Through its UN Energy Compact, the company has committed to scale renewable generation capacity, expand access to clean energy, and contribute to the decarbonization of energy systems in the countries where it operates.

Making progress against their commitments, ACCIONA Energía has expanded its installed renewable capacity by more than 4 GW — from 11,245 MW to 15,354 MW by the end of 2024. In that year alone, its 100% renewable generation (26,708 GWh) avoided over 14 million tons of CO_2 emissions, contributing to the decarbonization of energy mixes across its markets.

IMPACT AT A GLANCE

- 100% renewable generation activity in 19 countries, with 15.35 GW of installed capacity (+1.8 GW vs. 2023)
- 26,708 GWh of renewable electricity generation (+1,814 GWh vs. 2023), avoiding 14.3 million tons of CO2 eq.
- Energy services provided to >6,000 customers in Spain, France, and Mexico = > 1,000 GWh of consumption and > 50,000 lighting points managed
- +1,300 electric charging points directly owned by the company (+300 vs 2023) and +4,000 available through our network.
- Acciona.org, ACCIONA Group's Foundation provided access to affordable, modern and sustainable energy to 159,795 people without connection to such services in 8 countries. In addition to the equipment and initial installation, technical assistance is provided to ensure continuity of service: maintenance, spare parts, and more, in exchange for an affordable fee for beneficiaries.

Image: Example of a household solar system installed by acciona.org in a remote area of Oaxaca, Mexico, without connection to the grid.

AUSTRALIA | MACINTYRE WINDFARM

The MacIntyre Wind Farm, located in the Southern Downs, Queensland, consists of 162 state-of-the-art Nordex Delta4000 turbines, each with a capacity of 5.7 MW, for a total of 923 MW. Already partially under operation, once fully completed in late 2025, this will be the largest wind farm in the southern hemisphere.

In terms of its contribution to the SDG7, the plant will produce clean electricity equivalent to the consumption of 700,000 Australian households. The plant will be preventing the emission of more than 3 million tons of CO2 annually as a result of its renewable contribution to the local mix.

Image: Picture of the part of the MacIntyre Windfarm already under operation.

Beyond emissions reduction, the project demonstrates how large-scale renewable infrastructure can be designed to maximize socio-economic impact:

- **EMPLOYMENT:** 650 construction jobs and 14 permanent positions, with clear targets for apprenticeships (15%), local workers (10%), and Indigenous participation (2%).
- **LOCAL ECONOMIC DEVELOPMENT:** USD 500 million in contracts awarded to local businesses, including First Nations enterprises.
- **COMMUNITY ENGAGEMENT:** Structured dialogue through meetings, newsletters, and consultation, alongside a commitment of at least USD 2.5 million in financial contributions to local community initiatives over the project's first decade.
- **SUSTAINABLE PRACTICES:** Piloting the use of low-carbon fuels (hydrotreated vegetable oil) during construction to reduce the project's own footprint.

SPAIN | BOLARQUE PHOTOVOLTAIC PLANT

The Bolarque Photovoltaic Plant, located in the municipality of Villalba del Rey (Cuenca, Spain), began construction in November 2021 and became operational in December 2023. The project consists of more than 92,568 modules of 540 watts each (for a total of 50MW). Its contribution extends to:

- **CLEAN ELECTRICITY:** the plant is producing an average of 94,700 MWh per year of clean electricity, equivalent to the consumption of 24,000 Spanish households.
- **CLIMATE BENEFITS:** Avoiding more than 44,000 tons of CO_2 emissions per year.
- **EMPLOYMENT:** Around 140 construction jobs and five permanent roles.
- **COMMUNITY INVESTMENT:** Direct support to the local olive oil cooperative, which, after 60 years of existence, achieved production of extra virgin olive oil for the first time with technical assistance. This demonstrates how renewable projects can also foster long-term local economic resilience.

Image: Picture of the Bolarque PV Plant in production phase.

FUTURE GOALS & IMPLEMENTATION PATHWAYS

ACCIONA Energía's future strategy is centered on maintaining its exclusive focus on renewable energy, with investment priorities in onshore wind, solar PV, and stand-alone battery storage. Expansion will continue in markets with regulatory stability and high growth potential, with Spain, Australia, and the United States playing a central role. Following a period of rapid growth in 2023 and 2024 that brought total installed capacity to 15.4 GW, the company is shifting towards a more flexible and dynamic approach to development. Instead of pursuing fixed capacity targets, growth will be guided by the quality and characteristics of opportunities in the pipeline, ensuring steady and sustainable expansion. Alongside generation, the company plans to strengthen its end-user decarbonization services and reinforce its portfolio of solutions for clients, while continuing to embed sustainability in its operations by contributing to the socio-economic development of local communities where it invests and operates.

ACCIONA Energía will continue to participate actively in global industry platforms such as IRENA and WindEurope, and align its actions with international objectives, including the UAE Consensus from COP28 on tripling renewables and doubling energy efficiency by 2030. In 2025, it will carry out an asset rotation process to rebalance capacity across geographies and maintain adequate financial resilience for future growth. At the same time, the company is strengthening its Energy Services division by consolidating demand-side solutions under one management structure and scaling up investment in electric mobility charging, distributed generation, energy efficiency, and green hydrogen. Finally, ACCIONA Energía is advancing its methodology for Social Impact Management, ensuring that continuous dialogue and collaboration with local communities remains central to project development and that the benefits of renewable investments are widely shared.

Image: Picture of a community meeting held at a local school.