Powering the future of sustainability

ACWA Power is a developer, investor, co-owner and operator of an international portfolio of electricity-generation and water desalination plants, with a presence in 10 countries in the Middle East and North Africa, Southern Africa, Europe and South East Asia regions.

Water and power supply is an essential foundation for social development and economic growth. ACWA Power strives to provide these crucial utilities efficiently, reliably and safely, at a very low cost, with a commitment to communities in the long run.

ACWA Power aims to be a sustainability leader within its industry by actively supporting local community development, accelerating the advancement of clean power generation, and contributing to local and global sustainability initiatives.

ACWA Power’s sustainability framework underpins the company’s objectives at every point. As a key strategic objective, sustainability lies on the heart of all the operations and sits atop everyone’s agenda within the organisation.
Sustainability roadmap

The sustainability roadmap of ACWA Power comprises of three key pillars: social, economic and environmental well-being – all instilled into the very essence of the organisation.

The company is creating a virtuous equation in working towards improving the environmental performance of its assets through the adoption and implementation of projects in line with global sustainability initiatives and commitments.

Among ACWA Power’s projects is the DEWA CSP 700 MW 4th phase of the Mohamed bin Rashid Solar Park, the largest single-site Concentrated Solar Power (CSP) project of its kind in the world.

This project will provide clean energy to over 270,000 residences in Dubai, reduce 1.4 million tonnes of carbon emissions a year, and contribute to achieving Dubai Clean Energy Strategy 2050 to transform Dubai into a global hub for clean energy and green economy.
Sustainability through technology

ACWA Power’s 50 MW Bokpoort CSP power plant in South Africa, is another project at the forefront of the company’s sustainability efforts. The plant is equipped with the largest thermal storage ever adopted and is among the most efficient solar plants in the world, making it an integral part of South Africa’s Renewable Energy IPP Procurement programme (REIPPPP). The project is also generating internationally recognised electricity attribute tracking certificates (I-RECs), and is in the process of creating sustainability attributes under the W+ standard.

ACWA Power was also the first utility-scale solar power developer to adopt SolarCoin, an asset-backed cryptocurrency that rewards solar power generation.

By incentivising the development of solar power, the solar energy-benchmarked cryptocurrency has the potential to reduce carbon emissions in energy generation and therefore have a direct impact on energy policy and environmental sustainability.

As a means of documenting its progress towards its goals, ACWA Power has recently released its 2017 Sustainability Report. This year’s edition has been produced using leading global sustainability standards and frameworks, including: Global Reporting Initiative (GRI) Standards, UN Sustainable Development Goals (SDGs), Taskforce for Climate-related Financial Disclosures (TCFD), and Sustainability Accounting Standards Board (SASB). It demonstrates ACWA Power’s accomplishments in implementing sustainable practices.