



Morocco

## Strengthening the Quality Infrastructure for Renewable Energies and Green Hydrogen

**Objective** The aim of this project is to support Morocco's energy transition by strategically strengthening and improving the quality of infrastructure services in the photovoltaic sector and along the green hydrogen value chain.

**Approach** Renewable energies play a central role in implementing Morocco's national climate and energy targets and advancing its sustainable energy transition. To accelerate this process and meet growing energy demand, developing quality infrastructure has become a strategic priority. The project aims to support this initiative by consolidating essential national quality infrastructure services, which are key pillars for the expansion of the photovoltaic sector and the production and use of green hydrogen.

For the photovoltaic sector, this entails improving the quality and sustainability of photovoltaic modules available on the market, increasing consumer confidence, and stimulating additional investment. To ensure that the future production and use of green hydrogen are safe and sustainable, the project is developing a roadmap to strengthen Morocco's quality infrastructure for the anticipated ramp-up of hydrogen.

**Impact** The project supports quality infrastructure stakeholders in providing new and consolidated services to the photovoltaic sector. This includes the adoption of relevant international standards, the further development of conformity assessment procedures for market surveillance and import control, and the inspection of photovoltaic systems.

The results of the roadmap for strengthening Morocco's quality infrastructure for increased hydrogen production and use will serve as a strategic basis for the sector's political decision-makers and stakeholders to promote green hydrogen in a targeted way, while ensuring safety and efficiency along the entire value chain.

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