

What is the Tunisian Solar Plan?

The Tunisian Solar Plan contains 40 projects aimed at promoting solar thermal and photovoltaic energies, wind energy, as well as energy efficiency measures. The plan also incorporates the ELMED project; a 400KV submarine cable interconnecting Tunisia and Italy.

Is Tunisia achieving a 30% renewable electricity production target?

The country has established a target of 30% renewable electricity production by 2030 in the Tunisian Solar Plan, first published in 2009 and revised in 2012. To enable renewable energy development, the Tunisian government passed Law No. 12 on renewable electricity production in 2015.

Where is the first large scale solar power plant in Tunisia?

The first large scale solar power plant of a 10MW capacity, co-financed by KfW and NIF (Neighbourhood Investment Facility) and implemented by STEG, is in Tozeur. TuNur CSP project is Tunisia's most ambitious renewable energy project yet.

Is Tunisia a sustainable country?

Tunisia has an abundance of solar and wind resources, providing sustainable and cost-competitive options to meet growing energy demand. The country has established a target of 30% renewable electricity production by 2030 in the Tunisian Solar Plan, first published in 2009 and revised in 2012.

How much money is needed to implement the Tunisian Solar Program?

The total investment required to implement the Tunisian Solar Program plan have been estimated at \$2.5 billion, including \$175 million from the National Fund, \$530 million from the public sector, \$1,660 million from private sector funds, and \$24 million from international cooperation.

What is the Tunisian Solar Plan (TSP)?

The Tunisian Government is successfully implementing the Tunisian Solar Plan (TSP), developing renewable energy on a large scale and complying with the agreed climate protection contributions. The project provides policy advice with the support of national and international technical, financial and legal experts.

In 2015 the state paid energy subsidies of more than 150 billion euros, resulting in a considerable burden on the budget. At the same time, given the steadily falling prices of photovoltaic (PV) systems, there is now an environmentally friendly and economical alternative for generating electricity.

Tunisia's PPAs fall into two groups: a) the authorisation regime, covering projects below 10 megawatts (MW) for solar and 30 MW for wind, awarded through simple tenders; and b) the concession regime, covering projects over 10 MW for solar and over 30 MW for wind, awarded via competitive concessions.

Nonetheless, Tunisia has abundant solar and wind energy resources, with an estimated production potential of 320 gigawatts (GW) compared to the current peak national demand of approximately 5 GW. This vast potential would also allow to production and export of green hydrogen.

We are proud to present our second edition of findings on solar investment opportunities in Tunisia. This report highlights Tunisia's enormous photovoltaic potential while reflecting Tunisian political and economic developments.

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Beyond environmental benefits, the pursuit of solar energy is intrinsically linked to Tunisia's goal of reducing reliance on imported fossil fuels, thereby enhancing energy security and diversification while mitigating vulnerability to global energy price fluctuations.

The Kairouan Solar Project, Tunisia's first large-scale solar initiative, significantly boosts the country's renewable energy capacity by providing 100 MW of solar power to the national grid. This initiative, part of Tunisia's broader goal to generate 35% of its electricity from renewables by 2030, directly supports the transition to ...

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The applications of solar energy in Tunisia are diverse. Solar PV systems are increasingly installed in residential, commercial, and industrial settings to generate electricity. Large-scale solar farms, such as the Tozeur photovoltaic plant, feed into the national grid, enhancing energy availability[10]. Solar water heating

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