

# Renewable Alternative to Solar Energy France





## Overview

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Under its commitment to the *of 2009*, France has a target of producing 23% of its total energy needs from renewable energy by 2020. This figure breaks down to renewable energy providing 33% of energy used in the heating and cooling sector, 27% of the electricity sector and 10.5% in the transport sector. By the end of 2014, 14.3% of France's total energy requirements came from renewable energy, a rise from 9.6% in 2005.



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### Renewable energy in France , CMS Expert Guides

Wind and solar power thus contribute to balancing electricity supply and demand, including at times of peak consumption. In November 2023, the government launched a public consultation on a document outlining the key directions of France's energy policy: the French Strategy for Energy and Climate (SFEC).

### Mapping Europe renewable energy landscape: Insights into solar, ...

France, despite its heavy reliance on nuclear power, has been expanding its renewable capacity, particularly in wind and solar energy. The country aims to reduce the share of nuclear energy in its electricity mix to 50% by 2035, down from over 70% currently [ 50, 51 ].

### Highvoltage Battery



### Doubling the share of renewable energies by 2030

Biomass, geothermal and marine energies, recovered energy, etc.: alongside mature technologies such as hydro, wind and solar energy, other renewable energies are developing, covering the full range of possible solutions to meet the goal of becoming carbon neutral by 2050.

### Investing in decarbonisation infrastructure in France

-The deployment of all renewable energy sectors



(solar power, onshore and offshore wind power, and hydropower) to achieve a generation capacity of approximately 118 GW in 2030 and 140 GW to 175 GW in 2035. This calls for unprecedented levels of renewable energy auctions reviewed to ensure that they are fully compatible with



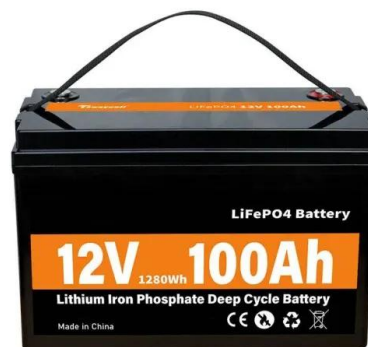
### France Adopts New Renewable Energy Bill

In a bid to lower fossil fuel dependence, France is pursuing a dual track strategy by pushing renewable and nuclear energy (the latter representing 69% of the French energy mix). The French Government announced its ambition to achieve by 2050 a tenfold expansion in solar energy output to exceed 100GW and to roll out fifty new offshore windfarms

### Renewable energy in France

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Under its commitment to the EU renewable energy directive of 2009, France has a target of producing 23% of its total energy needs from renewable energy by 2020. This figure breaks down to renewable energy providing 33% of energy used in the heating and cooling sector, 27% of the electricity sector and 10.5% in the transport sector. By the end of 2014, 14.3% of France's total energy requirements came from renewable energy, a rise from 9.6% in 2005.



### Renewable energy overview

France aims to boost the share of renewable



energy to at least 33% of total energy consumption and 40% of electricity production by 2030 and these targets are set out by law. The government set out specific near-term targets under the 10-year energy investment plans (programmation pluriannuelle de l'énergie or PPE) enacted in 2020.

### Energy transition: new obligations on the integration of ...

The French law relating to the acceleration of the production of renewable energies (loi relative à l'accélération de la production d'énergies renouvelables) dated 10 March 2023 also known as the "APER Law", supplements the French Climate and Resilience Act (loi portant lutte contre le dérèglement climatique et renforcement de la

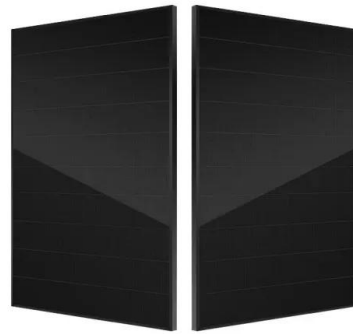


### Sungen: A bright future for renewables in France

Sungen is more than just a solar project--it's a bold vision for the future of energy in France. Spearheaded and funded by Octopus Energy Generation, Sungen is all about making renewable energy more accessible. We've started by funding the construction of over 100 rooftop solar systems across France.

### Renewable energy in France

France has an overall target of producing 23% of its total energy needs from renewable energy by 2020, encompassing 33% in the heating and cooling sector, 27% in the electricity sector and 10.5% in the transport sector.



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