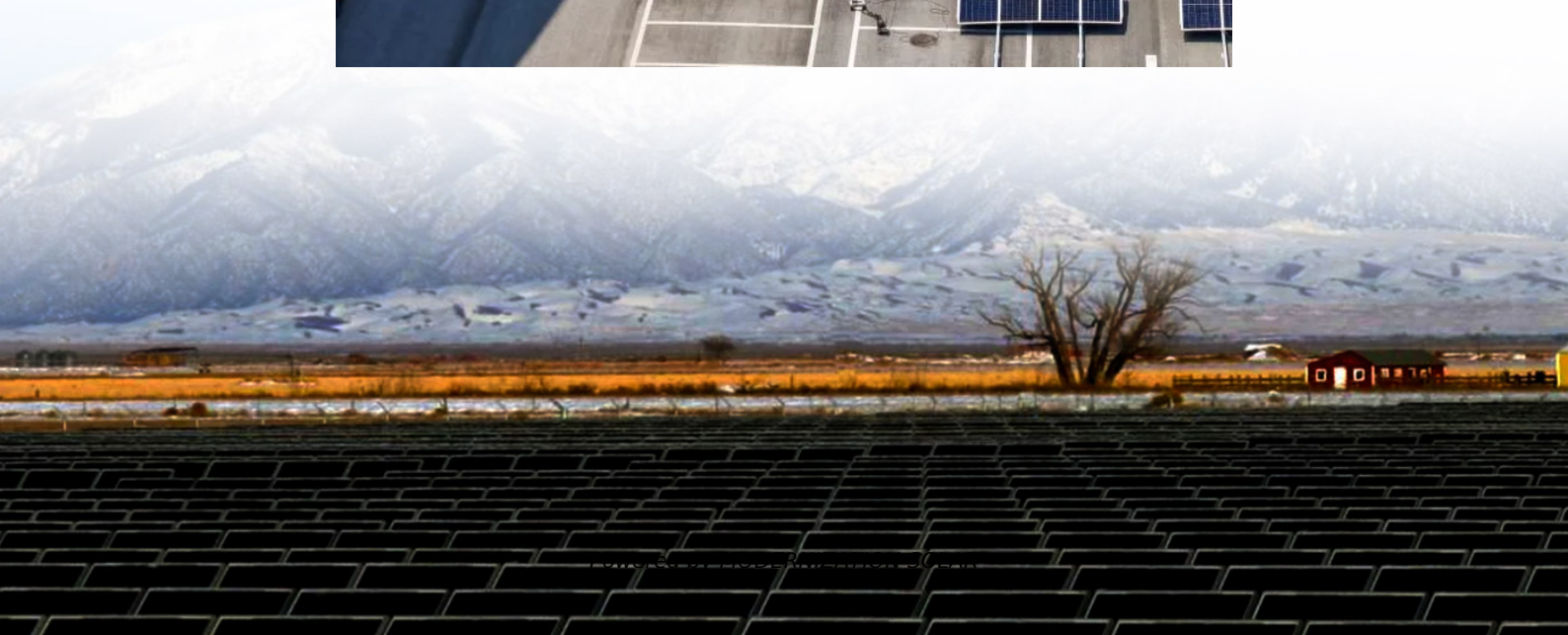
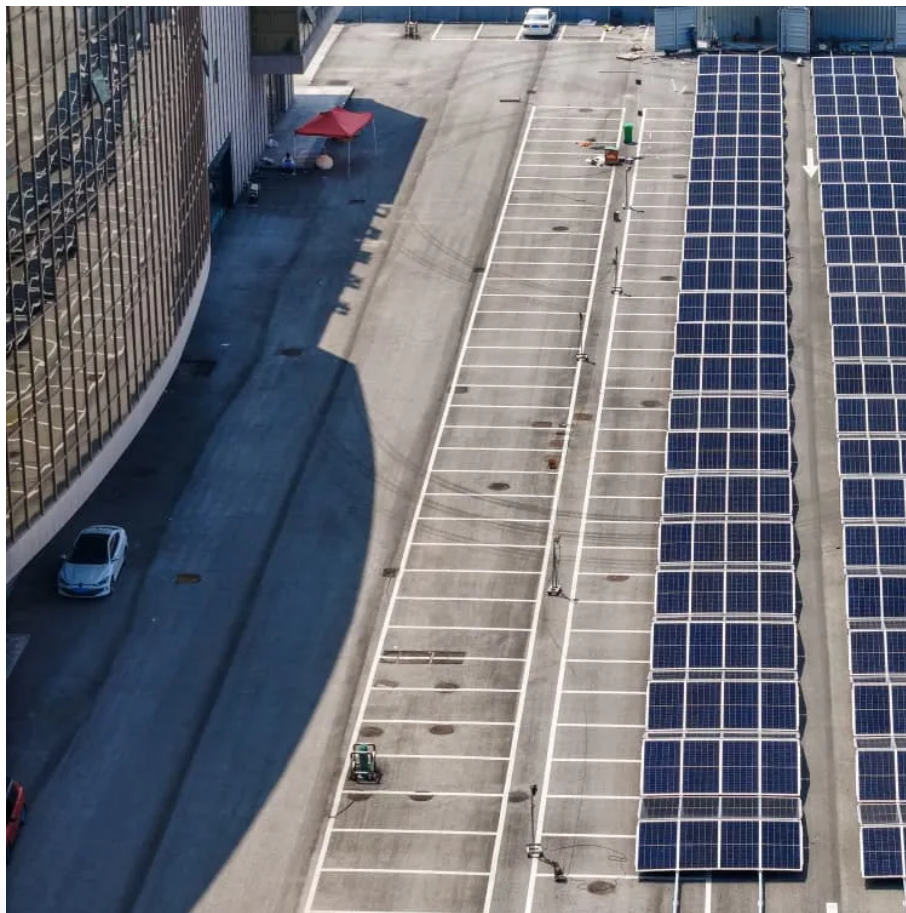


Luxembourg Wind Solar and Storage Section





Overview

How will Luxembourg contribute to energy independence?

Luxembourg is already participating in cross-border renewable energy projects and is committed to expanding its role in collaborative projects such as those related to offshore wind energy in the North Sea and hydrogen corridors, to contribute to the EU's goal of energy independence.

Will Luxembourg expand offshore wind power capacity by 2030?

Within wind power initiatives, Luxembourg is collaborating on cross-border projects in the North Sea to expand offshore wind power capacity to 120 GW by 2030. within wind power initiatives, Luxembourg is collaborating on cross-border projects in the North Sea to expand offshore wind power capacity to 120 GW by 2030.

Should Luxembourg invest in solar and nuclear energy?

Luxembourg, echoing these models, could greatly benefit from increasing solar and nuclear energy production. By investing in infrastructure that supports solar and nuclear energy, Luxembourg could enhance its electricity independence, while concurrently supporting global climate objectives through reduced carbon emissions.

What projects does Luxembourg participate in?

Luxembourg participates in projects financed by the EU Innovation Fund, which supports innovative industrial initiatives. For example, projects related to energy storage, recycling and carbon capture and storage (CCUS) are being developed to reduce emissions in energy-intensive industries.



Luxembourg Wind Solar and Storage Section

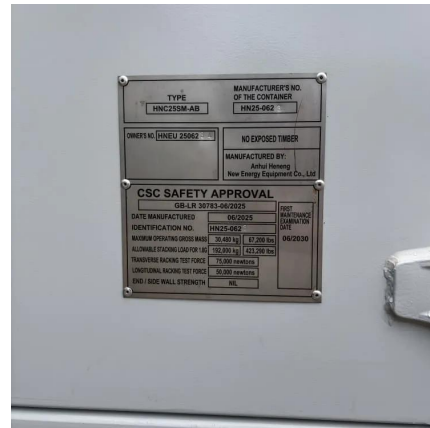


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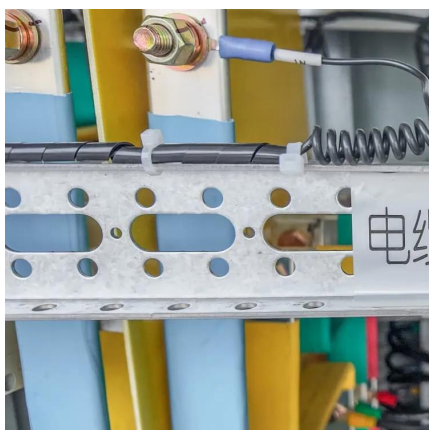
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ENERGY PROFILE Luxembourg

Distribution of solar potential
Distribution of wind potential
Annual generation per unit of installed PV capacity (MWh/kWp)
Wind power density at 100m height (W/m²)



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