

Iraq greenlights a \$68 million solar power initiative to equip 500 ministries and government offices with solar systems, part of a UN-backed effort to transition to renewable energy and reduce emissions.

The atlas includes over 2000 renewable energy maps, covering solar, wind, bioenergy, geothermal and marine energy. It can be used from mapping energy potential to performing advanced renewable energy-site prospecting.

Iraq has one of the highest solar irradiation levels in the world, according to a study conducted by the trade association of the German solar energy industry on behalf of GIZ in 2023. The country's abundant sunlight provides the basis for solar energy production. This would help meet the country's growing energy needs, especially

Iraq is tapping into solar power to resolve chronic electricity shortages and access clean energy. With over 70 buildings solarized since 2020, Iraq is leading the way in renewable energy and offering \$750 million in zero-interest loans to further its cause.

Iraq is planning to build solar plants and its first green hydrogen project as part of a strategy to tackle power shortages and reduce its carbon footprint. The country's cabinet has approved a proposal to install 12 gigawatts (GW) of solar power by 2030, said a National Investment Commission representative, Rahim Al Jaafari.

agreement on the implementation of "Catalyzing the use of solar photovoltaic energy in Iraq". The UNDP was helping Iraq's Ministry of Electricity to deploy utility scale solar plants, as well as 5 MW of residential PV.

Baghdad (IraqiNews) - The Iraqi Ministry of Electricity revealed on Monday that it is planning to install solar panels on the roofs of government buildings to generate electricity.

By embracing solar energy, Iraq can significantly enhance its energy security. The persistent challenges of electricity shortages and an unstable power grid can be mitigated through the consistent and reliable generation of clean electricity from solar systems.

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The Iraqi Ministry of Electricity has been aiming at increasing the share of renewable energy in Iraq but was faced with several challenges including the contractual process for utility scale solar energy. The OSC are a



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potential solution that could be tailored to the Iraqi context.

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