

# Photovoltaic panels in rural areas on the mountain

Can solar photovoltaic projects help alleviate poverty in rural areas?

Nature Communications 11, Article number: 1969 (2020) Cite this article Since 2013, China has implemented a large-scale initiative to systematically deploy solar photovoltaic (PV) projects to alleviate poverty in rural areas.

How can we support solar power projects in rural areas?

Non-profit organizations and international aid agencies can offer donor funding to support solar power projects in rural areas. Microfinance, through offering micro-loans specifically for solar power installations, can enable rural residents to access funding for solar systems.

How can a rural community benefit from solar power?

Policy and government support for solar power in rural areas is vital to encourage the adoption of renewable energy sources and enhance rural resilience. Financial incentives, tax credits, and grants are effective measures that can incentivize individuals and businesses in rural communities to invest in solar power systems.

Can microfinance help rural residents access funding for solar power?

Microfinance, through offering micro-loans specifically for solar power installations, can enable rural residents to access funding for solar systems. In a similar vein, an inspiring success story from India showcases how limited financial resources were successfully addressed.

How do communities benefit from solar energy?

They provide real-life examples of how communities have benefitted from adopting solar energy. For instance, a case study in a remote village in Africa presented how the installation of solar panels facilitated access to electricity, thereby improving education and healthcare services.

Why is solar tree-based forest-photovoltaic more expensive than agricultural photovoltaics?

Solar tree-based forest-photovoltaic has a higher installation cost than agricultural photovoltaics since it has scattered distribution over a large area, although forest landscape can be preserved.



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