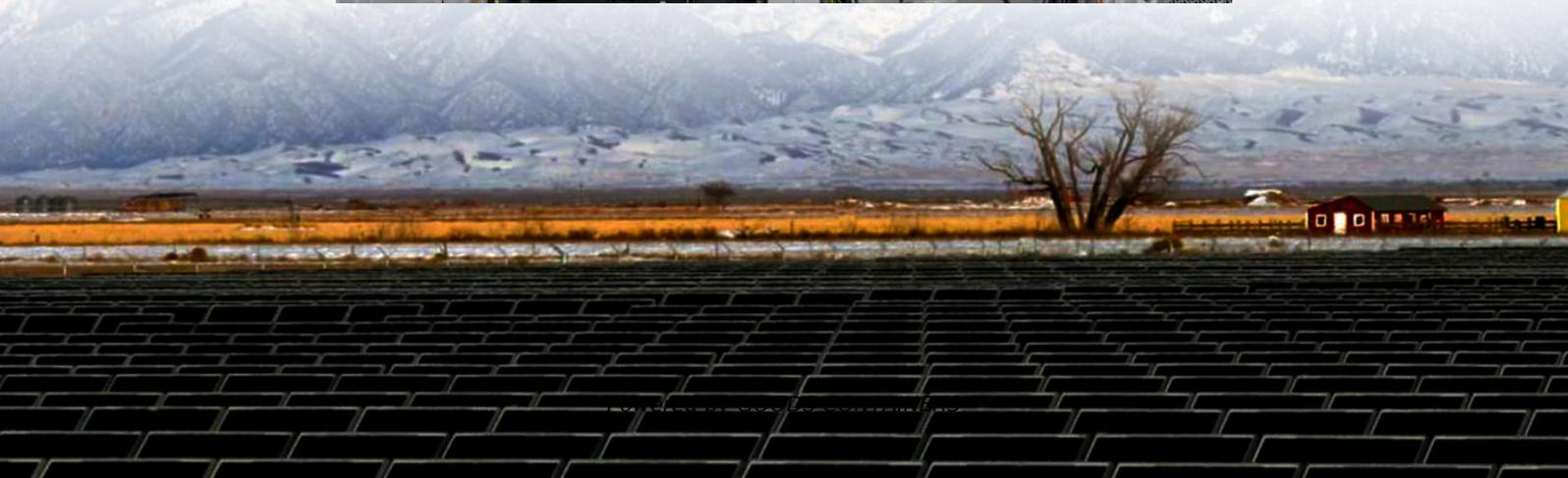


# **Can Yemen s solar container outdoor power be used on public transportation**





## Overview

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Can solar power be used in transportation?

Integrating solar energy into existing transportation systems requires careful planning and investment in infrastructure. By leveraging solar power, transportation networks can become more sustainable, reducing carbon emissions and reliance on non-renewable energy sources.

Does Yemen have solar energy?

Yemen is a sunbelt country with one of the highest levels of solar irradiation and an annual daily sunshine exceeding eight hours. This means that the different solar energy technologies for heating (e.g., Solar Water Heaters (SWHs)) and for electricity production (e.g., solar photovoltaic (PV)) have considerable potential in Yemen.

Can solar energy reduce the fiscal burden of the Yemeni government?

Imports of fossil fuels for electricity generation have placed a significant and increasing fiscal burden on the Yemeni government over the years, in addition to their impact on foreign currency reserves and balance of trade. Solar energy has the potential to address this challenge and reduce the burden.

How can the private sector help the power sector in Yemen?

Investments in the power generation sector in Yemen in general, and specifically in solar renewable power generation, require significant institutional and financial capacity that the public sector currently lacks. That is why partnering with the private sector can represent a key part of the solution to the challenges in the electricity sector.



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