



ASIA CLEAN ENERGY FORUM 2026

Beyond Transition: Building Secure, Resilient, Inclusive, and Intelligent Energy Systems

8–11 June | ADB Headquarters, Metro Manila, Philippines

Powering Inclusion Through NGO-Led Solar Deployment: A Scalable Model for Asia

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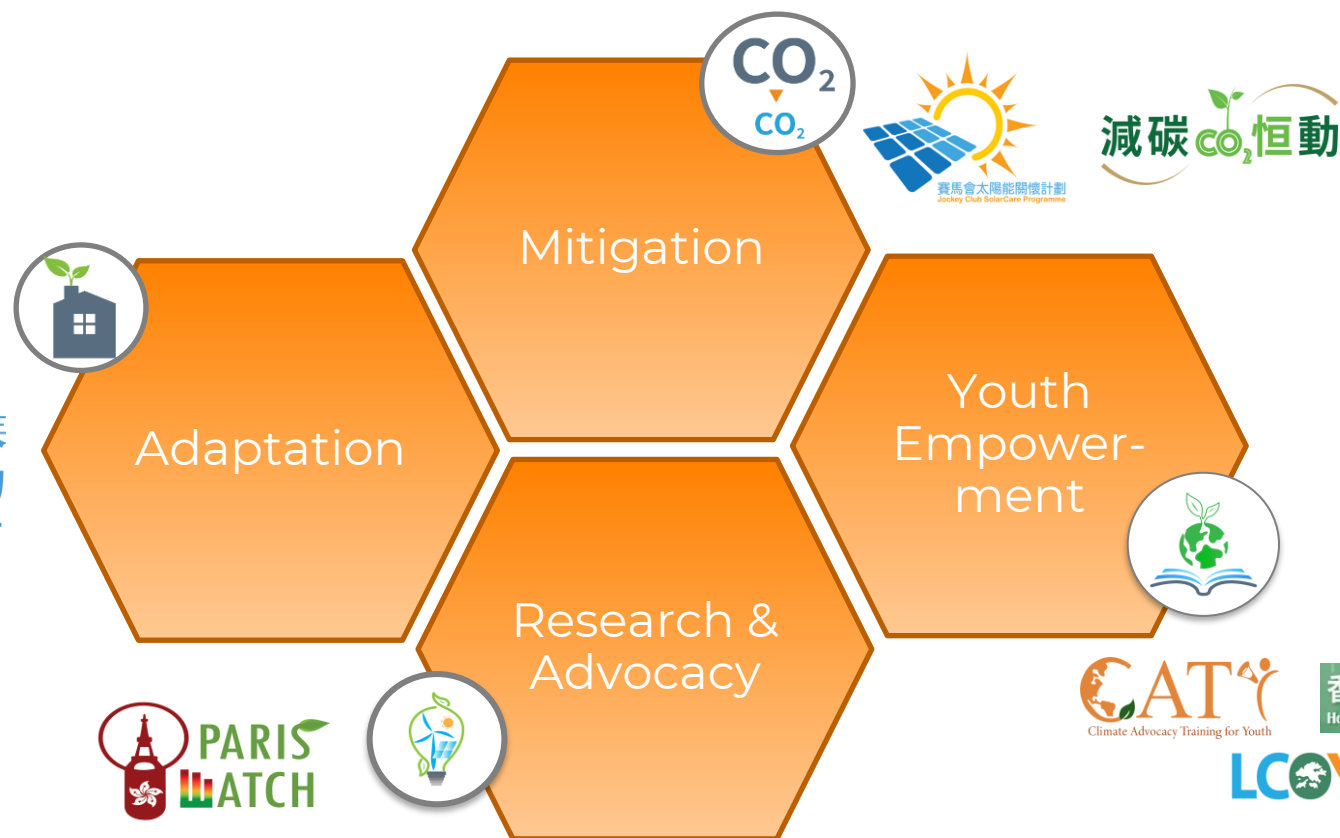


CARBONCARE
INNOLAB
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**Who is
CarbonCare InnoLab?**



平凡人的
氣候
應變力



To nurture and expand a community active in climate justice through innovation, education, and action. We actively engage NGOs, businesses, policymakers, and youth in achieving a just transition to a low-carbon economy that respects and protects vulnerable communities.

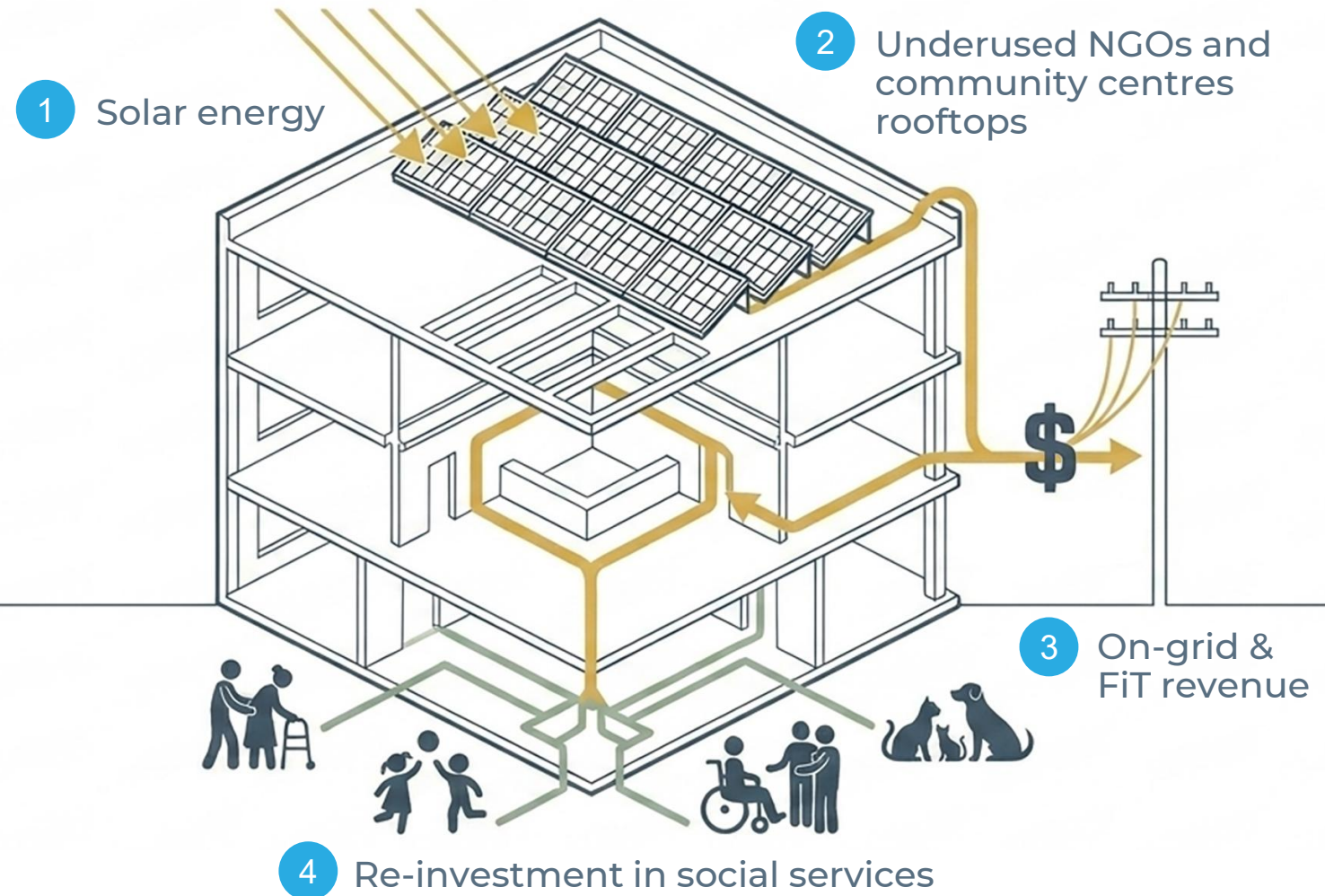
The Financing Gap

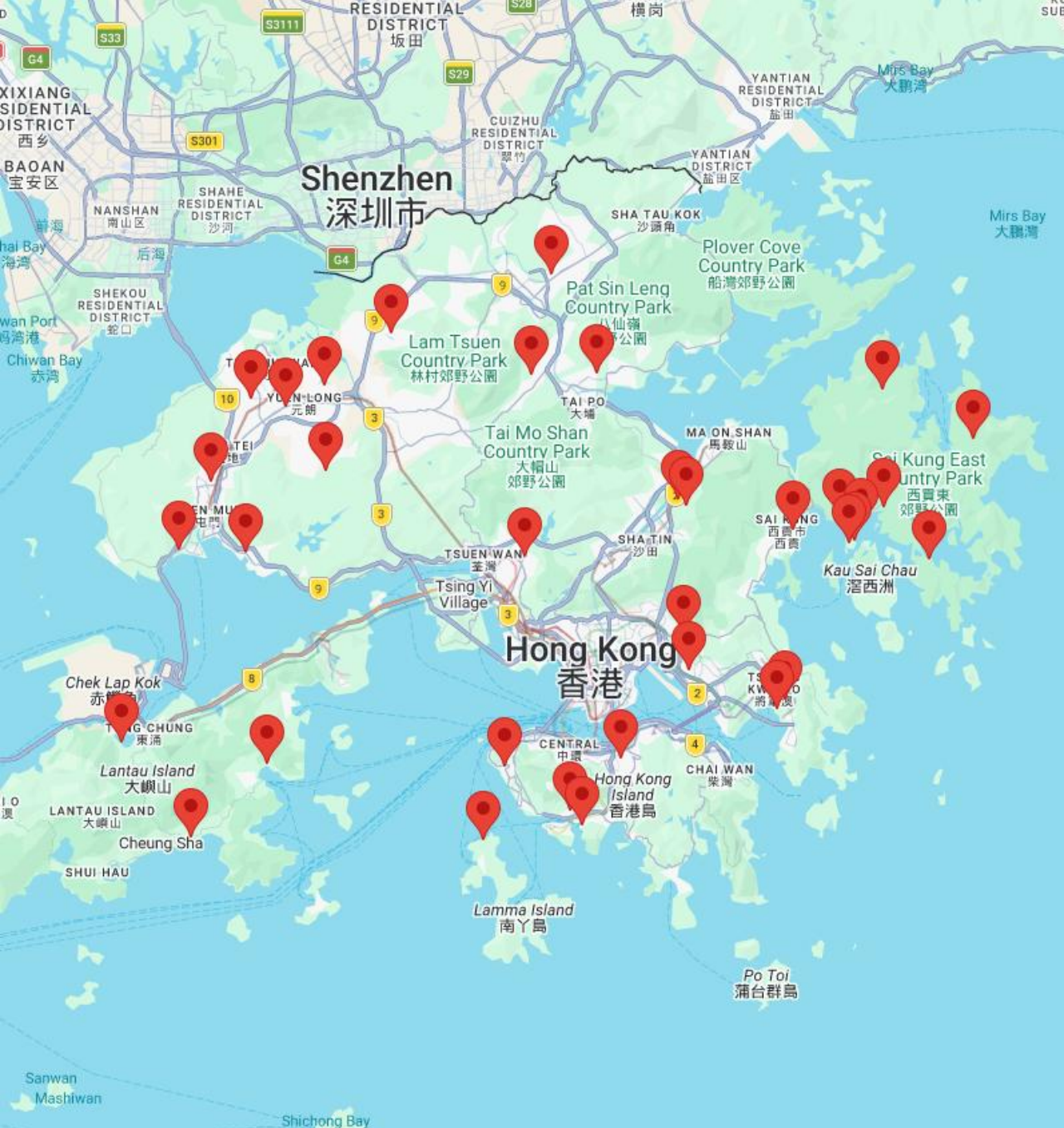
- Capital barriers exclude underserved actors from clean energy economy
- Rely heavily on government or private sectors in driving the energy transition
- Marginalised communities and NGOs that serve the grassroots lack upfront capital and technical capacity to participate in, or benefit from renewable energy generation (participatory justice)

Without targeted financial mechanisms, the energy transition risks widening the wealth gap rather than bridging it.

Transform NGOs & community centres into financial engines for social services

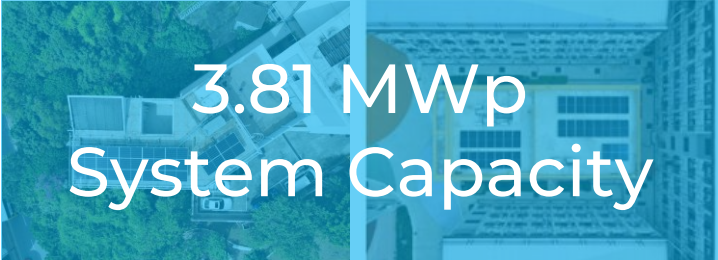
Solar Pays for Social Services





- **Distributed small-scale rooftop PV systems are installed at NGOs across multiple locations**
- **Suitable for urbanised cities with limited space for large-scale installations**

At A Glance



3.81 MWp
System Capacity



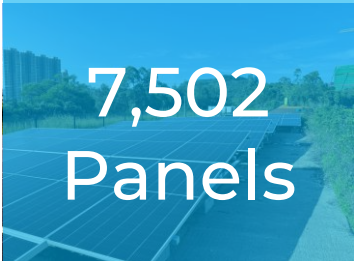
42 PV Systems
installed



Generate
cumulative FiT
revenue of USD
4.33M for social
services

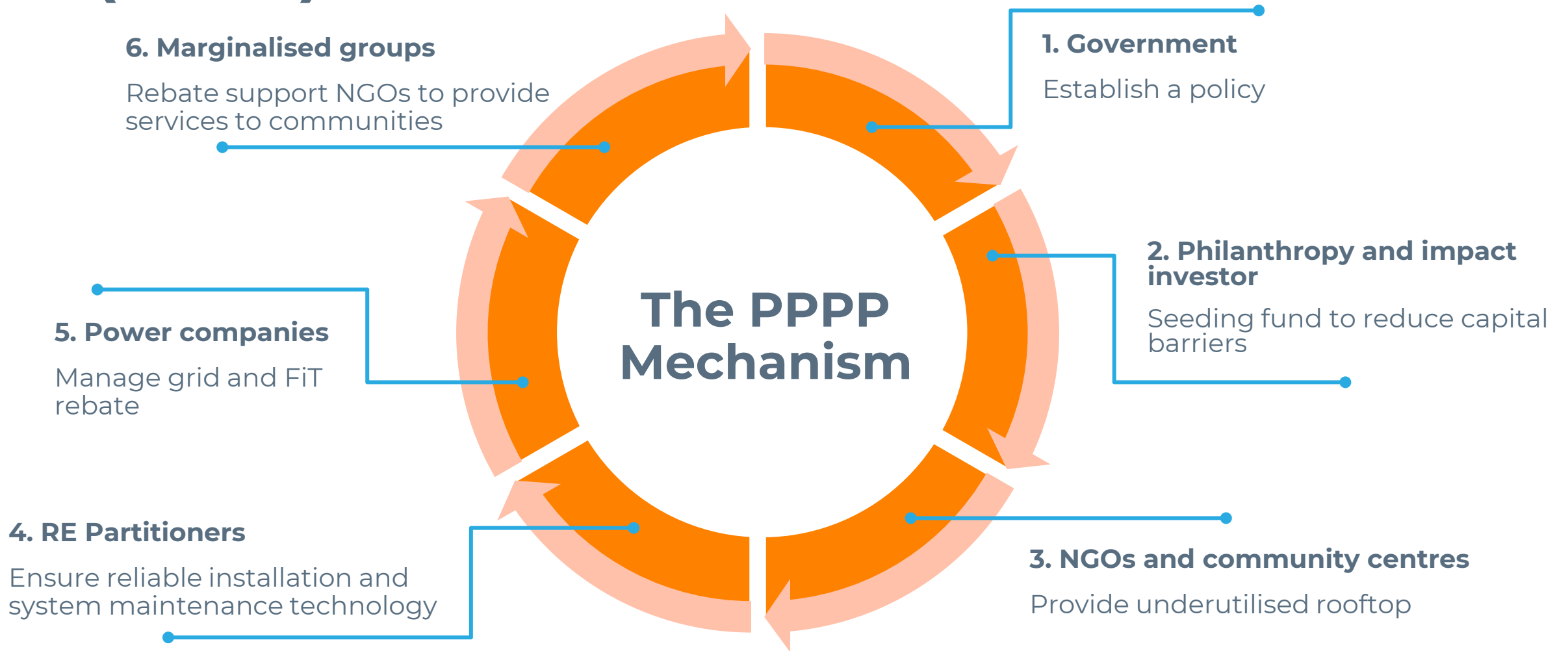


Benefit
130,000+
beneficiaries



7,502
Panels

Public-Private-Philanthropy Partnership (PPPP)



Public-Private-Philanthropy Partnership (PPPP)

	Commercial	PPPP Model
Primary Goal	Maximum yield for profit generation	Maximum unrestricted reinvestment for social impact
Land Use	Commercial land	Underused NGO rooftops
Scale	Small (residents) Large (solar farm)	Small and decentralised
Capital Source	Loan / own capital	Philanthropic grant / impact investment
Revenue Beneficiary	Corporate shareholder	Grassroots communities
Definition of Success	ROI	Capacity building & just transition

The PPPP model shifts the focus from purely environmental metrics to deep, structural socio-economic empowerment

Key Enablers for Scaling the PPPP across Asian Cities

Supportive Policy Architecture

Governments must implement accessible FiT mechanism or robust net-metering policies to guarantee the financial loop

Philanthropic Catalyst

International development funds, philanthropies and impact investor must shift focus from large-scale solar projects to decentralised, community-level systems

Localised Service Hub

Establishing central NGOs (like CCIL) to bridge the gap between complex RE practitioner, institutional funders and capacity building for social NGOs and community centres



Energy Just Transition In Real World



THANK YOU & CONNECT WITH US

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