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A Window of Opportunity to Promote Energy Inclusion and Help Tackle Energy Poverty



Climate change, global warming, and significant events (wildfires, floodings, high temperatures, droughts). Funding to be increased to secure global net zero.



Previous experiences have fallen short of results.

X

Ambitious measures and goals.



Transition the energy matrix from fossil fuels to renewable Distributed Energy Resources (DER) offers a window of opportunity to promote energy inclusion through financing schemes for renewable energy.



Customers acting as **PROSUMERS**.

New business models capable of managing their relationship with each other and with the energy grid service providers. Increased complexity X several unforeseen risks that need to be identified and managed.

Challenging integration

- photovoltaic panels.
- smart meters.
- batteries systems.
- IoT and other devices (distinct locations) .



Decarbonisation



Digitalisation

Digital technologies to integrate aspects of the energy system.

C~E~N~T~S COOPERATIVE ENERGY TRADING SYSTEM



Decentralisation

Generation and management.

Business models
(adaptive new models)

Community Energy
(social impact)

Policymaking
(support to policymakers)

Energy Trading
(customer engagement)

Democratisation

DER offer relatively cheaper alternatives for power generation of clean energy



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Unprecedented opportunities to promote clean energy

Available Supporting Technologies

Energy Inclusion & Social Transformation

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