Open Network Thinking and DPIs in Climate

How can decarbonisation be accelerated through green energy transition with open network thinking and digital public infrastructure approach?

SKI ANNUAL SUMMIT 2024

Hosted by
Sattva Knowledge Institute SKI | SATTVA

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FIDE Foundation for Interoperability in the open economy

The SKI Annual Summit will bring together eminent and diverse voices from the impact ecosystem to examine and chart pathways for bringing about some ambitious shifts in Agriculture, Education, Livelihoods, Digital Public Goods, Climate Change, Health, and Impact Capital. Facilitating action-focused conversations among 100+ leaders from corporates, government, philanthropic and civil society organisations in an interactive workshop format, this convening will be a catalyst in identifying gaps and co-creating knowledge that will guide paradigm-shifting decisions for impact.

The problem

India is the third largest emitter of carbon dioxide in the world.

The per capita **CO2 emissions have more than doubled** in the last three decades.

56.8% of India's installed generation capacity is reliant on fossil fuel combustion, half of which is coal-based.

How can open network thinking and digital public infrastructures (DPIs) be game changers for climate change?

Renewable energy sources are a promising alternative because they emit 95% less carbon dioxide than coal across their lifecycle.

India aims to create 500 GW of installed renewable energy capacity by 2030 and achieve net zero carbon emissions by 2070.

The intermittent nature of renewable energy sources and demand-supply mismatch, along with the paucity and low visibility of existing storage solutions, are potential roadblocks hampering India's progress.

Using Open Network thinking, DPIs can decentralise and democratise energy sharing, trading, and fast-track innovation in renewable energy technologies. As a common language between energy consumers and providers, open networks can:

- Aid resource and infrastructure efficiency
- Bridge the supply and demand gap
- Drive transparency
- Help unlock the true potential of renewable energy.

Workshop Objectives

1 Engage major stakeholders in the ecosystem to:

- Validate problem statements and challenges with the green energy transition.
- Identify and brainstorm on use cases for open network thinking and DPIs.
- Ideate and define solutions that integrate open networks/DPIs to enable green transitions.

2 Establish working groups to drive pilots and solutions that emerge from the workshops

Who will participate in the workshop?

The workshop will bring together a group of 25 leaders across philanthropy and non-profits.

📅 Feb 23, 2024   🕐 10.30 AM to 6.30 PM   📍 The Pullman, New Delhi   ⏳ Session start time: 1:45 PM   Duration: 4 hours and 15 minutes