Concept Note

OVC 2025

Theme: Clean Energy Pathways for Climate-Resilient Odisha

About the Session

This session explores ecosystem models and solutions for integrating clean energy into livelihoods in Odisha, with a focus on enhancing productivity, improving cost efficiency, and reducing drudgery. It highlights how renewable energy technologies can transform livelihood practices, strengthen local economies, and build resilience against climate change.

Bringing together end users, technology providers, grassroots NGOs, and financiers, the session aims to foster dialogue and collaboration for scaling sustainable, energy-led livelihood solutions. It will emphasize the importance of designing interventions through ecosystem strengthening, ensuring that the benefits of clean energy are not viewed in silos. The discussion will enable the audience to visualize these ecosystems and hear from stakeholders how these elements converge to create climate-smart livelihoods.

Background and Rationale

Odisha's economy is deeply intertwined with natural resources and smallholder livelihoods that remain vulnerable to climate shocks and energy insecurity. Building climate resilience in these communities requires integrating clean, reliable, and affordable energy solutions into livelihood systems. Access to decentralized renewable energy can reduce drudgery, enhance productivity, improve cost efficiency, and support climate adaptation, particularly in agriculture, food processing, and small enterprises.

This session convenes diverse stakeholders—including end users, grassroots NGOs, technology providers, financiers, and policymakers—to explore ecosystem models and collaborative approaches for scaling energy-led livelihood solutions in Odisha. It aims to shift the conversation from isolated interventions to a systems approach that connects technology, finance, capacity building, and policy frameworks.

Through real stories, case studies, and participatory discussions, the session will illustrate how renewable energy technologies—such as solar-powered irrigation, decentralized cold storage, and energy-efficient post-harvest processing—can empower communities to strengthen their livelihoods and build resilience against climate uncertainties.

Session Objectives

- **To showcase** successful clean energy-based livelihood models from Odisha and beyond.
- **To facilitate** dialogue among ecosystem stakeholders and identify enablers, barriers, and opportunities for scale.
- **To emphasize** the importance of ecosystem design, wherein technology, finance, and capacity-building synergize to enable sustainable adoption.