

UN HLPF INFORSE Side Event: July 15, 2020

Local Climate & Sustainable Energy Solutions, Eco-Village Development, Nepal

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Presentation is part of the Proceedings of Side Event of UN HLPF 2020

[http://www.inforse.org/INFORSE\\_at\\_HLPF2020.php](http://www.inforse.org/INFORSE_at_HLPF2020.php) and

<https://sustainabledevelopment.un.org/index.php?page=view&type=20000&nr=7102&menu=2993>

# Centre For Rural Technology, Nepal (CRT/N)

## Background

### Biomass Based



- Household/ Institutional Improved cookstoves
- Rocket Stoves
- Bio-Briquettes

### Hydro Based



- Improved Water Mill (IWM), electrification
- Pico-Hydro Power
- Hydraulic Ram Pump

### Solar Based



- Solar Dryer (household/institutional)
- Parabolic Solar Cooker

### Other



- Climate Change Mitigation and Adaptation
- Gender Mainstreaming
- Enterprise Development

**CRT/N is member of INFORSE since 1998 & Nepal focal point for INFORSE South Asia**

**INFORSE**  
International Network for Sustainable Energy

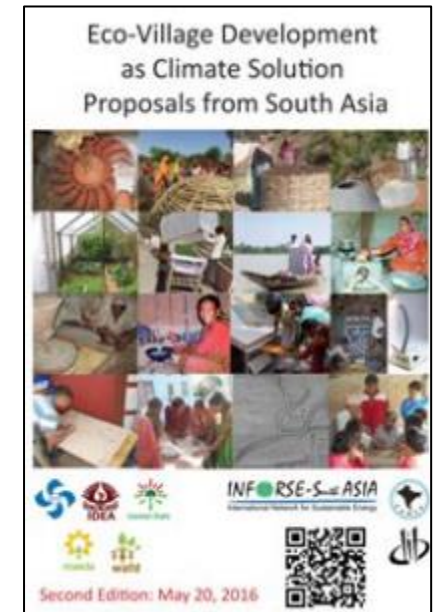
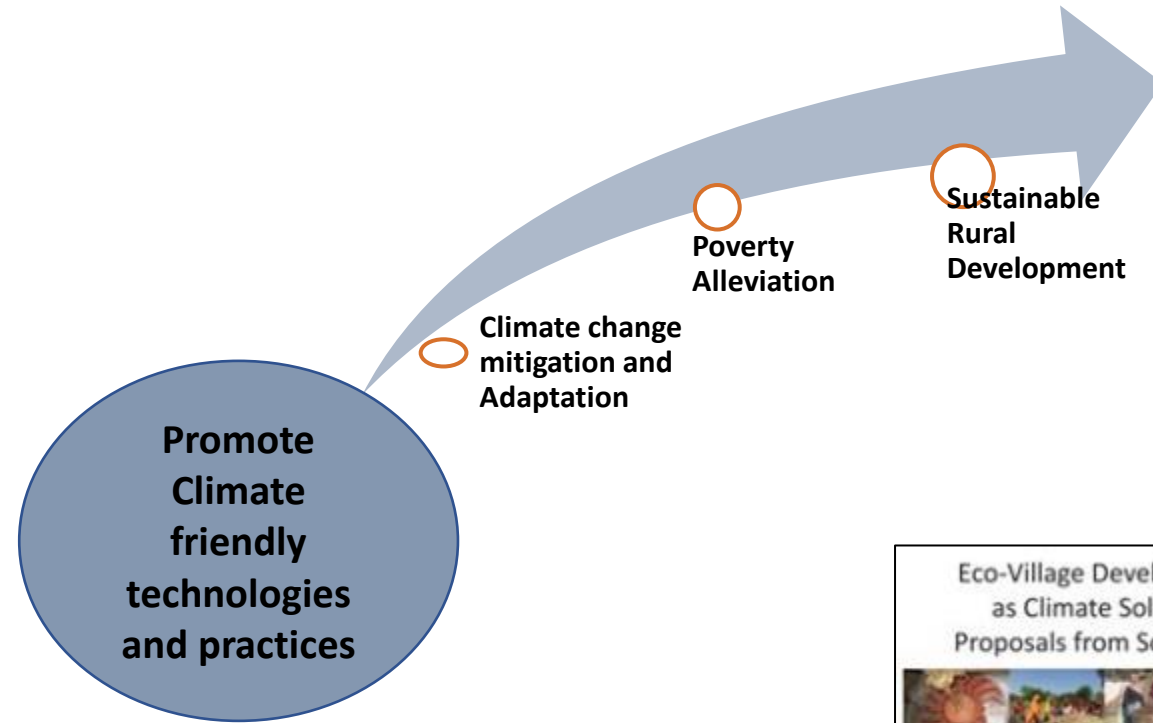


**HIGH-LEVEL POLITICAL FORUM  
ON SUSTAINABLE DEVELOPMENT**

UN HLPF2020 Side Event: July 15, 2020, INFORSE: Local Climate & Sustainable Energy Solutions, South Asia, East Africa, Eco-Village Development, 100% Renewables

# Eco-Village Development Concept

- an integrated socio-economic development program to ensure participation of the target group, especially the women and DAGs of the community to transform the existing villages into sustainable Eco-villages, using participatory methodology.
- Helps to improve and upgrade locally available knowledge related to energy, livelihoods and food security, and tools based on traditional knowledge and skills of target groups, to match the community needs.
- community themselves can manage their own resources after their capacity is built in the appropriate skills for the effective care, service, maintenance and repairs of technologies and their management on a sustainable basis.



# Phases of Eco Village Development (EVD)

I

**Jan 2015-July 2017**

*Evidence Based Advocacy for Low-Carbon, Pro-Poor Sustainable Eco-Village Development (EVD) in South Asia*

II

**Sep 2017-June 2018**

*Advocating for upscaling for local climate solutions as eco village development as a mean to strengthen pro-poor climate agenda in South Asia*

III

**Sept 2019-July 2020**

*Strengthening the Eco-Village Development concept: Affordable local climate actions for sustainable development in South Asia*

IV

**July 2020-December 2021**

*Next generation low carbon, climate resilient Eco-Village Development in South Asia*





# Community focused Approaches

- Role of Community
- Participation
- Capacity Development
- Utilization of local resources
- Equitable distribution of responsibilities & opportunities
- Sustainable development



Solar PV Light



Improved cookstove



Improved Water mill

# EVD Solutions in Nepal



Plastic pond



Hydraulic Ram Pump



Improved Cookstoves



Improved Water Mill



Plastic Tunnel



Organic Farming



Solar Light



Organic Pesticides





दक्षिण एशियाको फाँट जनसमुदाय समायोजन प्रकल्प स्वरुपः  
"वातावरण मैत्री गाउँ विकास"

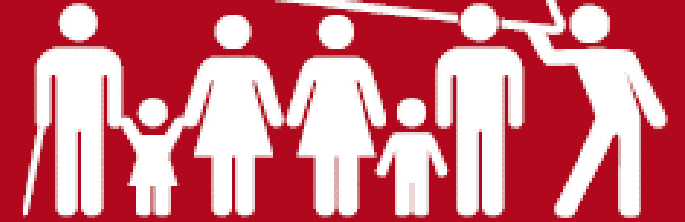


## प्रशिक्षक प्रशिक्षणका लागि सामाजिक-प्राविधिक निर्देशिका

भारत, नेपाल, श्रीलङ्का र बंगलादेशमा  
वातावरण मैत्री गाउँ विकासका लागि  
सहभागीतात्मक योजना निर्माण, प्रविधि  
तथा ज्ञान स्थानान्तरणका लागि तयार  
पारिष्को निर्देशिका



PROMOTE  
LOCAL CLIMATE  
SOLUTIONS  
TO END  
POVERTY



## वातावरणमैत्री विकल्पहरुबारे संक्षिप्त जानकारी

भाद्र -२०७३

वातावरणमैत्री गमुना गाउँ



दक्षिण एशियामा कार्वन न्यूनीकरण एवं विपन्न केन्द्रित डिग्री  
वातावरणमैत्री गाउँ विकासका लागि स-प्रमाण पैरवी



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वातावरणमैत्री गाउँ विकास कार्यक्रमका सफलताका कथाहरु

घैत्र-२०७३



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# SUSTAINABLE DEVELOPMENT GOALS







# Thank You

More information:

[www.crtnepal.org](http://www.crtnepal.org)

[www.inforse.org/asia/EVD.htm](http://www.inforse.org/asia/EVD.htm)

