



UNFCCC COP19 Side Event:

*“New Solutions of Climate Mitigation in South & North;
NGOs Voices on the Technology Mechanism”*

organised by INFORSE, AIWC and HELIO

Warsaw, Poland, November 18, 2013

PROMOTION OF APPROPRIATE GREEN TECHNOLOGIES USING BAMBOO AND WOOD AS MAIN BUILDING MATERIALS WITH IN ECO-VILLAGE IN TEHRI DIST TO EMPOWER RURAL WOMEN



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Proceedings: www.inforse.org/europe/conf13_COP19.htm

PROBLEMS IN THE TARGET VILLAGES IN TEHRI GARHWAL DISTT OF UTTARAKHAND STATE IN SUB- HIMALAYAN REGION OF INDIA

- Climate Change has affected the project areas
- Shifting weather patterns is getting unpredictable
- Soil is getting degraded
- Agriculture Production is affected
- Livelihood of local people affected
- Men leave villages to earn livelihoods in the cities due to shrinking opportunities
- Women are affected most as they stay in the villages with children and old people and manage agriculture, animal husbandry and domestic chores
- They face domestic energy and water problems so have to walk longer distances to fetch firewood and water

SUSTAINABLE ECO-VILLAGE DEVELOPMENT (EVD) AS MITIGATION OF CLIMATE CHANGE

- WAFD together with its technical partner INSEDA is finding Climate change mitigation solutions through Promotion and implementation of integrated EVD project,
- Advantage of taking village as the smallest unit for promoting sustainable EVD can be easily replicated in other villages.
- Design, develop and promote affordable and durable green technologies that are most appropriate to the region to mitigating the negative impact of climate change, and teach women to implement these for energy, water and food security are the key objective of the EVD project
- Other objective are income generation for sustainable livelihood improve quality of life the women and family, and
- Improve environment of target village as well as the surrounding villages as a whole

**SOME OF THE GREEN TECHNOLOGIES BEING
PROMOTED AND IMPLEMENTED WITH IN THE
ECO-VILLAGE DEVELOPMENT (EVD) PROJECT
FOR EMPOWERMENT OF WOMEN**

Biogas plants using bamboo base for providing clean cooking energy and organic manure for improving soil



Roof Rain Water Harvesting Structures (RWHS) with bamboo based...showing first stages of construction



Completed Roof Rain Water Harvesting Structure (RWHS)



Low cost Solar Dryer made from bamboo



Bamboo solar dryer completed with cover and showing dried herbs



Completed solar water heater showing water heating after 1 hour



Bamboo based compost basket



Organic garden patch



Cauliflower and beans from a kitchen garden



Woman cleaning the organic produce



Simple low cost poly house for vegetable gardening for home and market



THANK YOU



For Further information:

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