

Side Event: South Asian Eco-Village Solutions in NDCs and Climate Finance -
Renewable Energy and Organic Farming
UNFCCC SB44, Bonn. 16.45 - 18.15, 20 May 2016, Room: Berlin

Linking Eco Village Development (EVD) to INDCs and National Agendas of Sri Lanka

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IDEA, Sri Lanka



inseda

wafd
women's action for development

INFORSE-South ASIA
International Network for Sustainable Energy



Proceedings : www.inforse.org/europe/conf16_SB44-Bonn.htm www.inforse.org/asia/EVD.htm

UNFCCC SB44: <https://seors.unfccc.int/seors/reports/archive.html>

Organization Overview and Interventions



Integrated Development
Association (IDEA)

Interventions : Rural Energy
Energy : Biomass (about 70%)

Population by Sector %
Urban -18.3 Rural - 77.3
Estate- 4.4

- Nationwide dissemination and commercialization of the “Anagi” improved cookstoves –
Over 300,000 Stoves produced Annually
- **4 Million Stoves Marketed since inception**
- Industrial and large stoves installation
- Rural kitchen improvements and IAP
- Bakery, Brick making combustion improvements
- Village hydro
- Organic Gardening

**Basket of EVD Solutions – Integration through
Village Planning**

Reduction- 0.5 tCO₂e / Year



Sri Lanka INDCs – EVD linkages

Ministry of Mahaweli Development and Environment, Sri Lanka. April 2016

Key Features : Mitigation -5 Sectors, Adaptation – 8 Sectors, Loss and Damages
Climate Financing not Quantified

Mitigation: Sectors

Sectors and EVD association	Reductions by 2030
<ul style="list-style-type: none"> ➤ Energy- 50% NCRE by 2030 Promotion of wind, solar, biomass, Mini Hydro, Demand side Management 	20% (approx. 36010.2Gg) (4% Unconditional, 16% Conditional)
<ul style="list-style-type: none"> ➤ Transport Enhancing Efficiency and Quality for Public Transport 	10% (3% Unconditional, 7% Conditional)
<ul style="list-style-type: none"> ➤ Waste Organic fertilizers for agriculture, Energy generation from waste 	
<ul style="list-style-type: none"> ➤ Industry <i>Eco Industrial Parks and Villages, Energy Efficiency in SMEs</i> 	
<ul style="list-style-type: none"> ➤ Forest Restoration and Increase in Forest cover 	

Sri Lanka INDCs – EVD linkages

Adaptation: Based on NCCAS and NAP

Sectors:

- Health Sector
- Food Security - Mitigation of Chemical fertilizers
- Water - Conservation of drinking water catchments
- Irrigation – Improved irrigation for Agriculture, Water harvesting

Other Sectors: Coastal and Marine, Bio Diversity, Urban City Planning and Human Settlements, Tourism and Recreation



INDC inclusions- Rural Energy Sector and Health due to energy Inefficiency and Malpractices not highlighted - in National Programmes

Other National Initiatives Following COP21

➤ Sri Lanka NEXT Initiative

The BlueGreen Era

Pledging for 2°C

EVD Linkage -Green Villages and
Cities



➤ “Toxic Free Nation” – 3 Year National Programme

-Reduce the utilization of Chemicals in Agriculture

-Mainstreaming and upscaling Organic Agriculture

Other National Initiatives Following COP21

Organic Agriculture - “Toxic Free Nation”, INDCs

Eco Village Developments Initiatives

- Organic Gardening – Home Gardening
Entry Point and facilitates Integration of solutions , Huge Scope



Sectoral Composition of GDP of Sri Lanka: Agriculture 11%, Industry 31%, Service 58%Z

Agricultural Labour force 30%

Boost productivity and productive employment – Improve Agricultural livelihoods, Agro Products , Market Avenues, Training and Capacity building on sustainable farming practices and technology...etc

Pro Poor Low Carbon EVD - Integration

Going forward: Sri Lankan Perspective

- Awareness and Education
- Social Acceptability and Branding – Lifestyles Changes with Income
- Capacity Building and Technology Transfer
- Establishment of Support Systems, Structures and Infrastructure
- Long Term Proactive measures: Introduction of Low Carbon Livelihoods
- Civil Society Involvement: Participatory approach
- Operationalizing and Implementation of National agendas at Grassroot level
- Building capacity on climate resilience
- **Finance!**

More than 200 families are missing after a massive landslide buried three villages in Sri Lanka following days of torrential rain

