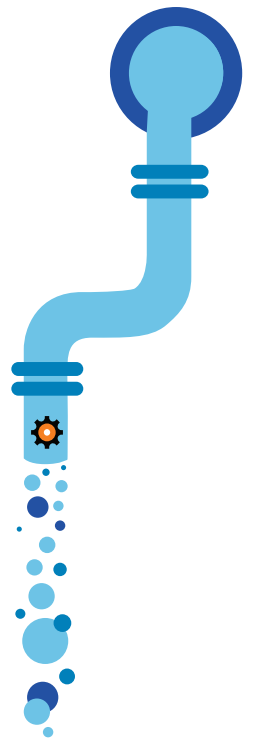




CLIMATE SOLVER

WWF's Climate Innovation Platform

Supported by WWF-Sweden



Background

Climate Solver is a climate innovations platform developed by WWF to strengthen the development and widespread use of low carbon technologies, which radically or transformatively reduce carbon dioxide emissions or provide energy access. The platform aims to stimulate the diffusion of innovative low carbon technologies and also generate awareness about them along with the overall value of innovation as an immediate and practical solution to climate change.

Climate Solver was launched by WWF-Sweden in 2008. It has now expanded to other countries including China and India.

Through Climate Solver, WWF-India will identify and highlight the problems, barriers and challenges faced at the crucial stage of research and development (R&D) as well as market uptake and exemplify other hindrances that prevent society from benefitting from low carbon technologies. We hope to attract the attention of specific stakeholders (such as entrepreneurs, investors and policymakers) who can be instrumental in improving the conditions and building up these enterprises' capacity of developing and promoting low carbon innovative technology.

Who are Climate Solvers?

Climate Solvers are small and medium-sized enterprises that are characterized as innovative firms with the potential to become leaders in India and the world in tackling climate change. They are selected as Climate Solvers based on their development of cutting-edge technologies

that contribute to reducing carbon emissions or enabling energy access through sustainable clean energy solutions. They have robust business plans for their proprietary technology and ambitions for large-scale deployment of their climate innovation, both nationally and globally.

Some of the benefits for Climate Solvers are:

- Increase the visibility and credibility of the company as a climate innovation leader
- Opportunities for networking and attracting support from potential partners
- Expand the outreach in the existing market space and improve business opportunities
- Enhanced exposure through films, websites and other communication tools

Climate Solver Partners

Climate Solver Partners are stakeholders like innovation incubators, industrial associations and business networks that help and support local small and medium sized enterprises in enhancing their climate innovation solutions.

WWF-India has the following Climate Solver partners:

- Confederation of Indian Industry (CII)
- National Innovation Foundation
- Centre for Innovation Incubation and Entrepreneurship (IIM Ahmedabad)
- New Ventures India
- Skyquest Technology Consulting Pvt. Ltd.
- Technology Development Board (Department of Science and Technology, Government of India)



The Platform Process

- WWF and Climate Solver Partners identify potential Climate Solvers. WWF-India also directly reaches out to companies for nominations.
- Based on a WWF calculation methodology and evaluation, Climate Solvers are selected by an expert panel and awarded on an annual basis.
- In an effort to catalyze an enabling environment for climate innovations, WWF communicates the potential of awarded Climate Solver technologies as well as the problems faced by the low carbon innovative SMEs (visit www.climatesolver.org for details).
- WWF will have further discussions with the Climate Solver Partners to identify the major challenges and suitable measures for promoting low carbon technologies and enabling energy access.

100%
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Climate Solver Awardees

2012

Theme: Energy Access

Smart Microgrid – Gram Power (India) Pvt. Ltd.
Paribesh Chula – Enfragy Solutions India Pvt. Ltd.

Theme: GHG Reduction

Air to Air Heat Exchanger for Cooling – Toro Cooling Systems Pvt. Ltd.
Geothermal Building Cooling Systems – Green India Building Systems and Services Pvt. Ltd. (GIBSS)

2013

Theme: Energy Access

Improved Biomass Cook Stoves – Envirofit India Pvt. Ltd.
Low Cost Smart AC Solar Micro Grid – Naturetech Infrastructure Ltd.

Theme: GHG Reduction

Decentralised Solar Thermal System for Industries – Aspiration Energy Pvt. Ltd.
ARUN® Dish: Fresnel Paraboloid Solar Concentrator System – Clique Developments Ltd.
E Grid: A Low-Cost, Scalable Platform and Analytics for Demand Side Management – Ecolibrium Energy Pvt. Ltd.

2014

Theme: Energy Access

Progressive Purchase: Pay-as-you-go Pricing Model – Simpa Energy India Pvt. Ltd.
Decentralised Energy Solutions for Underserved Households and Institutions – ONergy (Punam Energy Pvt. Ltd.)

Theme: GHG Reduction

BioUrja: Low Cost Dry Anaerobic Digester – GPS Renewables Pvt. Ltd.
PLUGnCHILL: Phase Change Material (PCM) based Thermal Energy Storage Technology (for mobile cold storage) – Thermal Energy Service Solutions Pvt. Ltd. (TESSOL)

2015

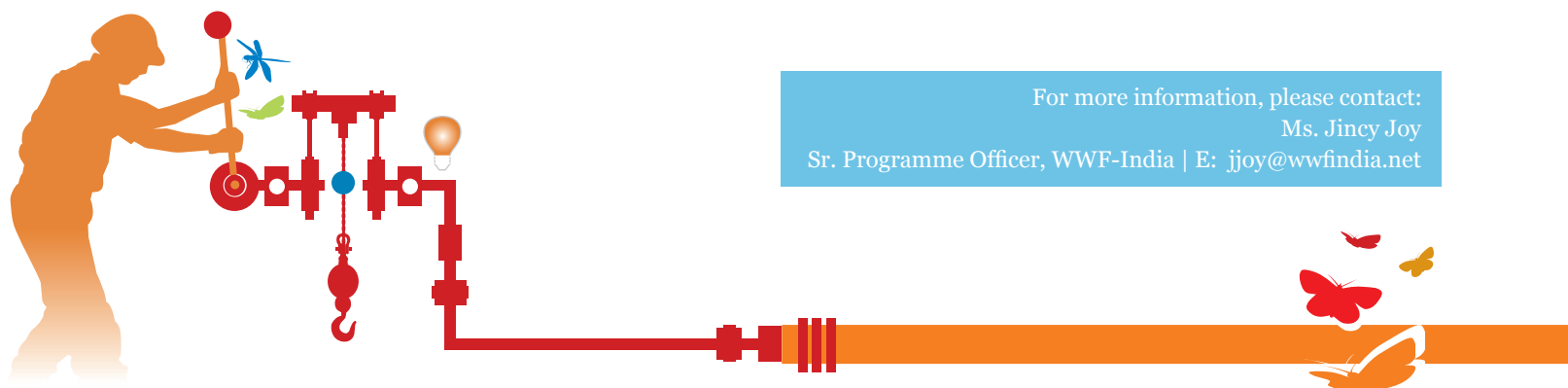
Theme: Energy Access

Prepaid DC micro grid (and USB stick based recharge) – BOOND Engineering & Development Pvt. Ltd.

Theme: GHG Reduction

Radiant Cooling Solution for Building Sector – Oorja Energy Engineering Services Pvt. Ltd.

CLIMATE SOLVER PARTNERS



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