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.

WWF-India further seeks to scale-up climate innovation among SMEs by growing the pool of clean energy innovators through regional annual convenings, providing a select group of innovators with business and financial planning support, and developing a community of clean energy innovation practice that can be linked to regional, national, and international platforms.

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, hub, newsletters, e-updates 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)
- Indian Angel Network
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 engages in further discussions with the Climate Solver Partners to identify the major challenges and suitable measures for promoting low carbon technologies and enabling energy access.

*Subject to resource availability.

Climate Solver Awardees

2012
Theme: Energy Access
Smart Microgrid – Gram Power (India) Pvt. Ltd.
Paribesh Chula – Enfragy Solutions India Pvt. Ltd.

2013
Theme: Energy Access
Improved Biomass Cook Stoves – Environix India Pvt. Ltd.
Low Cost Smart AC Solar Micro Grid – Naturetech Infrastructure Ltd.

2014
Theme: Energy Access

2015
Theme: Energy Access
Prepaid DC micro grid (and USB stick based recharge) – BOOND Engineering & Development Pvt. Ltd.

2016
Theme: GHG Reduction
Gorilla Energy Efficient Ceiling Fans – Atomberg Technologies Pvt. Ltd.

2017
Theme: GHG Reduction
Carbonlites- Bottled Bio-CNG (by end to end organic waste management) – Carbon Masters India Pvt. Ltd.
Capturing Particulate Matter from Diesel Generators – Chakr Innovation Pvt. Ltd.

2018
Theme: GHG Reduction
HyPixi- Hybrid Retrofit System for Vehicles - Altigreen Propulsion Labs Pvt. Ltd.
Surface Water Velocity Driven Hydrokinetic Turbine - Maclec Technical Project Laboratory Pvt. Ltd.

2019
Theme: GHG Reduction
Carbon Cutter- Retrofit Device for Jaggery Units and DG Sets - Pi Green Innovations Pvt. Ltd.
Minion- Smart Meter - Minion Labs India Pvt. Ltd.
AI for Buildings to Reduce Power Consumption - PRSense Technologies Pvt. Ltd.
Smart Public EV Charging Ecosystem - Shurify Services Pvt. Ltd.

2020
Theme: GHG Reduction
Rapid Charging Battery Technology - Log 9 Materials Scientific Pvt. Ltd.
Sabjikothi : Microclimate Storage and Transportation Solution for Fruits and Vegetables - SaptKrishi Scientific Pvt. Ltd.