

Climate Solver Partners



Confederation of Indian Industry



National Innovation Foundation



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IND
2019



CLIMATE SOLVER

WWF's climate innovation platform

THE CLIMATE SOLVER PLATFORM

WWF-India

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 stimulates the diffusion of innovative low carbon technologies and also generates awareness about them along with the overall value of innovation as an immediate and practical solution to climate change.



A climate innovation, by WWF's definition, is a transformative technology that, given favourable conditions, will generate significant* annual greenhouse gas reduction or substantially contribute to improved energy access in ten years (i.e. from 2029 and onwards) if applied at scale.

* >20 million tonnes of GHG reduction. Exceptions may apply for highly promising and innovative solutions with potential for long-term disruptive change

ABOUT CLIMATE SOLVER

Climate Solver in India



Climate change has become an increasingly important global challenge. In order to deal with the threat of climate change, the Indian government is committed to reducing the emission intensity of its GDP by 33-35% over 2005 levels, by 2030. For achieving this target, the government has stipulated a series of policies and actions. WWF-India believes that in order to meet the challenge of climate change and the national target of emission reduction, it is imperative to enable the transition of the economy towards sustainable energy and resource consumption. WWF sees climate innovation as instrumental in bringing this transition towards a sustainable economy. WWF aims to promote the widespread use of innovative low carbon technologies and sustainable clean energy solutions that enhance energy access. Thus, Climate Solver was launched in India in 2012. Through Climate Solver, WWF-India aims to 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 these technologies. It hopes to attract the attention of clean energy innovation ecosystem stakeholders (such as investors, incubators/accelerators, companies and policymakers) who are instrumental in improving the conditions and building entrepreneurs' capacity of developing and promoting low carbon innovative technology.



Carbonlites: Bottled Bio-CNG (by end to end organic waste management)



Capturing Particulate Matter from Diesel Generators



Improved Biomass Cookstoves



Radiant Cooling Solution for Building Sector

©WWF-India

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. Innovative business models for scale up are encouraged.

CLIMATE SOLVER PARTNERS

Who are Climate Solver Partners?

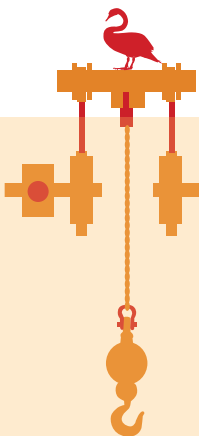
Climate Solver Partners are stakeholders like innovation incubators, industrial associations and business networks that play an important role in helping and supporting local small and medium sized enterprises in enhancing their climate innovation solutions.

Benefits

- Develop a long term partnership with WWF-India and contribute towards global efforts to mitigate climate change.
- Opportunity to provide added value to member companies and enterprises to communicate effectively and improve network outreach within the field of climate innovation.
- Enhance visibility of the Partner's organization.
- Opportunity to channel recommendations for climate innovation deployment to key decision-makers via WWF.

Responsibilities

- Nominate climate entrepreneurs to the Climate Solver platform in accordance with the specified criteria.
- Help ensure a high level of quality and credibility throughout the Climate Solver selection process, e.g. facilitate data collection and evaluation of the climate innovations potential for submitted nominations.
- Through participation in formal and informal ways contribute experience and views on the development and dissemination of climate innovations.
- Contribute in expanding the outreach of Climate Solver by sharing the information with relevant stakeholders.



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 expert evaluations, Climate Solvers are selected 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 further discusses with clean energy innovation ecosystem stakeholders, including Climate Solver Partners, to identify the major challenges and suitable measures for promoting low carbon technologies and enabling energy access.
- WWF organizes regional networking events connecting local SMEs with other clean energy innovation ecosystem stakeholders.*
- WWF provides business development support and facilitates linkages to select SMEs to ensure a clear pathway to maturity, scale, and financial stability. It aims to deepen the relationship between the Climate Solver platform and the investor community.*
- WWF uses various communication tools to raise levels of engagements among key stakeholders and to increase the public profile of clean energy innovators.

**Subject to resource availability*

CLIMATE SOLVER NOMINEES

- Benefits**
- Increase the visibility and credibility of the company as a climate innovation leader.
 - Opportunities for networking with previous Climate Solver awardees, industry associations, financial institutions, Climate Solver partners.
 - Increased public profile and enhanced capacity for clean energy innovators by using new communications tools and traditional media to raise level of engagement among key stakeholders through films, webpage, Climate Solver Hub, etc.
 - Expand the outreach in existing market space and improve business opportunities.
 - Opportunity to receive business development support with a leading incubator/accelerator.
 - Enhanced innovator-investor-corporate connect and access to knowledge resources through the Climate Solver Hub.
 - Interaction opportunities with international peers and similar innovation platforms to exchange information and share best practices through the WWF Network & partners. Additional incentives for Climate Solver awardees, such as travel sponsorships.

- Requirements[#]**
- The company's low carbon technology is in post-pilot stage. The technology is available to the market, even though it may have a small market share.
 - The company must own its low carbon innovative technology; either it has intellectual property rights (IPR) or has a legal agreement with the holder of the IPR, preferably in the technology field of Energy, Living, Moving or other enabling products and services.
 - The technology should be able to deliver significant carbon emissions reduction per year, or substantially contribute to improved energy access, from 2029 and onwards.
 - The company must have a clear and robust business plan focusing on further development and promotion of its innovation. Innovative business models that have a potential for scale-up are encouraged.
 - The company must have good communication capacity and a professional website (which may be linked to the international website: www.climatesolver.org).

The company should be registered in India.

- Obligations**
- Accept and facilitate the evaluation carried out by WWF- India and the expert panel, to assess the potential of carbon emissions reduction and/or improved energy access of its technology in the global market.
 - Be willing to share experience with others including the participants of Climate Solver and attend at least one of the public activities organized by WWF - India each year.
 - Agree to follow the branding and promotion rules of WWF.

Launch of Climate Solver	All**
Call for nominations	WWF-India
Introduction to companies	Climate Solver Partners
Regional networking events*	WWF-India
Nominations submitted	Climate Solver Partners
Initial screening and selection	WWF-India
Calculation of potential for CO ₂ reduction/ enhanced energy access	WWF (with external technical support)
Final selection of Climate Solvers	WWF-India, Expert Panel
Agreement with Climate Solver companies	WWF-India
Develop communication material/tools (Films, Factsheets, Newsletters, Email updates, Webpage, Hub)	All
Provide business development support and facilitate linkages to financial opportunities to select SMEs (awardees/applicants)*	WWF-India with third party support
Promotion of Climate Solvers	All

*Subject to resource availability

HOW TO BECOME A WWF CLIMATE SOLVER?

Nominations should be submitted in the form of a brief business plan for selection by WWF-India and the expert panel.

The application can be filled online on <https://climatesolverhub.wwfindia.org/sme-registration/>. In case you wish to submit the application by hard copy or email, please use the format given below.

1. Company Details

Section-A

- Name and profile of the company, Legal status (Private limited/Public limited/ Limited Liability partnership/Partnership firm/Proprietary firm), Year of registration
- Climate Solver Category (GHG Reduction/Energy Access)
- Total number of employees and Company logo

Section-B

- Details of 1-2 key senior management with designation, communication address, email id and mobile number
- Details of contact person for this business plan nomination (in case the contact details are different from the above)

2. Innovation Details

Section-A

- Name and brief description of the Climate Solver Innovation (less than 150 words)

Section-B

- Area of innovation (Energy efficiency/Energy savings, Energy access, Smart grid, Renewable energy, Waste management, Others)
- Innovation development status (R&D stage/Prototype, Pilot stage, Post-pilot stage/market entry, Expansion, others)
- Detailed Description of innovation (Provide detailed description of the innovation, the problem that it addresses and its performance based on indicators such as energy efficiency, use of renewable energy, reduction or elimination of emissions etc., that can be verified by a third party)
- GHG reduction or Energy access potential (Mention the current achievements and the future potential for GHG reduction/enhancing energy access)
- Co-benefits of the innovation (Describe the other co-benefits: environmental, health & social, associated with the innovative technology)
- Target market & beneficiaries (Describe the company's target market space in terms of customer segmentation and/or geography and provide details of the intended beneficiaries of the technology/energy solution)
- Future expansion plans (Provide a brief plan of future technology development, promotion and diffusion)
- Business model scaling up (Provide a description of business model for scale up)
- Business challenges (Mention the current and future challenges)

3. Finance and Investment related information of the company

- Financial stage of the company (Bootstrapped/Seed capital/Angel investor funding/Venture capital financing- Series A, B, C/IPO/Others)
- Revenue model of the company (Describe the company's revenue model)
- Total investment raised till date (Details on the size of the investment raised and the name of the organizations/fund(s) that the capital has been sourced from)
- Growth plans (Mention the company's plans for funding future development, growth, promotion and diffusion and the type & sources of investment sought)



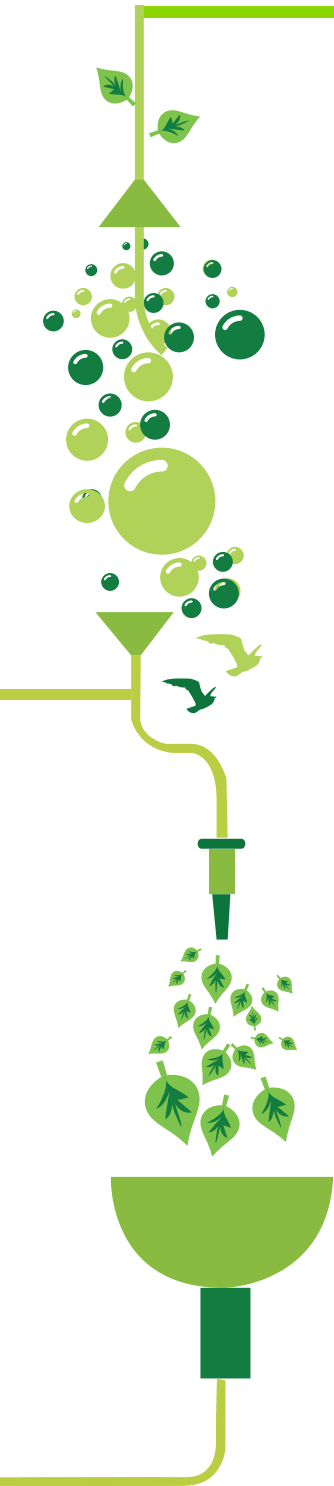
THE FUTURE OF THE CLIMATE SOLVER

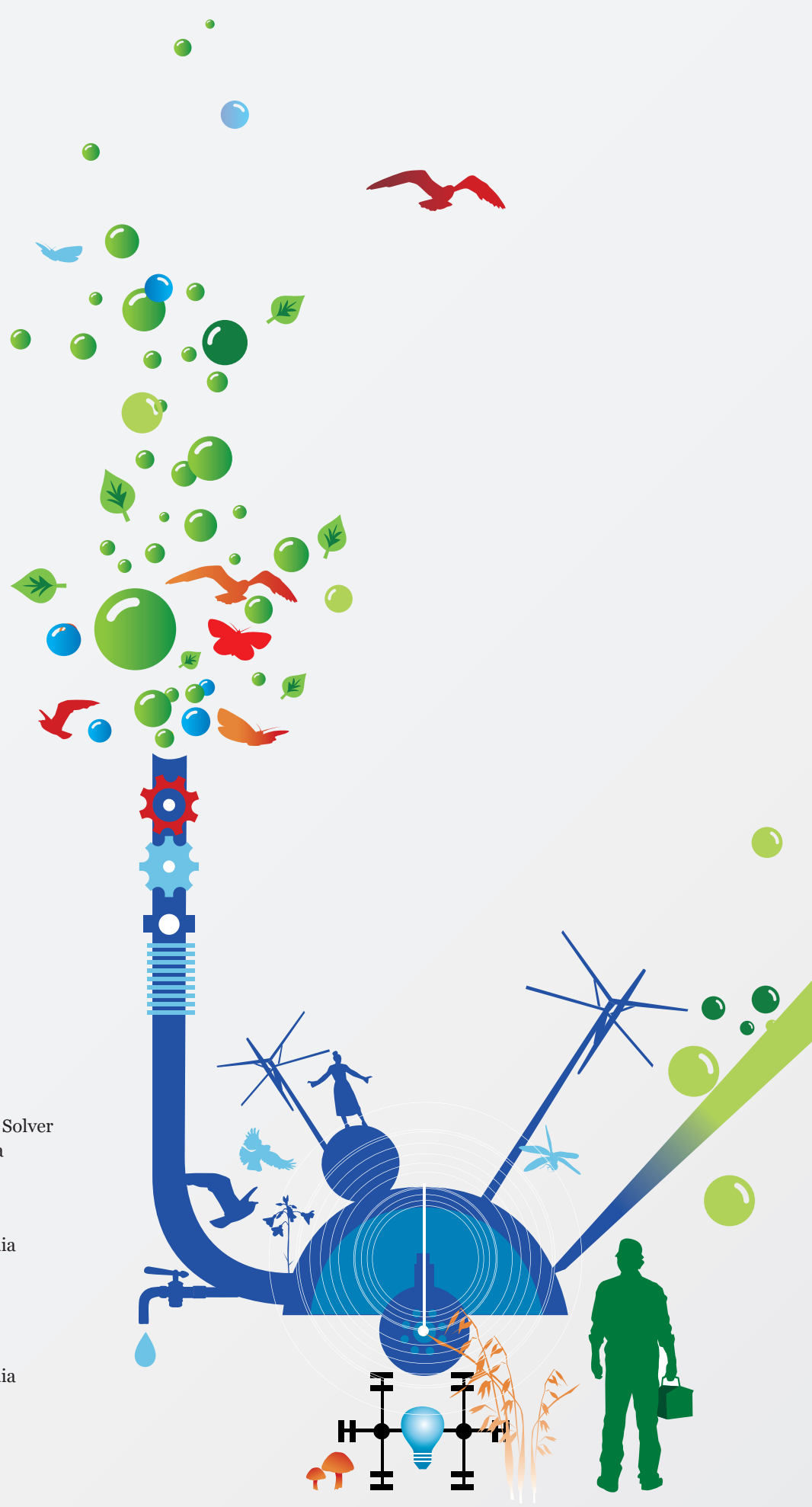
Climate Solver is one of the important projects of WWF in the field of low carbon innovation. It was launched by WWF - Sweden in 2008, globally in 2011, as a platform to encourage and support low carbon innovative technologies that contribute towards mitigating climate change. In India, Climate Solver was launched in 2012, and in the last seven years, twenty two companies have been awarded (seven in the energy access category and fifteen in the GHG reduction category).



Climate Solver seeks to provide relevant and continuous support through the network and resources of WWF and beyond, making the platform one of the best and most influential in India.

In the future, Climate Solver will enhance its outreach as an international low carbon platform, by displaying the best technologies worldwide. The project aims to facilitate an enabling policy and financial environment for developing, transferring and diffusing innovative technologies.





CONTACT

For more information about Climate Solver and how to partner with WWF-India

Mr Ashwin Jacob

Manager
Climate Change & Energy, WWF-India
ajacob@wwfindia.net

Ms Sakshi Gaur

Assistant Manager-Communications
Climate Change & Energy, WWF-India
sgaur@wwfindia.net

www.climatesolver.org