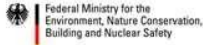


Supported by:



based on a decision of the German Bundestag



Solar
Payback



January 2017

Press release

STFI and IGCC jointly implement three-year support project for solar process heat

Solar Payback launch in India

The Solar Thermal Federation of India (STFI) and the Indo-German Chamber of Commerce (IGCC) have teamed up for the international ‘Solar Payback’ project, which aims to increase the use of solar thermal energy in industrial processes. The Kick-Off Meeting took place in Mumbai on 16 December 2016.

Supported by the German Federal Environment Ministry funded by the International Climate Initiative, the three-year project will be implemented in India, South Africa, Mexico and Brazil. It is coordinated by the German Solar Association BSW-Solar and eleven partner organisations: three German companies, plus each target country’s national solar industry association and German Chamber of Commerce.

Facilitators from Germany include research institute Fraunhofer ISE, the German Investment and Development Corporation (DEG) and communications and market research agency solrico. The project will be jointly implemented in India by Pune-based STFI and IGCC with its head office in Mumbai. It was launched in October 2016 and will end in September 2019. The budget for the four countries is EUR 2.96 million.

The use of solar heat for cleaning, steam production, bath heating and surface treatment in manufacturing is still a niche market in India and around the world. “With Solar Payback, we aim to raise awareness about the huge market potential of solar process heat for three reasons: to reduce CO₂ emissions, to save energy costs for the investors and to sharpen the competitive edge of local industries,” said Jörg Mayer, Managing Director of BSW-Solar.

India’s industrial companies, which are responsible for 38 % of the country’s total energy consumption, have installed a total of 40,000 m² of collector area for solar process heat so far. “The saving potential of solar heat technologies in the industry is enormous, and payback times are pleasingly low,” was how STFI Secretary General Jaideep Malaviya described the Indian market. “Solar Payback is likely to increase the confidence of industrial customers to supplement carbon-based fuels.” Suitable technologies for solar process heat are either flat plate collectors, concentrating dishes or vacuum tube collectors with CPC mirrors. Most systems based on these three technologies have been manufactured in the country, satisfying the current government’s Make in India strategy.

Solar Payback has so far focused on an in-depth analysis of market barriers and drivers by drafting a solar process heat roadmap and making policy recommendations. In addition, it intends to strengthen the industry by offering training for planners and raise awareness by organising an industry conference. The project partners will use a wide range of activities and communication tools to get in touch with the relevant stakeholders in politics, business and financing. Key activity targets include:

- Drafting a National Solar Process Heat Roadmap
- Developing a financing/business tool for planners and investors to offer preliminary analyses of solar process heat plants
- Developing policy recommendations for uptake of solar process heat at national level
- Organising train-the-trainer workshops on planning / designing solar process heat systems
- Implementing an online matchmaking network for investors and technology providers □
- Organising a local industry / stakeholder conference

This project is part of the International Climate Initiative (IKI). The Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) supports this initiative on the basis of a decision adopted by the German Bundestag. [IKI website](#)

With around 800 member companies, BSW-Solar is one of the largest lobbying organisations for solar electricity and solar heat in Germany. It is headquartered in Berlin. [BSW website](#)

Solar Thermal Federation of India (STFI) founded in 2010 is the voice of solar thermal industry in India comprising of country's solar thermal manufacturers that constitute 80% of the market. <http://www.stfi.org.in>

The Indo-German Chamber of Commerce (IGCC/AHK Indien) promotes Indo-German Economic Cooperation since 1956. With six offices in India, a representation in Germany and more than 6,000 member companies IGCC is the largest bi-national chamber in India. <http://indien.ahk.de/>

Websites of other partners:

Fraunhofer ISE: https://www.ise.fraunhofer.de/en?set_language=en

DEG: <https://www.deginvest.de/International-financing/DEG/>

Solrico: <http://www.solrico.com>

For more information, please write to

Solar Thermal Federation of India (STFI), Jaideep Malaviya, Secretary General, solarpayback@stfi.org.in

Indo-German Chamber of Commerce (IGCC), Head Office Mumbai, Achim Rodewald, Advisor

– Sustainability and Business Responsibility in Industries, rodewald@indo-german.com

BSW-Solar, Wibke Korf, Project Coordinator, korf@bsw-solar.de

