



© GIZ / Dirk Ostermeier

**GERMAN GOVERNMENT AND
FEDERAL STATES PROGRAMME**
BUND-LÄNDER-PROGRAMM (BLP)



Federal state – partner country
Hesse – India

Title
Training on Solar Energy

In cooperation with the GIZ programme
Indo-German Programme
for Vocational Education and Training

Financing arrangements
BMZ contribution € 353,239
Hesse contribution € 235,509

Duration
01.04.2020 – 30.06.2022

Responsible ministry
Hessian Ministry of Economics, Energy,
Transport and Housing

This project helps to achieve the following
Sustainable Development Goals (SDGs):



Solar panels on the roofs of an ashram

Capacity Development for Indian Technical Vocational Education and Training Professionals in the Field of Solar Energy

Local situation

In terms of its total population, India's workforce will be the largest in the world by 2025. How the nation develops will depend on its ability to train the specialists required to meet the demands of a burgeoning industrial powerhouse. The Indian vocational training system currently has neither the capacity nor the expertise required to produce a sufficient number of experts with the requisite levels of education or training. To address this situation, India would like to adopt aspects of the German vocational training system.

Cooperation arrangements

The importance of having an efficient pool of experts was recognised as part of the fifth Indo-German intergovernmental consultations, which were held on 1 November 2019 in New Delhi. The intention is to develop such a pool and, in so doing, create sustainable livelihoods and opportunities for young peo-

“As part of the Indian Government’s Ministry of Skill Development and Entrepreneurship (MSDE), the Directorate General of Training (DGT) is delighted to have the opportunity to work with GIZ in the context of the BLP programme. We are looking forward to the training that our master trainers and heads of Industrial Training Institutions (ITIs) will receive in order to improve the quality of training in the solar sector. We hope that the BLP [German Government and Federal States Programme] project will enrich our employees’ (trainers’) experience with international best practice to help strengthen the quality of training on solar energy in our ITIs.”

Sanjay Kumar, ISDS
 Director, ISDS (Project & International Cooperation),
 DGT and MSDE, New Delhi



Digital training formats in India

ple. The Indo-German Programme for Vocational Education and Training – funded by the Federal Ministry for Economic Cooperation and Development (BMZ) – supports Indian partners in developing and improving opportunities for cooperative, company-based vocational education and training.

In the Hessian State Office for Technology Training (HLFT), the State of Hesse maintains an institution that is well-versed in training vocational schoolteachers from developing countries and emerging economies. The Institute specialises in renewable energy and has amassed a wealth of experience in the fields of resource and energy efficiency.

What we are doing – and how

Vocational schoolteachers, instructors, and actors at the administrative and decision-making level in the Indian TVET system will receive training on photovoltaic technology. The courses are designed not only to reinforce participants’ theory-based skills, but also, crucially, to provide access to practical experience, while giving insights into the dual vocational training system in Germany.

The training for vocational school teachers is conducted in two phases: the first phase is delivered in a blended learning format in India, with the second phase consisting of a four-week in-person training programme hosted by HLFT in Groß-Gerau, Hesse. Technical and teaching skills are delivered through a combination of action-oriented lessons and subject-specific teaching methods.

Indian experts gain hands-on experience of the German dual vocational training system during a two-week training

course on school management; they also gain insight into the cooperation between school and business as places of learning, and the integral role that companies play in the training and education process as a result.

Useful links

- Hessische Landesstelle für Technologiefortbildung (Hessian State Office for Technology Training): www.hlft.hessen.de
- Vocational training in development cooperation: https://www.bmz.de/de/themen/bildung/berufliche_bildung/index.html (in German)
<https://www.bmz.de/en/development-policy>
- The State of Hesse’s guidelines for development cooperation: https://wirtschaft.hessen.de/sites/default/files/media/hmwvl/broschuere_entwicklungspolitische_leitlinien_digital_hmweww_2019.pdf (in German)
- More information on the programme: <https://www.giz.de/en/worldwide/91262.html>
<https://www.giz.de/en/worldwide/34949.html>
<https://bund-laender-programm.de/en>
- TC programme Indo-German Programme for Vocational Education and Training: <https://www.giz.de/en/worldwide/62831.html>

Published by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
 Registered offices: Bonn and Eschborn | Germany
 German Government and Federal States Programme (BLP): An der Alster 62 | 20099 Hamburg | Germany
blp@giz.de | www.bund-laender-programm.de/en
 Editors Dieter Anders (legally responsible for content), Gabriele Kohlsch, Jelena Fleischmann
 Design kipconcept gmbh, Bonn | Germany

On behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ)
 Division 513: Federal states, local authorities
 Address of BMZ offices
 BMZ Bonn
 Dahlmannstr. 4
 53113 Bonn | Germany
 T +49 (0)228 99 535 0
poststelle@bmz.bund.de | www.bmz.de/en
 BMZ Berlin | Im Europahaus
 Stresemannstr. 94
 10963 Berlin | Germany
 T +49 (0)30 18 535 0

GIZ is responsible for the content of this publication.