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

Useful links

- Hessische Landesstelle für Technologiefortbildung (Hessian State Office for Technology Training): www.hlft.hessen.de

What we are doing – and how

Vocational school teachers, 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.

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