

June 01-09, 2019, Germany



Background and Objective of the Study Tour and Workshop

Background

“Skill India” is a national mission initiated by the Government of India with the objective to rapidly implement and scale up skill development efforts across India. The target is to provide the institutional capacity to train a minimum of 300 million skilled people by the year 2022, improving the access to high quality formal vocational training.

GIZ is working under the Indo-German Solar Partnership project on concepts to increase the deployment of Renewable Energy Capacity in which one vertical is vocational education and training (VET). Addressing the skilled workforce development is a vital prerequisite to ensure the effectiveness of the project. To assure the expansion of a skilled workforce in the energy sector, adequate training is crucial.

The training needs to encompass practical qualifications like installation, operation and maintenance of technical components, but also qualifications in related fields of work. To encourage the integration of sustainable concepts in the industrial sector for instance, training concepts must integrate efficient corporate energy management. Since India is not only facing upscaling of solar power capacity but also the transition from combustion engine-based to electric mobility, competencies in the creation and management of charging infrastructure and its integration into the power grid need to be included in training and upskilling curricula.

Objective

Under the aforementioned project, GIZ has conceptualized the Skill Development and Dual VET Tour – an active study tour involving multiple stakeholders such as a vocational training center, industry associations in the skilled crafts, an electric vehicle charging infrastructure manufacturer and an electricity distribution utility adopting charging infrastructure, among others. The aim is to facilitate knowledge exchange on cross-cutting topics of vocational training in the electrician trade combined with sustainable energy management and e-mobility amongst the people at the forefront of the transformation of the energy system and transport in India and Germany.

Date and location	Activity
01.06.2019, Saturday Berlin	Travel from India-Germany (Berlin) Evening -Welcoming of participants followed by a Welcome dinner
02.06.2019, Sunday Berlin	Culture Day – GIZ will suggest list with activities and organize a historic tour - Guided Tour in Berlin
03.06.2019, Monday Berlin	<p>A) EUREF Campus</p> <ul style="list-style-type: none"> • The 55,000-square-meter EUREF-Campus – a smart urban district and pilot project for the transition to sustainable energy and networked mobility. • An innovative research center that works with the TU Berlin to provide practice-oriented programs of study. • Start-up and incubation scene for RE • https://euref.de/en/home_en/ <p>B) RENAC - Renewable Energy Academy</p> <ul style="list-style-type: none"> • Renewable Energy Education • Integration of RE into the grid (Education and Courses) • Energy through education • Green Banking and Utility program for India • Site visit large Grout Mount power plant with Battery backup • http://www.renac.de/en/home.html
04.06.2019, Tuesday Berlin	<p>A) DENA – German Energy Agency</p> <ul style="list-style-type: none"> • DENA works on topics such as energy efficiency, renewable energy sources and intelligent energy systems. • Dena's projects aim to promote economic growth while reducing energy consumption. • The agency publishes information on buildings, mobility, grids and power storage. • It sees itself as an interface between politics and business. • www.dena.de <p>B) Abado EnMS- Energy Management System</p> <ul style="list-style-type: none"> • A specialized consulting and service company for energy efficiency • They support companies in reducing their energy costs • They use technical measures to increase energy efficiency as well as the introduction of an energy management system • http://www.abado-energiemanagement.de
05.06.2019, Wednesday Berlin	<p>A) German Confederation of Skilled Crafts (ZDH)</p> <ul style="list-style-type: none"> • The ZDH represents the interests of 1 million craft enterprises in Germany with more than 5.4 million employees, around 360,000 apprentices and an annual turnover of over 560 billion euros. • Based in the "House of German Crafts" in Berlin, the ZDH bundles the work of 53 craft chambers, 49 craft trade associations on federal level as well as important economic and other institutions of the craft industry in Germany. • The ZDH serves the unified decision-making in all fundamental issues of craft policy and represents the overall interests of the craft trade with the German Government and all other agencies. • https://www.zdh.de/en/

	<p>B) Federal Institute for Vocational Education and Training (BIBB)</p> <ul style="list-style-type: none"> Stimulates innovation in vocational education and training and promotes its implementation in practice conducts vocational training research, designs and implements programmes, develops initial and continuing vocational training regulations and advises on such https://www.bibb.de/en/index.php
06.06.2019, Thursday Berlin - Leipzig	<p>A) Stadtwerke Leipzig</p> <ul style="list-style-type: none"> Medium Size Utility managing the transformation from an old socialistic-centralistic power and distribution plant to the largest provider of electricity in the State of Saxony, Germany Power generation, distribution, load management and dissemination of renewable installation / generation Scheduling, balancing, energy forecasting Gas, district heating, solar generation, biomass https://www.l.de/stadtwerke <p>B) Leipzig Chamber of Commerce (IHK Leipzig)</p> <ul style="list-style-type: none"> IHK represents the overall interests of their member traders with regard to municipal authorities and regional governments, in politics and in public to promote commerce <p>https://www.leipzig.ihk.de/en</p>
07.06.2019, Friday Leipzig	<p>A) BMW Production Facility</p> <ul style="list-style-type: none"> A modern car manufacturing facility by BMW Visit of the Electric Vehicle production of BMW i3 and i8 https://www.bmwgroup-werke.com/leipzig/en.html <p>B) Erfurt Bildungszentrum (EBZ)</p> <ul style="list-style-type: none"> Provider for VET, continuing education, corporate trainings and consulting in the human resources development Electrician, metal and welding trades http://www.ebz-verbund.de <p>Stay in Erfurt: visit of Suncycle solar module testing facility</p>
08.06.2019, Saturday Leipzig - Berlin	<p>Guided Tour in Erfurt 800 year medieval town– Travel back to Berlin</p> <p>End of official program</p>
09.06.2019, Sunday Berlin	<p>Breakfast and Individual Departure from Germany (Berlin) for India</p>

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