

TRAIN OF TRAINERS RENEWABLE PTX BERLIN JANUARY 9-18, 2023

The **International PtX-Hub**

has made it one of its primary goals to set up a broad-based and effective **Human Capacity Development (HCD) concept on Renewable Power-to-X**. A modular basic training on Renewable PtX serves as the main component for the implementation of this measure. You can find more information about the basic training in the flyer. The contents of the basic training will be taught on a national level by local trainers. As a next step, the basic training will be gradually complemented by subject-specific add-on modules as well as additional innovative educational approaches for knowledge transfer and competence development such as more compact training formats and e-learning offerings.

In 2021 and 2022, more than 20 three-day trainings, including one day of interactive and country-specific transfer workshop, have been conducted in our partner countries as well as in Germany, e.g., with the relevant federal ministries and civil society. The training's aim is to inspire and empower the participants for the topic renewable PtX depending on their previous knowledge and qualifications, and to **convey the fundamental importance of renewable PtX for defossilisation in a national and global context**. In addition to technical and economic basics, the training focuses on **central sustainability dimensions according to the EESG framework** and certification systems as well as essential allocation concepts and development policy aspects.

Crucial for the success of the training measure is the close involvement of **experienced and competent trainers** from the relevant fields, such as renewable energies and/or renewable

H2/PtX, with energy technology and economic know-how, so that the experience gained can be effectively and efficiently incorporated and implemented in the training. Due to the high demand for the PtX trainings, **we consider ourselves fortunate to be able to count on your support and willingness to become a renewable PtX trainer** for regional focal points in our partner countries. Upon completion of the renewable PtX trainer programme, you will be able to effectively support the PtX Hub in the delivery of the trainings and in the conduction as well as facilitation of workshops and other exchange formats on renewable PtX. **An international PtX Trainer network** for sharing, learning, and teaching experiences will be established to continuously support your work.

We look forward to welcoming you to our second international Train-of-Trainers event **in Berlin from January 8-18, 2023**. In addition to deepening the knowledge on renewable PtX, we will have sessions on methodological-didactical aspects, in-depth practice phases as well as inputs from experts and an excursion to a renewable PtX facility that will deepen the understanding of the topic for all of us.

Draft agenda

January 9-18, 2023

After introducing the PtX Hub and the GIZ as an organisation, the first three days of the training will focus on **strengthening and contextualising the content** of the training and the individual modules. The **didactical input** of the fourth day will be followed by four days of **in-depth practice** to prepare participants to plan and conduct trainings. In

addition to the training material, **excursions** and **expert inputs** will further foster a deeper understanding of the topic of sustainable PtX.

Each day will have time for a **short introduction round** during which two participants each day will have the opportunity to introduce themselves and their projects.

Day 1

- Official welcoming and intro round
- Introduction PtX Hub and its mission
- Self-Study of provided materials (Videos, manual, studies, etc)

Day 2

- Embedding of the training in the energy policy and economy sectors of the GIZ
- Key messages of training modules 1-5

Day 3

- Key messages of training modules 6-7
- Discussion of module contents

Day 4

- Didactic input and introduction to basics and challenges of adult learning

Day 5-8: Practice Phase

- Application exercises with feedback
- Participant presentations
- Discussion of module contents
- Elaboration of country-specific content and training concept
- Excursion (either 2x half-day or 1x whole day)
- Expert Input based on Module contents
- Open discussion rounds

Profile of Applicants

High enthusiasm for renewable PtX and high motivation to share enthusiasm and knowledge as well as willingness to invest time in preparation, follow-up and implementation of trainings required.

Education

- Master/Diploma or equivalent in electrical/ mechanical engineering, (renewable) energies, energy planning, environmental or social studies, international business/economics or equivalent
- Language: **English** as well as **national language(s)** required. French, Spanish, Portuguese, or other languages of international cooperation desirable

Professional experience

Besides general knowledge on PtX, green hydrogen and/or other derivatives:

Specific work experience

- Several years of substantial project experience in the energy sector in developing countries
- Experience in cooperation with and consultation of potential target groups of the PtX training such as ministries, regulatory authorities etc. in relevant thematic areas desirable

Travelling: Currently, trainings are primarily held virtually, optional business trips may occur upon agreement.