



International Hydrogen Ramp-Up Program (H2-Uppp)

Introducing H2-Uppp:



The H2-Uppp programme accompanies and supports efforts to ramp up the market for green hydrogen (H₂) and power to X (PtX) applications in selected developing countries and emerging economies in cooperation with the private sector.

Unlike other hydrogen support initiatives, H2-Uppp focuses on the early stages of green hydrogen project development. The programme has been commissioned by the German Federal Ministry for Economic Affairs and Climate Action.

What is our objective?



H2-Uppp aims to identify, prepare and accompany the implementation of projects for the production and use of green hydrogen and power-to-X application, and to raise awareness and promote knowledge transfer for the development of projects relating to green hydrogen. Together with our partner countries, this approach will enable us to identify cost-effective production paths and uses, pinpoint project opportunities along the value chain and develop business models.

How does H2-Uppp work?



To achieve the programme objectives, H2-Uppp focuses on three fields of action:

In field of action 1 (Networking & Project Scouting), H2-Uppp supports companies in identifying project ideas and building networks, for example with project partners or potential off-takers. Partners from the private and financial sectors are also offered training on green hydrogen, and public-private dialogue is strengthened through conferences and trade fairs.

In field of action 2 (PPP – Public-Private Partnerships), H2-Uppp works with private companies to jointly implement pilot projects in the field of green hydrogen and power-to-X. Formal public-private-partnerships (PPPs) are set up for this purpose (see following section).

In field of action 3 (Know-How and Capacity Development), H2-Uppp accompanies the various project ideas with in-depth studies and technical trainings. Through specialist conferences, the activities of local institutions are further strengthened and joint measures are developed to ensure a successful market launch.

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In which countries are we active?



H2-Uppp is currently being implemented in the following **focus countries**:

- **Mexico**
- **Brazil**
- **Chile**
- **Morocco**
- **Algeria**
- **Tunisia**
- **Egypt**
- **South Africa**
- **India**
- **Thailand**
- **(Ukraine)**

Projects can also be planned in the following extended target countries:

- **Colombia**
- **Argentina**
- **Uruguay**
- **Nigeria**
- **Namibia**
- **Turkey**

How does PPP support work?



What support is provided?

Support is provided for PPPs along the entire hydrogen value chain (production, storage, conversion, transportation and usage)

It is important that the PPP project focuses on **public-benefit activities** and contributes to the promotion of sustainable development in the project country. The measures and corresponding activities must first and foremost aim to have a positive impact on society and the environment in the project country. The content and results of projects must also be published. No grants are issued for investments that are to remain the property of the private sector partner.

Criteria for PPP support

- Companies must contribute at least 50% of the volume of the PPP project
- Minimum volume of public contribution: EUR 100,000; minimum volume of overall PPP measure: EUR 200,000
- Compliance with sustainability standards during project, based on a checklist

PPP application

- You can submit an application with your PPP ideas at any point during the programme term.
- The partnership can take the form of a contract for either services or cooperation with GIZ.
- For more information on H2-Uppp, on support opportunities or to receive the PPP application form, please contact H2Uppp@giz.de.

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