



International Hydrogen Ramp-Up Programme (H2Uppp)

Introducing H2Uppp

The H2Uppp funding programme of the Federal Ministry for Economic Affairs and Climate Action accompanies and supports the market ramp-up of green hydrogen (H₂) and Power-to-X (PtX) applications in selected developing and emerging countries.

H2Uppp, unlike other hydrogen funding initiatives, therefore targets the early phase of green hydrogen project development. The Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) was commissioned to implement the funding programme.

What is our goal?

The aim of H2Uppp is both to identify, prepare and accompany the implementation of projects for the production and use of green hydrogen and Power-to-X applications, and to raise awareness and transfer knowledge for project development around the topic of green hydrogen. In this way, economic production and use paths can be identified together with the partner countries, project opportunities along the value chain can be identified and business models can be developed.

How does H2Uppp work?

For the implementation of the goals, H2Uppp operates in three separate fields of action:

In field of action 1 (Project Identification), H2Uppp supports companies in identifying project ideas and building networks, for example with project partners or potential off-takers. In addition, project partners from the private and financial sectors are provided with training on the topic of green hydrogen and the private-public dialogue is strengthened at specialist conferences and trade fairs.

In field of action 2 (PPP – Public-Private Cooperation Projects), H2Uppp works together with private companies to support projects in the field of green hydrogen / Power-to-X in the early stage of project development. For this purpose, a formalized partnership is entered into within the framework of a PPP (see following section).

In field of action 3 (Project Support) H2Uppp supports the various project ideas through in-depth studies and technical training. The activities of the local institutions are further strengthened within the framework of expert conferences and joint measures are developed for a successful market launch.

In which countries do we operate?

H2Uppp is currently active in the following countries:

- Colombia
- Chile (Hub)
- Brazil
- Morocco
- Algeria
- Egypt
- Namibia
- South Africa
- India
- Thailand (Hub)



How does PPP funding provided?

What is promoted? PPPs along the entire hydrogen value chain (production, storage, conversion, transport and use) are promoted.

It is important that the PPP project has a **non-profit purpose** and contributes to the promotion of sustainable development in the project country. The measures and their activities must primarily aim to achieve a significant positive impact on society and the environment in the project country. In addition, the developed project contents and results must be published. No grants will be awarded for investments that remain in the ownership of the company.

PPP funding criteria

- Own participation of the companies in the PPP project amounting to at least 50%
- Minimum volume of public funding: 50,000 euros; minimum volume of the entire PPP measure: 100,000 euros
- Compliance with sustainability standards in the project

PPP application

- Interested companies are invited to discuss their ideas with the H2Uppp-team. Please contact **H2Uppp@giz.de**
- The joint partnership can take the form of either a service agreement or a cooperation contract with GIZ
- For more information on H2Uppp, the funding opportunities, deadlines for applications or to obtain the PPP application form, please check on [MatchMaker](#)

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