Federal Ministry
for Economic Affairs
and Energy

International Hydrogen Ramp-Up Programme (H2Uppp)

Introducing H2Uppp

The H2Uppp funding program of the Federal Ministry for Economic Affairs and Energy accompanies and supports the market ramp-up of green hydrogen (H2) and Power-to-X (PtX) applications in selected low- and middle-income countries. H2Uppp promotes the early phase of green hydrogen project development. The Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) has been commissioned to implement the funding program.

Our objectives

H2Uppp supports companies and initiatives in identifying and implementing promising projects for the production and use of green hydrogen and power-to-X applications. The program also promotes the transfer of knowledge for project development in the field of green hydrogen and raises awareness among decision-makers for corresponding market opportunities. In this way, economic production and utilization 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 H2Upp work?

H2Uppp operates in three separate fields of action to achieve its goals:

In **field of action 1 (project identification)**, the program mobilizes companies in Germany and countries of the Global South to enter the green hydrogen market and identifies cooperation projects and business models. H2Uppp also conducts market analyses and networks with project developers, technology providers and hydrogen customers.

In **field of action 2 (project development)**, H2Uppp works with private companies to jointly implement replicable projects in the field of green hydrogen / Power-to-X. For this purpose, formalized partnerships are entered into within the framework of PPPs, the feasibility of which is first examined in an ideas competition. (see following section).

In **field of action 3 (project support and trade)**, H2Uppp advises local partners in the target countries with high export potential and an interest in trading with Germany. Advice focuses on the further development of the market environment and the mitigation of regulatory, trade-related and socio-economic project risks.

In which countries do we operate?

H2Uppp is currently active in the following key countries:

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

PPP project partnerships can also be considered for other countries.

How does PPP funding work?

What is being funded?
PPPs along the entire hydrogen value chain (production, storage, conversion, transportation and use) are eligible for funding.

PPP projects must pursue a public-benefit purpose and contribute 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 project content and results must be published. No grants will be awarded for investments that remain the property of the company.

PPP - eligibility criteria

- Own participation of the companies in the PPP project of at least 50%
- Minimum volume of public funding: 50,000 EUR
- Minimum volume of the PPP measure: 100,000 EUR
- Compliance with sustainability standards in the project

PPP - application process

- Interested companies are invited to discuss their PPP ideas with the H2Uppp team. Please contact us at H2Uppp@giz.de
- The joint partnership can take the form of either a service agreement or a cooperation agreement with GIZ
- For more information on H2Uppp, the funding opportunities, submission deadlines or to obtain the PPP application form, please visit this website.

Imprint

Published by
Federal Ministry for Economic Affairs and Energy
Public Relations
11019 Berlin
www.bundeswirtschaftsministerium.de

As of
November 2025

This publication is only available as a download.

Design
peppermint werbung berlin GmbH,
10437 Berlin

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