

# H2 BRASIL

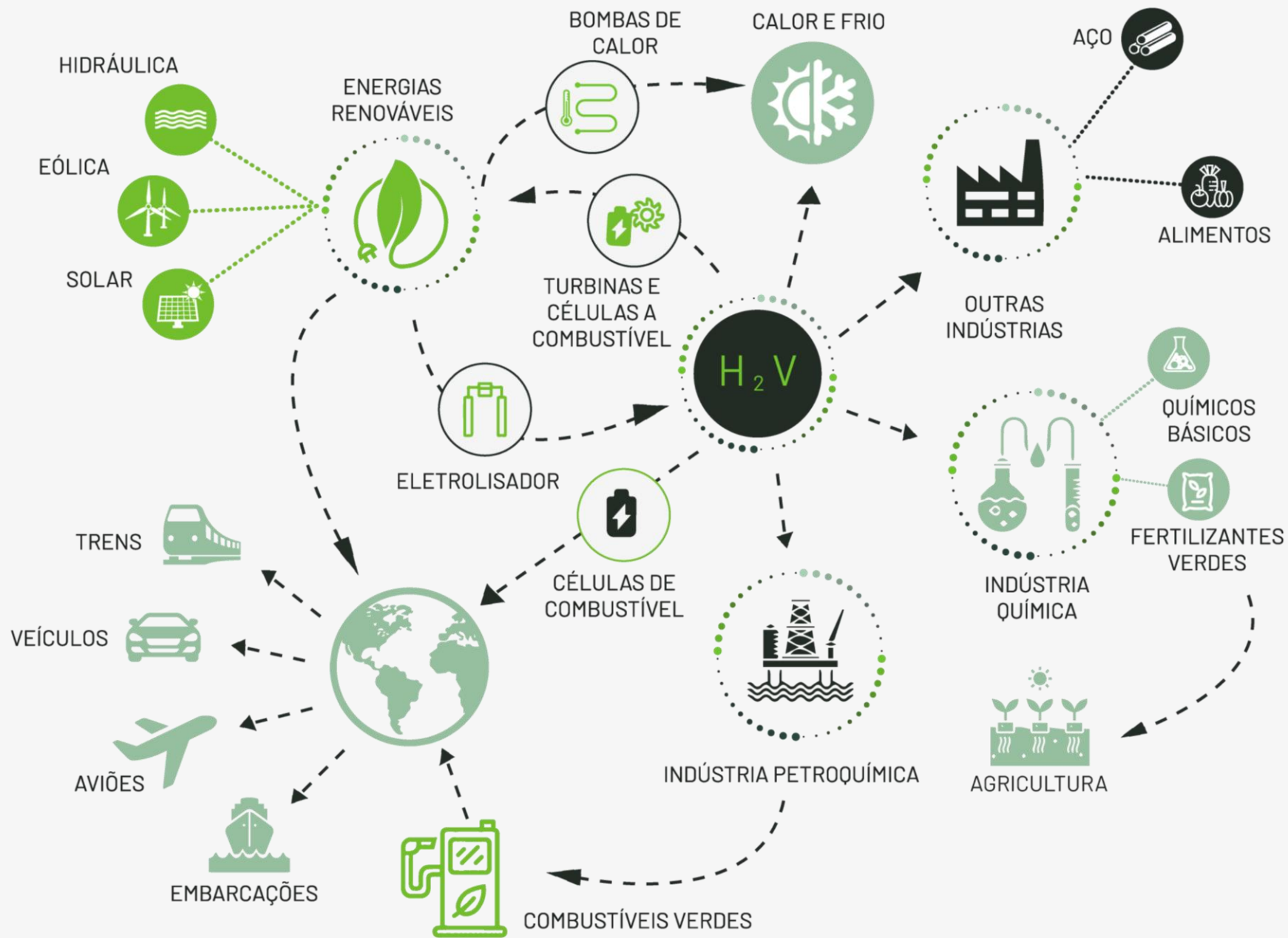


Por meio da:



MINISTÉRIO DE  
MINAS E ENERGIA





**H2BRASIL**

## The Project H2Brasil

### GIZ Project

H2 Brasil – Expansion of green Hydrogen  
September 2021 - December 2023

**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

**Financial volume** up to €34 million

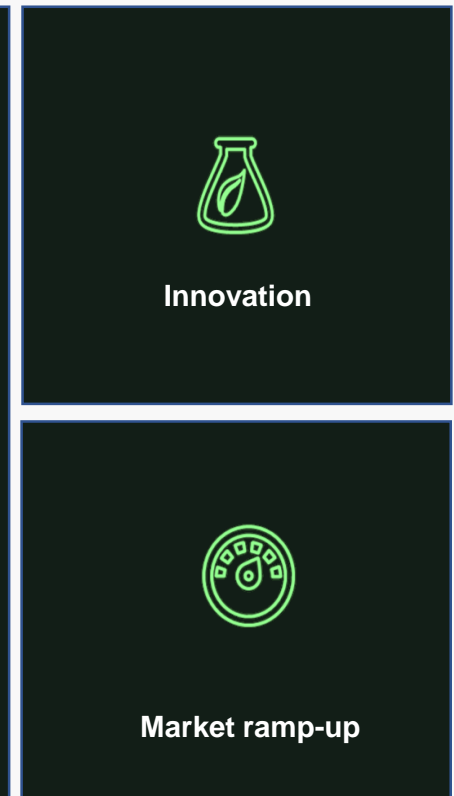
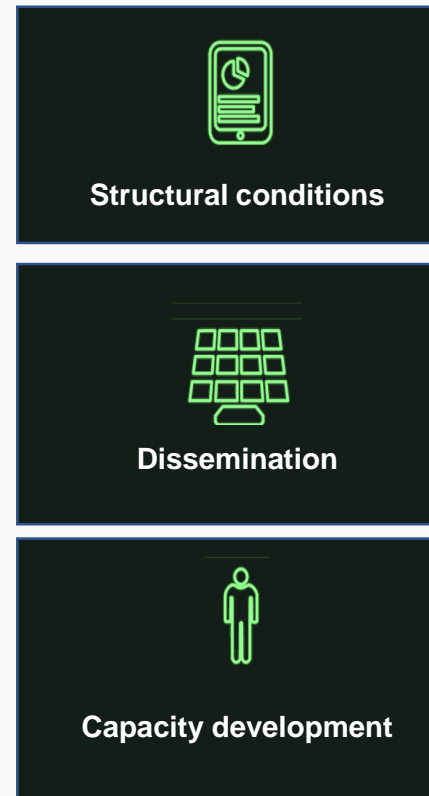
### Political Partner:

Ministry of Mines and Energy (MME)

MINISTÉRIO DE  
MINAS E ENERGIA



Market conditions



Market development

**Total volume of 34 million Euro**

# Project H2Brasil: *Outputs*

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## H2BRASIL

Improving the framework conditions for the development of a green hydrogen economy in Brazil



**1. Structural  
conditions**



**2. Dissemination**



**3. Capacity  
development**



**4. Innovation**



**5. Market ramp-up**

## Output 1: *Structural conditions*

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### Goal

Provide decision makers with a basis to establish measures on the development of a green hydrogen economy.

### Planned activities

- Development of energy planning scenarios, improvement of the regulatory framework, socio-environmental impacts and contributions to the international discussion on green H2/PtX
- Development of proposals for a green hydrogen certification system in Brazil

## Output 2: *Dissemination*

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### Goal

Creating a broad knowledge and information base

### Planned activities

- Events and media campaigns on green H2/PtX to raise awareness
- Conduct and disseminate studies showing the potential of green H2/PtX in Brasil
- Establishment of an online platform for knowledge management of green hydrogen

## Output 3: *Capacity Development*

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### Goal

Strengthening and preparing **human and technical capacities** of Brazilian professional education and higher education actors

### Planned activities

- Establishment of technical education laboratories and training centers (regional poles in the Northeast)
- Formation of a network of multipliers with Brazilian education specialists (MEC, Universities, Federal Institutes etc.)
- Partnership with a German University to exchange international experiences

## Output 4: *Innovation*

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### Goal

Strengthening the Brazilian innovation ecosystem in the area of green H<sub>2</sub>/PtX.

### Planned activities

- Fostering Research and Development in Brazilian universities
- Conducting innovation competitions, involving Brazilian research centers and start-ups



## Output 5: *Market ramp-up*

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### Goal

Economic feasibility and enhancement of a green hydrogen/PtX industry and applications.

### Planned activities

- Definition of application cluster for pilot projects along the H2/PtX value chain (e.g. supply of electrolytic installations to be used in the development of industrial applications)
- Development of a concept for a financing instrument for market expansion in Brazil (e.g. in cooperation with BNDES and/or KfW).

# H2 BRASIL



Q&A

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Vielen Dank für Ihre Aufmerksamkeit!