

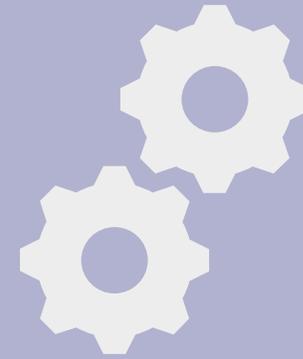
# Shaping the global energy transition.

H2Global | VBW: Wasserstoffauktionen — Ablauf und Beteiligungsmöglichkeiten

Emanuel Henrich, Head of Foundation Affairs | March 2024

# The H2Global Mechanism

Efficient promotion of the H2 market ramp-up



# H2Global's mechanism promotes timely and effective market ramp-up of clean technologies such as hydrogen

## Key elements

### Bridging



#### Creating business cases and investment security.

Shifting the timing of market creation by promoting the market ramp-up until a viable low-carbon market has developed.

### Defined System



#### Long-term purchase agreements over 10 years.

Clear definition of max. funding volume, products, geography and (sustainability) criteria by funding body.

### Cost of Difference



#### Financial compensation of Cost of Difference.

Set up of an intermediary — the **Hydrogen Intermediary Company**.



### Competition-based



#### Double-auction: Market-based bidding procedures on the supply and demand side.

Minimization of the price difference to be compensated by public funds.

# Competition-based auctions for the purchase and resale of clean hydrogen and its derivatives through the intermediary Hintco



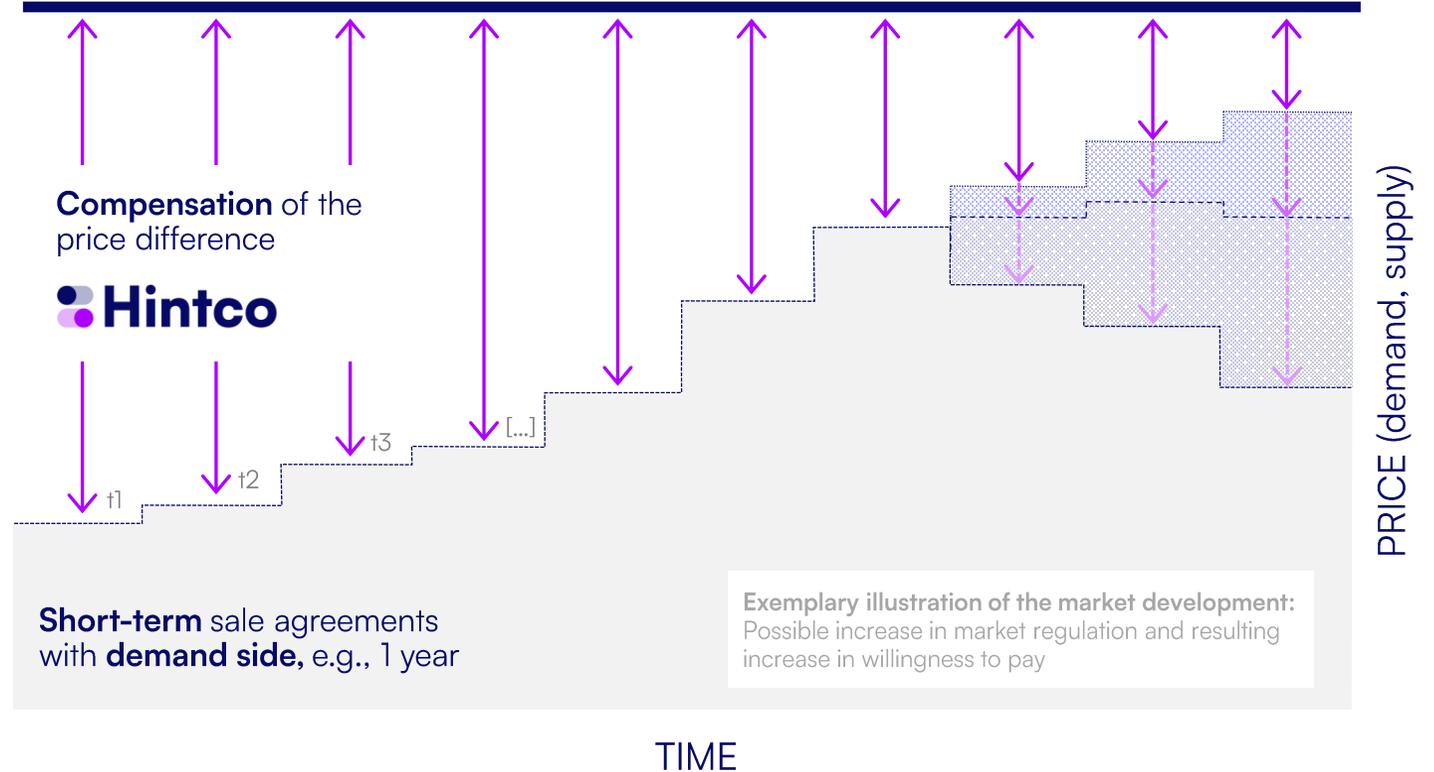
# The H2Global market-driven compensation mechanism ensures the most efficient use of funds for maximum impact

Core value of H2Global's auction design:

H2Global auctions uncover **supplier** and **offtake pricing** dynamics.

To create **liquidity** and support market development, **short-term** and **broad-based price signals** are **decisive**.

Long-term purchase agreement with **supply side**, multi-year fixed price and terms



# Design and Implementation of Funding Windows

Flexible and adaptable mechanism

# The H2Global mechanism is flexible and can be customized according to funders objectives

## Customized regarding:

- Geography (global, regions, countries)
- H2 product selection
- Product and sustainability criteria

## Adaptable to targets:

- Price optimization
- Promotion of green technologies
- Energy security
- Decarbonization of specific sectors
- Development policy

4 H2Global Funding Windows are currently in the works.

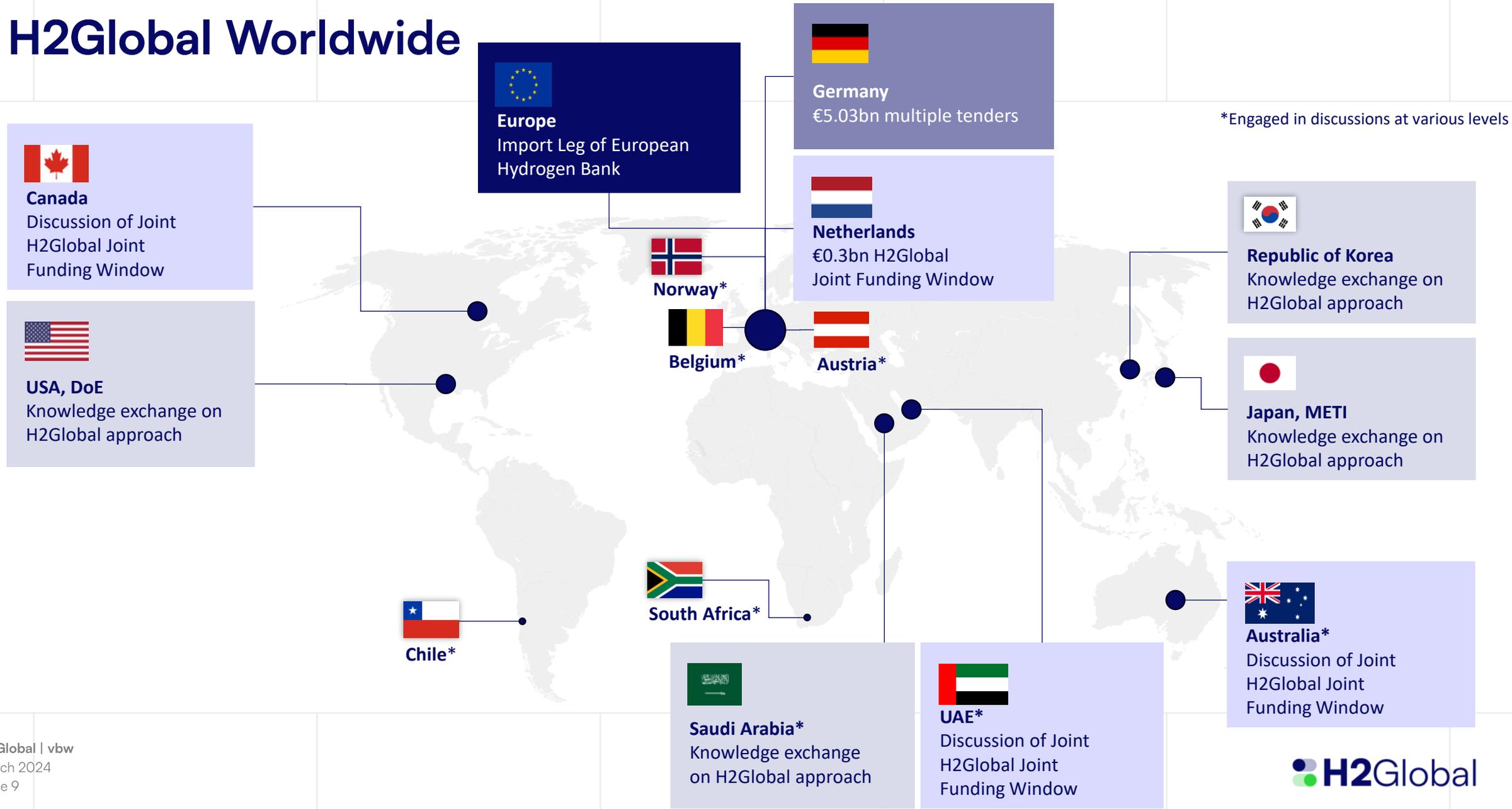
To date, **€5.03 billion** has been committed or earmarked\* for the H2Global funding mechanism.



# Structure for the Europeanisation of H2Global

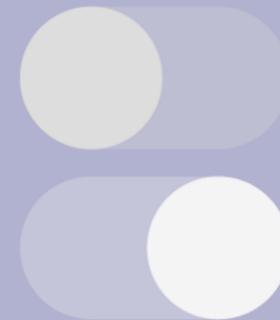


# H2Global Worldwide



# H2Global Foundation

Platform for research, coordination,  
implementation, and exchange

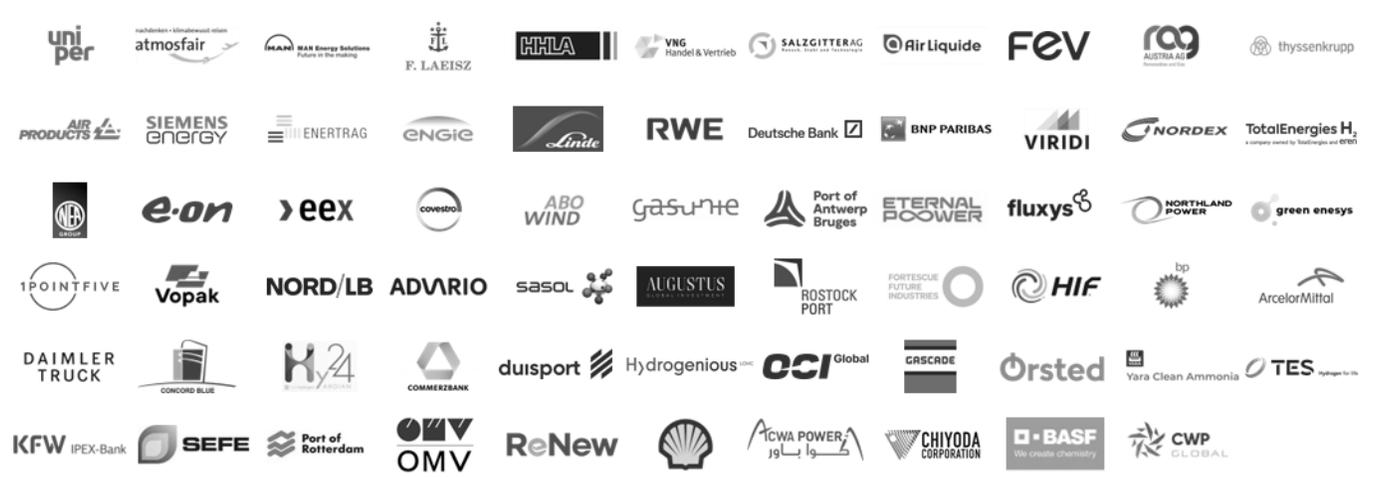


# A non-profit foundation with a for-profit intermediary is well suited for new market development

**H2Global Stiftung**

Research, instrument development & outreach

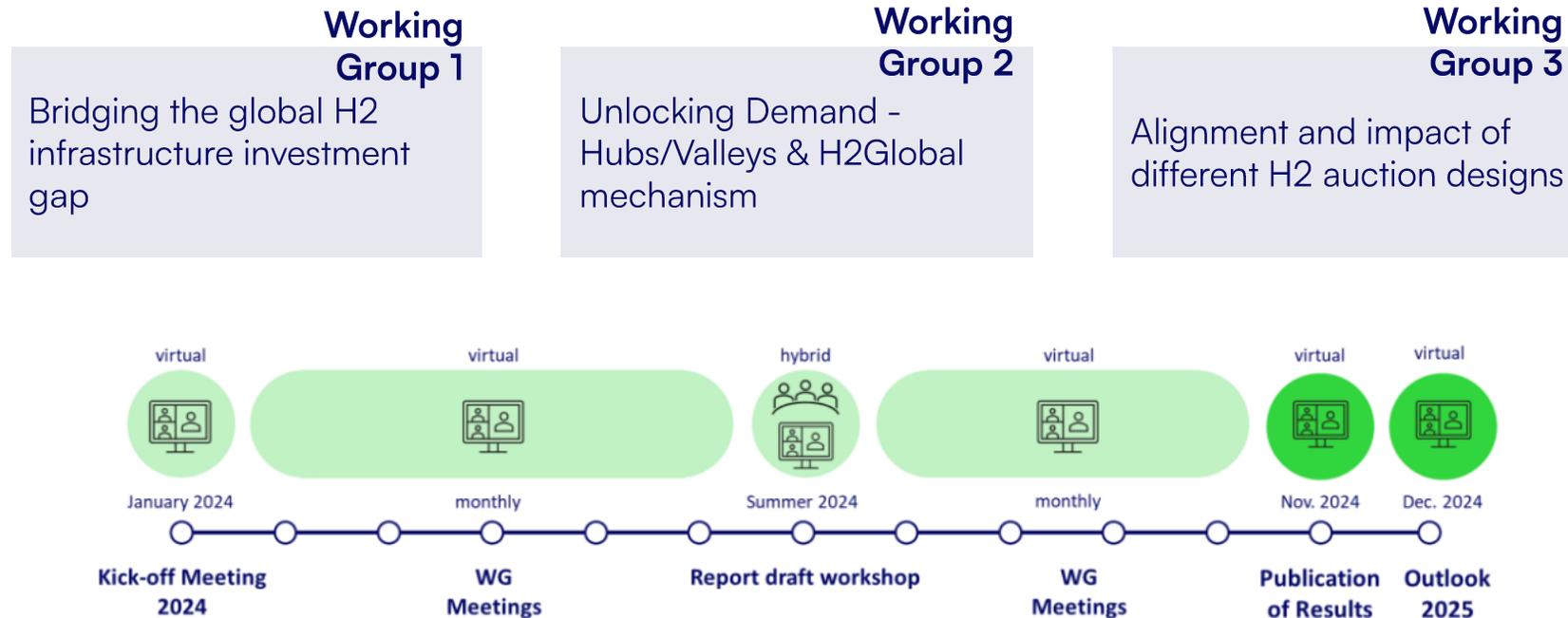
“Firewall” between donors engaged in the foundation and Hintco prevents conflict of interest



Donors from the private sector across Europe and the world



# Three working groups currently serve to advance the discussion on critical issues affecting clean H2 market ramp-up



**Accelerating hydrogen deployment requires action on multiple fronts. H2Global Foundation engages its donors to discuss important questions regarding the ramp-up of the hydrogen economy in its working groups.**



## Follow us on LinkedIn

@H2Global Foundation

@HINT.CO GmbH

Copyright ©2023 H2Global Stiftung. All rights reserved.

Disclaimer: This publication is for informational purposes only and does not constitute any warranty, guarantee, or liability for H2Global Stiftung, its subsidiaries, or affiliates.

The H2Global Stiftung, its subsidiaries and affiliates do not guarantee the actuality, accuracy and completeness of the information provided in this presentation and exclude any liability.



**Markus Exenberger**

**H2Global Stiftung  
Executive Director**

Trostbrücke 1  
20457 Hamburg  
+49 40 36197 500  
markus.exenberger@h2-global.org



**Susana Moreira, PhD**

**H2Global Stiftung  
Executive Director**

Trostbrücke 1  
20457 Hamburg  
+49 40 36197 500  
susana.moreira@h2-global.org



**Timo Bollerhey**

**HINT.CO GmbH  
Chief Executive Officer  
H2Global Lead Strategist**

Trostbrücke 1  
20457 Hamburg  
+49 40 36197 500  
timo.bollerhey@h2-global.org