

21 May 2021

# HYDROGEN EUROPE

WEBINAR – HYDROGEN CERTIFICATION

# HYDROGEN ACT

Towards the Creation of the European  
Hydrogen Economy



April 2021  
Hydrogen Europe

## Industry needs to ACT today for a liquid HYDROGEN market tomorrow

**5 Ts** – GOs must be **TRACKABLE**, **TRACEABLE**, **TRANSPARENT**, **TRADEABLE** and **TRUSTWORTHY**.

**H2 GOs are an essential instrument for h2 ramp up.**

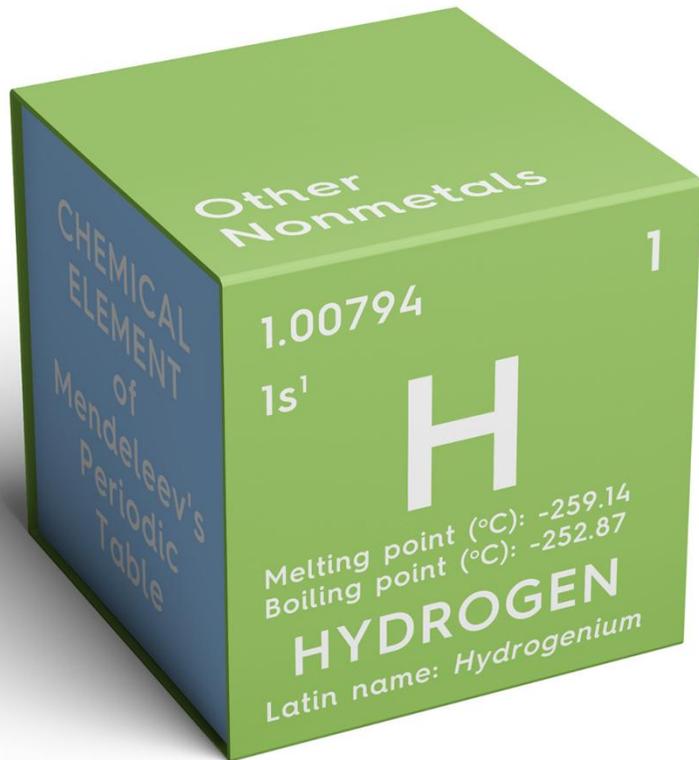
Hydrogen is a separate energy carrier with different chemical and physical properties to methane. A separation from hydrocarbon gas GOs is critical.

GOs must include (1) the **primary energy sources** and (2) the **GHG footprint**.

GOs need to **capture the attributes** resulting from different **production pathways**.

**International GO system** for h2 import and export.





# Industry needs to ACT today for a liquid HYDROGEN market tomorrow

---

The **CertifHy** project – starting point for a Europe-wide system of GOs with a distinct scheme for hydrogen.

- CertifHy Green Hydrogen
- CertifHy Low-carbon Hydrogen – *thresholds fit for purpose?*

**Carbon content** – the main “currency” of all energy carriers and vectors based on a lifecycle assessment.

**International governance for imports and exports of hydrogen** – a globally functional system of assessing the carbon content of the molecules and sustainability criteria.

**Thank you for  
your attention!**

HYDROGEN EUROPE SECRETARIAT

Avenue de la Toison d'Or 56-60  
BE-1060 Brussels

[secretariat@hydrogeneurope.eu](mailto:secretariat@hydrogeneurope.eu)

+32 (0) 2 540 87 75

[www.hydrogeneurope.eu](http://www.hydrogeneurope.eu)



**Hydrogen  
Europe**