



International Partnership
for Hydrogen and Fuel Cells
in the Economy

France Update

40th IPHE Steering Committee Meeting

4 – 5 October 2023

Washington DC, United States

Announcements / New Initiatives *France*

- **Revision of the French national decarbonized hydrogen strategy**
- **French Energy Climate Strategy under development**
- **DECARB IND+ call for projects launched in June, targets the decarbonisation of large-scale industry (hydrogen is included among other solutions such as direct electrification)**
- **4 bn€ support mechanism for renewable and low-carbon hydrogen. The decree of application published. First tender expected this year**

France – Profile October 2023

Status of Deployments

- ✓ Electrolysers: 13 MW
- ✓ FCEVs: 589
- ✓ FC Bus : 34
- ✓ Forklifts: 325
- ✓ Ships: 2
- ✓ Bikes: 300
- ✓ HRS: 62 for vehicles
9 for bikes

Leading Government Initiatives

- ✓ National Hydrogen Strategy under revision
- ✓ Important Project of Common European Interest
- ✓ Multi-annual Energy Plan (2019-2028)
- ✓ Decree of application introducing the provisions for the renewable and low-carbon hydrogen production support mechanism

Goals or Focus Areas

3 main priorities:

- 1/ Industry decarbonisation
- 2/ Clean H₂ for heavy duty transport applications
- 3/ Support Research, Innovation & know-how development for tomorrow's usages

Deployment Goals

By 2028
 Vehicles: 20,000 – 50,000 (under previous H₂ strategy)
 FC Bus and trucks: 800 - 2,000 (previous H₂ strategy)
 HRS: 400 - 1,000 (under previous H₂ strategy)
 20-40% of decarbonised H₂ (under previous H₂ strategy)
 6.5 GW of electrolysers by 2030, 10 GW by 2035

Funding

€9.1bn for 2021-2030

Thank you



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