



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Iceland Update

40th IPHE Steering Committee Meeting

4 – 5 October 2023

Washington DC, United States

Announcements / New Initiatives *Iceland*

• Investments/Funding/Policies/Initiatives

- Annual Energy Fund allocations, infrastructure and machinery, not H2 specific
- Incentives (grants) for zero emission vehicles, heavy transport now in the mix, not H2 specific
- H2 and e-fuel strategy under development

• Demonstration and/or Deployment Activities

- 1 electrolyser in operation at a geothermal power plant, 0.7MW capacity
- 30 FCEV's (passenger vehicles)
- 2 Hydrogen refuelling stations in operation, 4 new stations announced before end of 2025
- CCS – DAC station in operation, Carbfix plant in operation.

• Key Collaborations

- Nordic Hydrogen Partnership
- Nordic Hydrogen Valleys
- Nordic Roadmap for Sustainable Shipping

Examples of Lessons Learned and Impact *Iceland*

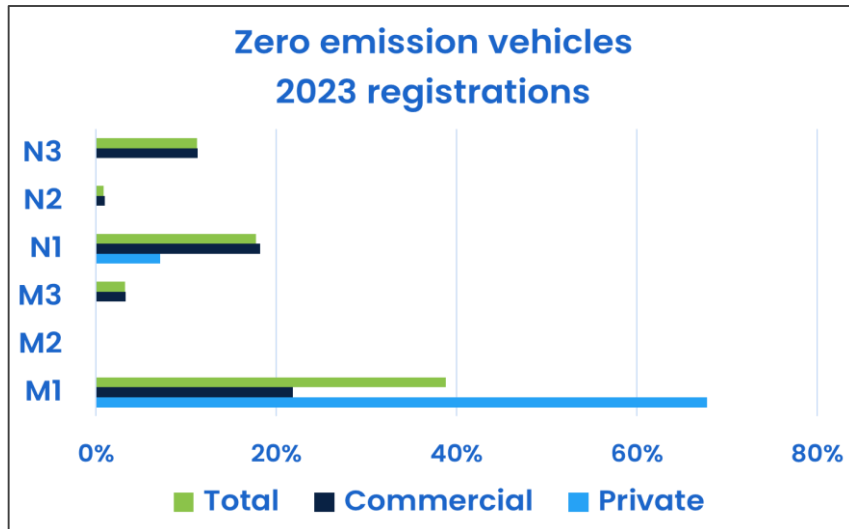
Please include up to 3 examples of policies, regulations or mandates that have been used in your country to deploy sustainable energy technologies. Please include a lesson learned for each example (i.e. if you had to do it all over again, what would you do different? Or what worked well?)

Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
VAT exemptions for Zero emission vehicles highly effective. Next year exemptions will change to grants pr. vehicle. More focus on heavy transport.	



Iceland – Profile October 2023

Status of Deployments



- 30 FCEV
- 2 Refuelling Stations
- 0.7MW Electrolyser
- CCS
 - Carbfix
 - DAC

Leading Government Initiatives

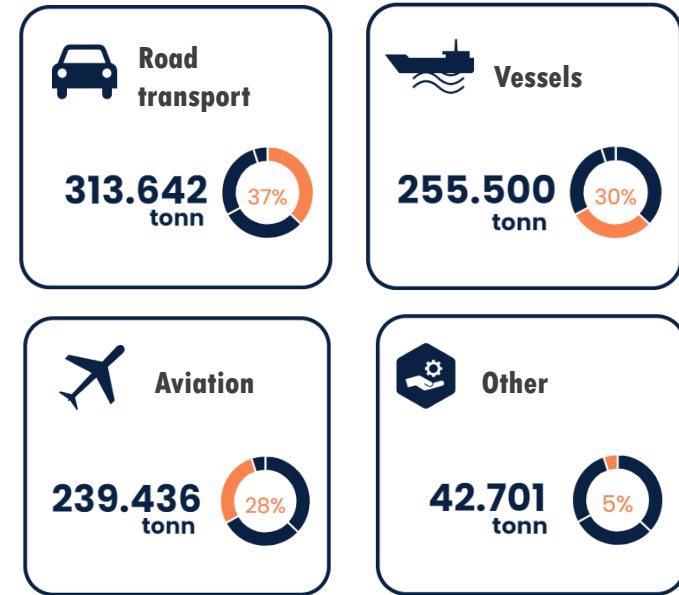
- Working groups on feasibility of SAF production
- Updating Climate Action Plan towards 55% CO2 reduction by 2030
- Energy Policy aims at independence from fossil fuels by 2050
 - Government agreement aims at 2040

Deployment Goals

- 2030 Renewable energy share goals
- 40% in road transport, 15% 2022
 - 10% marine activities, 0% 2022

Goals or Focus Areas

Fuel consumption 2022



Funding

Subsidies for Zero emission vehicles
2024: 55M USD
*(0,5% of government spending)

Thank you



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