

Towards 100% renewable fuels in Iceland

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Government of Iceland



- First policy measures towards hydrogen in 1998
- Aim:
 - Iceland an international platform for hydrogen research
 - Create the worlds first hydrogen/el-mobility economy
- Actions since 2000~:
 - Removed all taxes on H₂ vehicles
 - Supported project substantially
 - Was a founding member of the IPHE
 - Created a one of the first Roadmaps on H₂
 - Hydrogen technology promoted by government and President at all opportunities
 - Mayor of Reykjavik used an FCEV for an extensive period

2008

- Financial meltdown of Iceland
- Recovery under very difficult conditions

Elections in 2013 changed the party system and the political landscape

Government initiative

- In 2010 a public private initiative was established „Græna Orkan“ e. EcoEnergy
 - Currently 66 members
 - All key stakeholders regarding environmentally friendly transport in Iceland are members
 - Key tasks
 - to work on key topics such as:
 - Taxation, education, safety, policy measures,

Eco Energy - accomplishments

- Zero emission vehicles carry no taxes
- Environmentally friendly fuels carry no fuel tax - only VAT (25,5%)
 - Until 2020 or until >10% of the vehicle fleet is environmentally friendly
- Fuel sellers have to sell a certain % of environmentally friendly fuels
 - 3% from 2014
 - 5% from 2016

Funding

- Almost no funding available for demonstrations
 - Little funding has been available for Research
 - Total spending on R&D for hydrogen
 - ~ 0,3 M€
 - No increase foreseen until 2014
 - Total spending on environmentally friendly fuels
 - ~ 0,7 M€
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- Population ratio Iceland/US 1/1000
 - Million Eu in Iceland corresponds to Billion Euro

Eco Energy – in process

- Evaluation of cost of infrastructure
 - All domestic fuels, hydrogen, electricity, methane, etc.
- Resource mapping
 - How much fuel can Iceland produce of various types
- Environmentally friendly transport policies – both for government and municipal governments
- Increased budget for R&D regarding environmentally friendly fuels