

H₂ilfe H₂ellup H₂elp H₂jälpa H₂aelp

Supporting national and local efforts to ideploy
H₂ applications

European Hydrogen Association EHA
Marieke Reijalt

International Conference on Hydrogen Safety 2013
Brussels, September 9, 2013

... in the last 24 hours

.... **September 10**

Petrol opens hydrogen station in Ljubljana

..... **September 5**

5 FC buses arrive at Imperia (IT) bus depot:
Italian FC bus fleet in daily totals 13 in 2013.

.... **July 31**

EU Parliament rapporteur of Directive on
deployment of alternative fuels infrastructure
includes amendments to include new MS by 2030

..... **June 26**

HyER quadruples membership in 5 years



EHA : Membership

Established in 2000 with 5 national associations, currently representing 21 national associations and the main European companies active in hydrogen infrastructure development

Netherlands
Belgium
France
Germany
Czech Rep.
Finland
Hungary
Italy
Latvia
Norway
Poland



Portugal
Spain
Sweden
Switzerland
United Kingdom
Bulgaria
Denmark
Finland
Slovenia
Ireland
Romania

Since 2008 EHA is hosting the secretariat of Hydrogen, fuel cells and Electro-mobility in European Regions, HyER (former HyRaMP) representing 37 regions and cities

HyER Members 2013



New members 2013

- Bled (SI)**
- Grenoble-Isère (FR)**
- Amsterdam (NL)**
- Friesland (NL)**
- Brabant (NL)**
- Niedersachsen (DE)**
- Akershus (NO)**

Population: 98 m

GDP: 363 bn

FC bus projects created appr. 150 new jobs in 2 years



EHA EU Dissemination Actions

Facilitating FCH JU projects: FC bus demo, FC stationary demo, Educational

Joint Communication Taskforce of FCH JU, HyER, NERGHY, NEW IG

Participation in key EU think tanks and WG

- EU Energy 2020 projects, Smart Cities and Communities Stakeholder Forum , Strategic Transport Technology Plan (STTP), Cars 2020, DG MOVE Future Transport Fuels Expert Group

EHA Collaboration with relevant European organizations

- Associate member of European Association for the Storage of Energy,
- EHA is supporter of EU Renewable Grid Initiative.
- EHA is hosting HySafe Association office in Brussels since June 2013

General Communications:

- www.h2euro.org 80.000 unique visitors per year;
- Newsletters/ Monthly newsletter with extensive EU policy update
- Social Media: Facebook Twitter: H2euro

EHA FCH JU project involvement

2009

FC-HyGuide

Guidance Document for LCA studies on hydrogen production and fuel cell technologies

SHEL and HyLIFT-DEMO

Demonstration of Fuel Cell and Hydrogen forklift trucks

HyPROFESSIONALS

Training initiatives for technical professionals

HyFACTS

Training material for Regulators and Public Safety Officials.

2010-2011

Don Quichote:

Renewable hydrogen / PEM electrolyser production to power forklift trucks in logistic centre

HyLift Europe:

Large scale roll out fuel cell forklift trucks

HyResponse

Online training material for emergency respond services

H2Trust assess industry efforts to assure FCH technology is safe

2012

Alkammonia

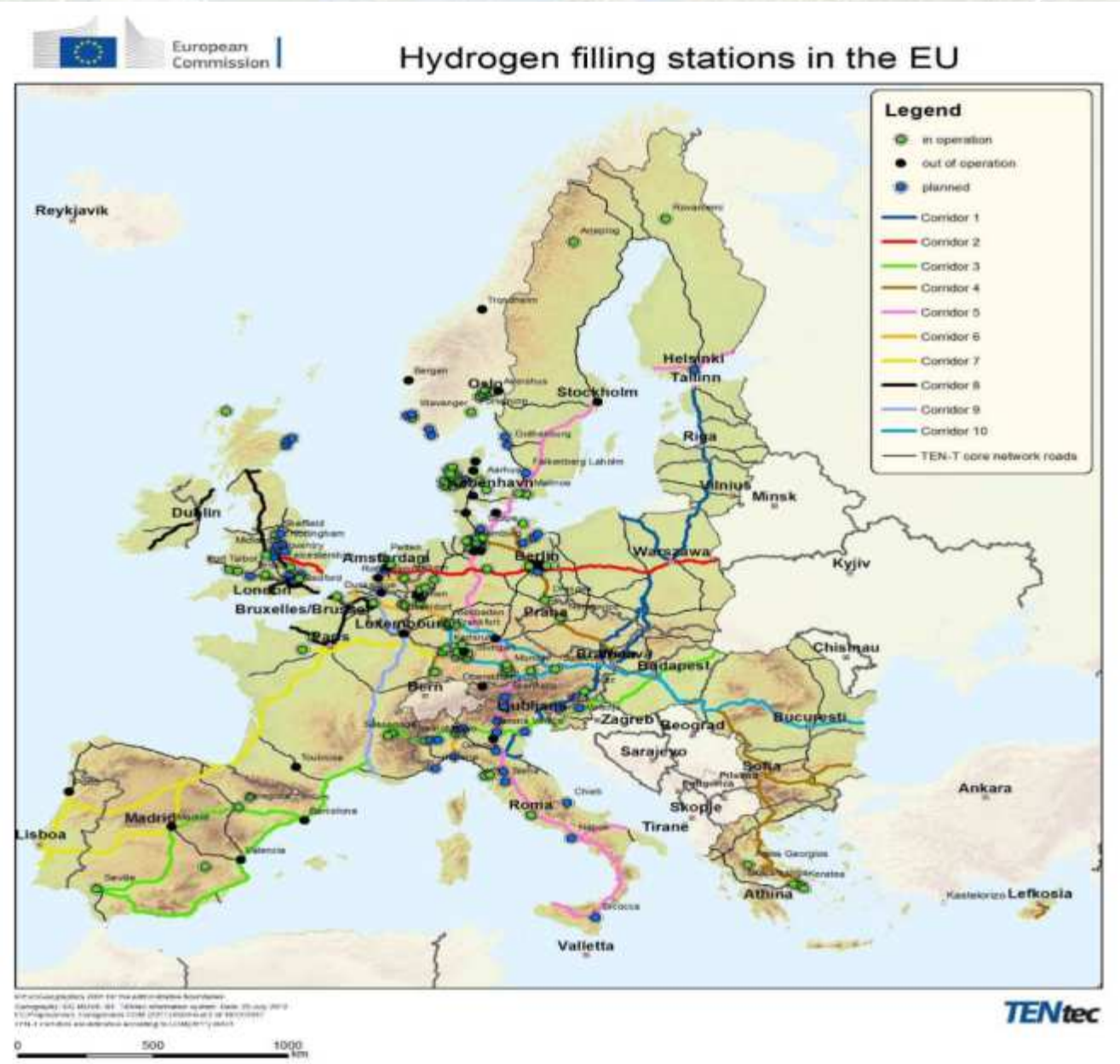
Alkaline fuel cell ammonia reformer development for remote power

Power up

Alkaline fuel cell power system linked to chlor alkali plant

H2Trust assess industry efforts to assure FCH technology is safe

H2 refuelling stations in Europe



EHA Team in Brussels

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