

# H<sub>2</sub>ilfe H<sub>2</sub>ellup H<sub>2</sub>elp H<sub>2</sub>jälpa H<sub>2</sub>aelp

Supporting national and local efforts to ideploy  
H<sub>2</sub> 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](http://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**

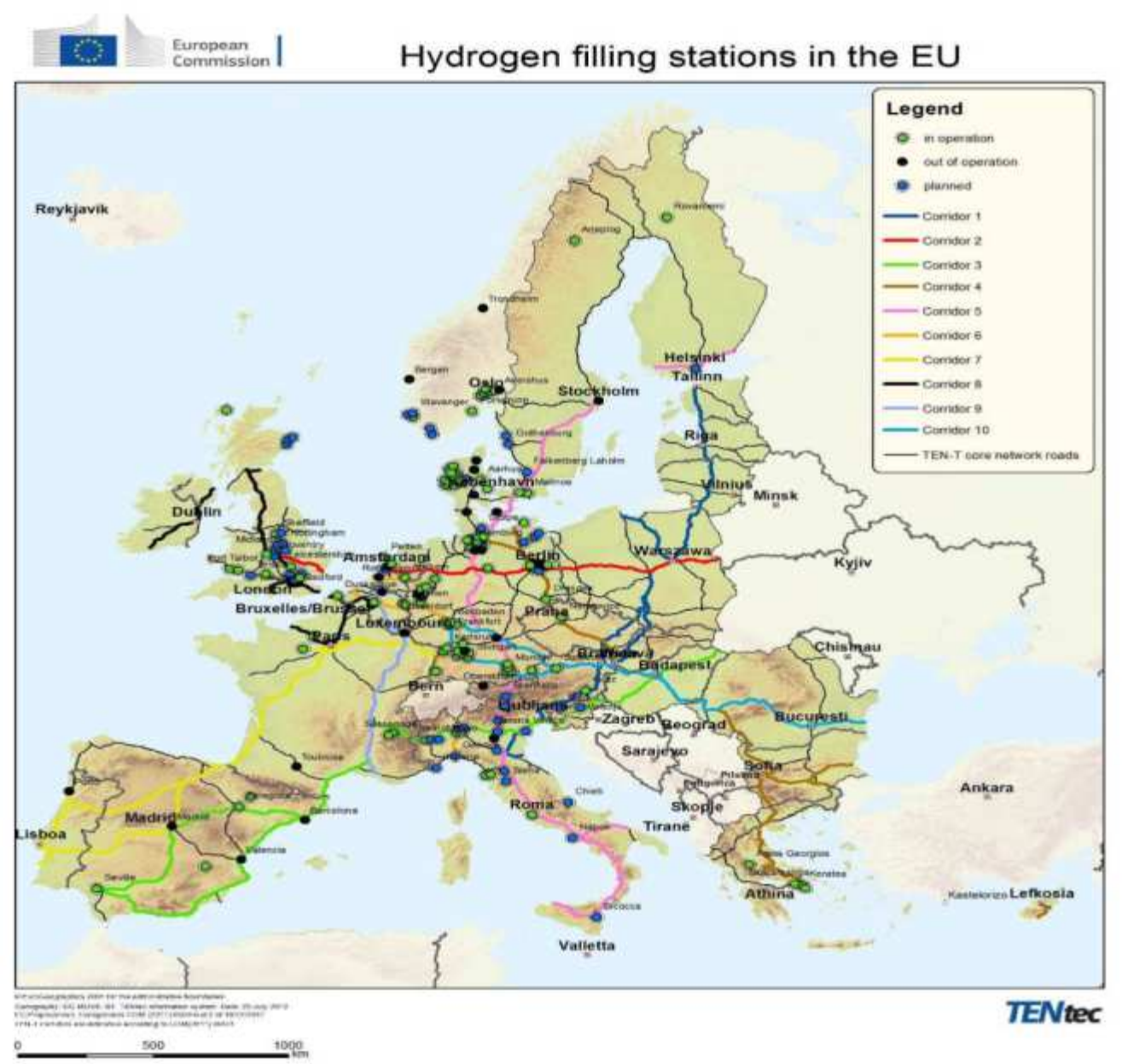
Alkaline fuel cell ammonia reformer development for remote power

## **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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