



## Hydrogen in the City

Sustainable hydrogen projects to reduce local emissions

## EHA in Action: JTI

1. Meeting with Chair Executive Board Industrial Grouping Aug. 16, to discuss EHA contribution to JTI:
  - EHA dissemination of EU/JTI project results;
  - Information national decision makers of JTI;
  - Educational and promotional activities;
  - Collaboration on big hydrogen event;
2. JTI and Regions:
  - attended Commission meetings on Sept. 7 and Oct. 10:  
EHA is asked to join Region's Taskforce as associate member.
3. Attended Technical Review Days, October 10-11, 2007: EHA promoted (post) EU/JTI project dissemination.
4. PR October 11, 2007

## EHA in Action: EU Policy

1. EHA Taskforce Set Plan headed by Elisabet Fjermestad Hagen started dialogue with RE organisations as suggested by EC at EHA SET Plan Workshop on April 19, 2007: joint paper scheduled by end October 2007 to be submitted to EC.
  
2. Regulations: the following dossiers are being followed:
  1. Review Fuels Directive; EP proposal: H2 and H2/CNG are included;
  2. Framework Directive Renewables and Biofuels: DG TREN;
  3. Green Paper on Urban Transport DG TREN;
  4. Parliament and Comitology process for ne Hydrogen Vehicle Regulation: **Input required before mid December:**
    - exact type of categories of L-type hydrogen vehicles;
    - which requirements would be similar as for M and N hydrogen type vehicles;
    - specific requirements that are different for M and N type vehicles;
  5. Proposed legislation on CSS (2008).
  
3. Tracking developments in other Technology Platforms; ZEPP, SN, Biofuels,

# EHA in Action: Promotion



- 1. Hydrogen Information Institute (HII) in Brussels**
  - discussion with HYSAFE Consortium on International Safety Institute hosting by EHA office in Brussels;
  - meetings on July 31, and September 19 with Brussels Ministry of Transport;
  - new urban development “Tour and Taxis” could be location of HII.
- 2. EHA Taskforce “Hydrogen in the City”:**
  - secured EHA session at EUSEW January 29, 2008; presentations of EHA members;
  - input needed on case studies;
- 3. New membership 2008**

Ajusa (ES), ENI (IT), Solvay (BE), Total (F), BP (UK)

  - Slovakian Association, Greek Association,
- 4. Presence at events 2008:**
  - Hanover Fair 2008; H2Expo
  - Transport Fairs: Urban Transport events, Motor shows

# EHA in Action in 2008

## 1. EU Policy:

- dossiers regarding Energy, Transport and Climate;
- EHA Taskforce SET Plan.

## 2. FP7/JTI: EHA participation in projects as dissemination coordinator

## 3. EHA Taskforce “Hydrogen in the City”:

- organisation of Roadshow in Europe;
- collaboration with C40 initiative

## 3. New membership 2008:

- Ajusa (ES), ENI (IT), Solvay (BE), Total (F), BP (UK), Exxon
- Danish, Czech, Greek, Russian, Slovakian, Slovenian Association

## 4. Presence at events 2008:

- Hanover Fair 2008 (04); DWV national event (02) H2Expo Hamburg (09)
- Transport Fairs: Urban Transport events, Motor shows

# EHA National Associations Workshop

October 30, 2007

Palais des Académies, Bruxelles

# EHA: *from where and when to here and now!*

- **Mission:** *foster the development of hydrogen technologies and their use in industrial, commercial and consumer applications;*
- **Membership structure** of now 13 national associations and the main hydrogen production and distribution companies facilitates insight in local developments, communication of industry needs and technology updates;
- **EHA is actively following EU's Research, Energy and Transport policy;** online database of policy affecting the use of hydrogen, EHA Taskforce on RE/H2 energy chains to EU Strategic Energy Technology Plan, EHA Brochure "Where does the energy for hydrogen production come from?";
- **Insight in local and technological developments through involvement of EHA members in EU and national projects facilitates broad dissemination of project results in Europe;** support EC, HFP and JTI;
- **Through involvement of national associations coordinate promotional activities:** EHA Taskforce "Hydrogen in the City" and organisational support of coordination of regional activities.



Map of H<sub>2</sub> refuelling stations in the EU 2007



# Suggestions for Joint Action Plan

## 1. Input/Output EU policy:

- make national industry voice heard in Europe;
- highlight specific national requirements;
- strengthen position as national point of reference.

## 2. Dissemination/ Archivation EU project results:

- urgent need for continuous updates of local authorities on relevant technical developments and best practice; European Roadshow,
- urgent need to access EU project results in a more easy way,

## 3. “Hydrogen in the City”: information package:

- general hydrogen information; demonstration kit
- product brochures;
- HYPRO project database updates

## 4. JTI: disseminate JTI calls, activities and results at national level and actively involve stakeholders at all levels (Regions, SME, universities).