

PATH Meeting Notes

May 20, 2010 Essen

Messaging Workshop

Development of international PATH hydrogen messages can be also used by PATH associations within their countries, like the COP-15 PATH message.

Audiences	Topics	Rank
Governments, media	Electric mobility (battery EVs, H2FC EVs, hybrid EVs, plug-in hybrid EVs)	11
Governments, media	Infrastructure – how will it happen, cost, who will do it	11
Students, wind-farm operators, Industries that need H2, politicians Off-grid communities, remote processing industries, government, grid operators	Access to renewables H2 production from renewables H2 as a storage medium for RE	9
Investor, media	H2 technologies already in the market – ICEs, fork lifts, remote power	7
Regional governments, elected officials	To what extent the development of H2 technologies can create new jobs	7
Media, public	H2 production today and vision for tomorrow – RE, NG, other	6
Public, Governments, other fuel suppliers	Hydrogen storage, feasibility and safety H2 safety – public acceptance	5
Public, media	H2 is an energy carrier (stores energy) vs. an energy source	5
Markets, government	Beyond feed-in tariffs – enabling RE – H2 contributes to an integrated solution	4
Government, economists	Bigger picture for H2 in multiple areas	2
public	Green hydrogen – production and use are both green – compounds benefit	2
Public, investors, media, Governments	Cost of hydrogen – when it is worthwhile to pay more for H2	2
politicians	What is going on in other countries for H2	1

Comments on Implementation

PATH statements should be a message that member countries can use. Synthesize information from resources identified and reviewed/iterated by PATH member associations.

U.Schmidtchen: PATH should be a switchboard of information to the members.

J. Serfass: If a member has a document on any of these topics that can lead to a PATH statement or position paper, please share it.

Some may take research or analysis – such as safety.

DWV website has electric mobility and infrastructure reports/statements – start with this; EHA website has RE production brochures

UKHA has a powerpoint presentation for Govt for EV mobility

Spain has a message for children.

Can excerpt books from Tapan Bose, Arno Evers, David Scott

Can PATH help make the raw sources available to all organizations and overall?

PATH should not be promoting commercial products, such as books.

Opportunities to Release New PATH Statements

Mexico follow-up to Copenhagen conference in November. (Renewables)

WHTC in Scotland fall 2011.

HFC 2011.

NHA Conf Feb 2011.

WHEC 2012 Toronto

China WHTC 2013.

Electric mobility conferences – Canada in September, many others.

Chemical process conferences – hydrogen producers have topical conferences

Compressed Gas Association

European Industrial Gas Association

Utility conference (for storage statement)

Implementation

Volunteers are good – may also explore seeking small amount of funding from automakers for electric mobility paper. PATH will write a short note to automakers to explore interest.

PATH intern

Participants

Argentina: Juan Carlos Bolcich –Asociación Argentina del Hidrógeno

Ariel Pèrez – Hydrogen Project HYCHICO

Australia: Andrew Dicks – Australia Association for Hydrogen Energy

Canada: Terry Kimmel – Canadian Hydrogen & Fuel Cell Association

China: Prof. Mao – China Association for Hydrogen

France: Claude Derive – Association Française de l-Hydrogène

Germany: Ulrich Schmidtchen – Deutscher Wasserstoff- und Brennstoffzellen-Verband

Alexander Dyck – Chairman of the National Mirror Committee for IEC TC 105 (Fuel Cells)

Johannes Töpler – Deutscher Wasserstoff- und Brennstoffzellen-Verband

Italy: Alberto Giaconia, ENEA

Japan: Ken-Ichiro Ota, Hydrogen Energy Systems Society

Shigenori Mitsushima – Yokohama National University

Kazunari Sasaki – Kyushu University

Latvia: Julia Hodakovska – Latvian Hydrogen Association

Morocco: Khalid Benhamou – Sahara Wind

South Korea: Byeong-Soo Oh – Chonnam National University

Spain: Carmen Gonzalo – Foundation for the Development of New Hydrogen Technologies in Aragon

UK: Karen Hall – United Kingdom Hydrogen Association

US: Jeff Serfass – National Hydrogen Association

Bill Houf – Sandia National Laboratories