

## Smart Specialisation workshop on Fuel Cells and Hydrogen, 22-23 April 2015, Lyon

The workshop will be a unique occasion to exchange experiences about fuel cells and hydrogen (FCH) deployment in European regions. A proactive participation will be greatly appreciated to illustrate:

1. Interest of regions towards FCH technology, in the context of their Smart Specialisation Strategy;
2. FCH solutions proposed by industry and research organisations;
3. Possible joint actions to implement coordinated strategies supported by S3 and structural funds.

### Agenda

<b>Wednesday, April 22</b>	
<i>From 13:00</i>	<i>Registration – Networking coffee, refreshments</i>
13:30 – 15:10	<p>Welcome by President of Rhône Alpes Region</p> <ul style="list-style-type: none"> <li>• Jean Jack Queyranne</li> </ul> <p><b>Round table: European regions specialisation and hydrogen technologies</b></p> <p>European Commission strategy towards fuel cells and hydrogen technology</p> <ul style="list-style-type: none"> <li>• DG Energy – Tudor Constantinescu, Principal Advisor to Director General</li> <li>• DG MOVE – José Fernandez Garcia, Policy officer</li> </ul> <p>Regional strategy towards sustainable mobility (tbc by IPTS)</p> <ul style="list-style-type: none"> <li>• DG Regio, Gergana Miladinova/Colin Wolf (tbc)</li> </ul> <p>Smart Specialisation in Europe</p> <ul style="list-style-type: none"> <li>• Manuel Palazuelos Martinez, JRC/IPTS</li> </ul> <p>The FCH JU and Smart Specialisation</p> <ul style="list-style-type: none"> <li>• Bert De Colvenaer, Executive Director of FCH 2 JU</li> </ul> <p>Presentation of parallel sessions</p> <ul style="list-style-type: none"> <li>• Françoise Charbit, CEA</li> </ul>
15:10 – 15:30	<i>Coffee break and networking</i>
15:30 – 17:30 <i>Parallel sessions</i>	<p><b>#1 Clean public transport, role of fuel cell buses</b></p> <ul style="list-style-type: none"> <li>• Heinrich Klingenberg, hySOLUTIONS GmbH</li> <li>• Paul Jenne, Van Hool</li> </ul> <p>Moderator: Nicolas Brahy, FCH 2 JU</p> <p>Facilitated discussion amongst participants</p> <p><b>#2 Combination of renewable energies and hydrogen</b></p> <ul style="list-style-type: none"> <li>• Barney Crockett, Aberdeen City Council and Chair of HyER (tbc)</li> <li>• Filip Smeets, General Manager On-Site Generation Hydrogenics</li> </ul> <p>Moderator: Ingrid Milcent, Tenerrdis</p> <p>Facilitated discussion amongst participants</p>
17:30 – 18:00	Closing session
18:00	<i>Networking cocktail</i>

<b>Thursday, April 23</b>	
8:00- 8:30	<i>Welcome coffee</i>
8:30- 9:30	<b>Presentation of FCH JU funded studies on:</b> <ul style="list-style-type: none"> <li>• Commercialisation of FCH bus, Nicolas Brahy</li> <li>• FC CHP and distributed generation, Mirela Atanasiu</li> </ul>
9:30 - 10:30	<b>Conclusions of sessions #1 and #2 - Q&amp;A</b> Moderators: Nicolas Brahy and Ingrid Milcent
10:30 – 11:00	<i>Coffee break</i>
11:00 - 13:00 <i>Parallel sessions</i>	<b>#3 Regional initiatives towards cleaner mobility (public and private fleets, last mile delivery, etc.)</b> <ul style="list-style-type: none"> <li>• Frank Koch, North Rhine-Westphalia (Germany)</li> <li>• Fabio Ferrari, SymbioFCcell</li> </ul> Moderator: IPTS Facilitated discussion amongst participants
	<b>#4 Role of hydrogen in energy independence and security</b> <ul style="list-style-type: none"> <li>• Mikael Kau, Cemtec - Northern Jutland (Denmark)</li> <li>• Luca Bertrand, ITM Power</li> </ul> Moderator: Mirela Atanasiu, FCH 2 JU Facilitated discussion amongst participants
13:00 - 14:00	<i>Lunch</i>
14:00 - 15:00	<b>Conclusions of sessions #3 and #4 - Q&amp;A</b> Moderators: IPTS and Mirela Atanasiu, FCH 2 JU
15:00 – 15:30	<b>Closing and next steps</b> Henri Winand, NEW-Industry Grouping (tbc)

### **Guidelines for parallel sessions**

Each session will be introduced by two key note presentations, first from the point of view of a hydrogen experienced region, second from industry.

Facilitated discussion between participants will then address the following topics, from a pragmatic and practical approach:

- motivations towards FCH technologies;
- necessary conditions for successful implementation;
- optimisation of the supply chain;
- possible joint actions to promote European FCH products and services.