

## 11<sup>th</sup> IPHE Education & Outreach Event

November 20, 2017

Technical University of Delft

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### Overview

The IPHE welcomes students and teachers to meet international delegates, learn about the latest developments in fuel cells and hydrogen (FCH), exchange views, and ask questions about FCH policies. The event will provide insights into developments in leading countries, and the latest progress in the Netherlands.

### Agenda

08:30 Registration and Coffee at the Bouwcampus, TU Delft

#### 1. Welcome and introductions

09.00 Prof. Ad van WIJK, TU Delft

09.05 Tim KARLSSON, Executive Director, IPHE

#### 2. International Perspective on Fuel Cells and Hydrogen (FCH) Developments

09.10 Tim KARLSSON, Executive Director, IPHE: *Overview of the IPHE*

09.25 Jan WEGENER, National Organization Hydrogen Technology, Germany: *Overview of FCH Developments in Germany*

09.40 Prof. Ad van WIJK, TU Delft : *Overview of Hydrogen Development in The Netherlands*

09.55 Laurent ANTONI, President, Research Grouping of the FCH Joint Undertaking: *European Research Roadmap for FCH*

10.10 Questions and Discussion

*10:25 Coffee Break*

#### 3. Student (PhD and Master) perspectives on Hydrogen Development

10.45 Pitches by Dutch Students

- Ravian Arp, University of Utrecht – International policy
- Alex Maat, University of Utrecht – Social aspects in regional developments in mobility
- Nicolaos Chrysochoidis, TU Delft – Windmill to Hydrogen development
- Carla Robledo, TU Delft – Car as a Powerplant

11.15 Open Discussion: Students, Professors, and IPHE Members

- What are IPHE members doing on these topics?
- What are the other key research questions in the field of Hydrogen and the Economy?

#### 4. Dutch Student Initiatives on Zero Emission Mobility

12.00 Lunch, poster presentation by Dutch student teams and tour at Green Village, demonstration of various hydrogen vehicles.

- Team FAST/TU Eindhoven, Team TU Twente and Team Forze/TU Delft introduce their innovative hydrogen projects.