



INTERNATIONAL PARTNERSHIP FOR HYDROGEN AND FUEL CELLS IN THE ECONOMY

IPHE Forum: Increasing Role of Hydrogen in the Economy Tuesday May 8, 2018 Yokohama City, Kanagawa Prefecture

AGENDA

Simultaneous translation is available (English and Japanese)

When: Afternoon of Tuesday 8 May 2018

Where: InterContinental Yokohama Grand, Yokohama City, Kanagawa Prefecture

Focus: Many countries are implementing policies and taking action on Fuel Cells and Hydrogen (FCH). Numerous policy goals including climate change, clean air, and energy security are moving countries to develop electro-mobility that includes both “Electric Vehicles (EVs) and Fuel Cell Electric Vehicles (FCEVs)” and deploy clean hydrogen.

The City of Yokohama will highlight:

- Leading activities on FCH including the “Hama Wing” Wind-to-Hydrogen project; and,
- Working with all stakeholders (i.e., governments, industry, academia) to accelerate the use of CO₂ free hydrogen in society.

Expected Outcomes:

- Learn about the expanding use of hydrogen in applications across industries both internationally and in Japan. The emphasis is on the “Dramatic Expansion of Hydrogen Use,” defined as Phase 1 of Japan’s *Strategic Roadmap for Hydrogen and Fuel Cells*.

13:00 Registration: Refreshments Available

13:30 Welcome Address by the IPHE

Bernard FROIS, IPHE Chair; CEA, France

13:35 Welcome Address

[Video Message] Hiroshige SEKO, Minister of Economy, Trade and Industry (METI)

Akihiko MIYAMOTO, President, New Energy and Industrial Technology Development Organization (NEDO)

Kazumi KOBAYASHI, Deputy Mayor of Yokohama City

13:50 International Perspectives: Increasing the Use of Hydrogen (15 mins/presentation)

Leading jurisdictions are putting in place initiatives and taking action to demonstrate and deploy hydrogen technologies that will contribute to their medium and long-term economic and environmental objectives. Speakers will present the hydrogen strategy in their country: the issues, the key drivers, the roadmap, and the next steps.



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- **United States: “U.S. Hydrogen and Fuel Cells Overview”**
Sunita SATYAPAL, Director Fuel Cells Technology Office, Department of Energy, United States
- **Germany: “Sector Coupling: Hydrogen’s Increasing Role Across Sectors”**
Adam MUTWIL, Deputy Director, Division of Electric Mobility, Federal Ministry of Transportation and Digital Infrastructure, Germany
- **European Commission “Hydrogen Projects: Energy, Transportation, and Industry Sectors”**
Katarzyna DRABICKA, Research & Innovation, European Commission
- **China: “Hydrogen Mobility in China”**
Professor PAN Mu, Wuhan University of Technology, China

Questions & Answers (10 min)

15:00 Coffee Break (15 min)

15:15 Actions in Japan: Applications and Views (15 mins/presentation)

Japan is a global leader in putting in place initiatives and taking action to demonstrate and deploy hydrogen technologies to help meet their medium and long-term economic and environmental objectives. Speakers will present the hydrogen strategy in their organization, identifying the issues, the key drivers, the latest developments, and the next steps.

- **City of Yokohama, “City of Yokohama’s Actions”**
Eriko YAKUSHIJI, Director General for Climate Change Policy
- **JXTG Nippon Oil&Energy, “JXTG’s Efforts Toward the Realization of a Hydrogen-based Society”**
Tomoo SHIOTA, Deputy General Manager, Hydrogen Business Promotion Department, New & Renewable Energy Company
- **Toyota Motor Corporation “Toyota’s Initiatives Toward a Hydrogen Society”**
Isao NAKANISHI, General Manager, Energy Business Dept., New Business Planning Division
- **Japan H₂ Mobility, LLC (JHyM) “Accelerating the Construction of Hydrogen Stations to Promote Widespread Use of Fuel Cell Vehicles”**
Hideki SUGAWARA, President, JHyM
- **Tokyo Gas, “The Product Concept and Development Situation, Product Commercialization of Residential Fuel Cells (ENE-FARM)”**
Atsushi TAKASE, General Manager, Residential Fuel Cell Business Development Dept.
- **Chiyoda Corporation “Establishment of Hydrogen Supply Chain Using Chemical Hydride”**
Masashi NAGAI, General Manager, Hydrogen Supply Chain Development Dept.
- **Academic Perspective: “Hydrogen and Fuel Cells for the Future Sustainable Growth”**
Professor Kenichiro OTA, Yokohama National University

Questions & Answers (10 min)

17:10 Closing Remarks

- Daishu HARA, Director, Fuel Cell and Hydrogen Technology Group, Advanced Battery and Hydrogen Technology Dept., NEDO

17:15 Close of the IPHE Forum