



Embassy
of the Republic of Poland
in Tokyo

 Polish Investment
& Trade Agency
PFR Group

Online Seminar

New Energy for Clean Transformation Forum

Polish-Japanese cooperation

in the development of hydrogen technologies



Warsaw – Tokyo, November 30th

Organizers: Embassy of the Republic of Poland in Tokyo, PAIH Tokyo Trade Office

Supporters: European Business Council, Institute of Energy Economics, Japan Institute for Overseas Investment, New Energy and Industrial Technology Development Organization (NEDO)



Warsaw – Tokyo

Time: 16:30 – 19:30 (Japanese time)

08:30-11:30 (Polish time)

Language: English

Programme

Moderator:

- Mr. Maciej M. Sokołowski, PhD (Meiji University/ University of Warsaw)

▪ Welcome address:

16:30 – 16:40

08:30 – 08:40

- **Mr. Paweł Milewski**, Ambassador of the Republic of Poland in Japan
- **Ms. Yukari Hino**, Director, Advanced Energy Systems and Structure Division, Energy Efficiency and Renewable Energy Department, Agency for Natural Resources and Energy

▪ Key-note speech

☛ 16:40 – 16:55 08:40 – 08:55

Hydrogen and its role in the green energy revolution

- **Mr. Tomas Kåberger**, Chair of Executive Board, Renewable Energy Institute, Japan

▪ Policies and regulations

☛ 16:55 – 17:05 08:55 – 09:05 **Poland's hydrogen strategy as an important step towards green revolution**

- **Mr. Szymon Byliński**, Director, Electromobility and Hydrogen Economy Department, Ministry of Climate and Environment of Poland



☛ 17:05 – 17:15 09:05 – 09:15 **Legal framework for hydrogen investments in Poland - the future or a real, urgent need?**

- **Mr. Wojciech Wrochna**, Partner, Head of Energy, Natural Resources & Chemicals, Kochanski & Partners

☛ 17:15 – 17:25 09:15 – 09:25 **Japan’s approach to realize a “Hydrogen-Based Society”**

- **Mr. Hiroki Yoshida**, Deputy Director, Advanced Energy Systems and Structure Division, Energy Efficiency and Renewable Energy Department, Agency for Natural Resources and Energy

☛ 17:25– 17:35 09:25 – 09:35 **Q&A session**

■ **Green hydrogen projects in Japan and Poland**

☛ **Presentations by Polish and Japanese companies**

17:35 – 17: 55 09:35 – 09:55 **Projects in Japan**

- **TORAY Industries, Inc.**
Mr. Daisuke Izuhara
Deputy General Manager
☛ Toray’s Initiatives for the Realization of a Hydrogen Society - Development of P2G system technology in Yamanashi Prefecture
- **Japan Atomic Energy Agency**
Mr. Shinji Kubo
Director, Department of Hydrogen and Heat Application Research and Development
HTGR Research and Development Center Sector of Fast Reactor and Advanced Reactor Research and Development
☛ JAEA's Efforts for HTGR-powered Hydrogen production toward 2050 Carbon Neutrality
- **Asahi Kasei**
Mr. Tomoyuki Ishikawa
Senior Manager, Business Development, Green Solution Project
☛ Large scale alkaline water electrolyzer for green hydrogen and green chemical production
- **Mitsubishi Chemical Holdings**
Dr. Toru Setoyama
Executive Fellow
☛ Catalytic water splitting for green-hydrogen production and its applications



17:55 – 18:10 09:55- 10:10 Projects in Poland

- **Hynfra Sp. z o.o**
Mr. Tomoho Umeda
CEO
☛ Hydrogen District Heating and Green Chemicals - Hynfra's European Portfolio
- **PKN ORLEN SA**
Mr. Grzegorz Józwiak
Director, Alternative Fuel Implementation Office
☛ Hydrogen direction in ORLEN Group
- **Enea Operator**
Mr. Przemysław Starzyński
Head of Innovative Initiatives Bureau
☛ Hydrogen Energy Buffer project

■ Financial initiatives for promoting green hydrogen production

☛ 18:10-18:20 10:10-10:20 Nippon Export and Investment Insurance (NEXI)' initiatives for supporting hydrogen projects

- **Mr. Yoji Akiyama**, Chief Manager, Head of Natural Resources Group II, Structured and Trade Finance Insurance Department

■ Regional initiatives for promoting green hydrogen production

☛ 18:20-18:30 10:20-10:30 Wielkopolska Voivodeship as a model example of introducing hydrogen technologies on regional scale

- **Mr. Maciej Sytek**, Wielkopolska Regional Board Plenipotentiary for Clean Transformation of Eastern Wielkopolska

■ Case study: Polish-Japanese cooperation in building the hydrogen infrastructure

☛ 18:30 – 18:40 10:30 – 10:40 Presentations by Lotos Group and Toyota

- **Ms. Sylwia Pawlak**, Innovation Director, Lotos Group S.A.
- **Mr. Andrzej Szalek**, Board Advisor, Toyota Motor Poland

☛ 18:40 – 18:50 10:40 – 10:50 Q&A session



▪ Panel discussion

☛ 18:50 – 19:20 10:50 – 11:20 Perspectives for R&D cooperation between Poland and Japan in the field of green hydrogen production

Poland:

- **Mr. Jarosław Milewski**, Full Professor, Head of Power Division, Institute of Heat Engineering, Faculty of Power and Aeronautical Engineering, Warsaw University of Technology
- **Mr. Jakub Kupecki**, Professor of IEn, Head of Center for Hydrogen Technologies, Institute of Power Engineering

Japan:

- **Mr. Naoki Shikazono**, Professor, Institute of Industrial Science, University of Tokyo
- **Mr. Hiroshige Matsumoto**, Professor, Associate Director, Lead Principal Investigator, International Institute for Carbon-Neutral Energy Research (I²CNER), Kyushu University

▪ Closing remarks

19:20 – 19:30 11:20 – 11:30

- **Mr. Nobuo Tanaka**, Chair, the Steering Committee of Innovation for Cool Earth Forum (ICEF), Former Executive Director, International Energy Agency (IEA) 2007-2011 CEO, Tanaka Global,Inc.

