

II International Forum
«Hydrogen technologies – for the developing world»
held in conjunction with
9-th meeting of the Steering Committee of
the International Partnership for Hydrogen Economy (IPHE)



22-23 April 2008, Moscow, President Hotel

Organizers



Ministry of Education and Science (Russia)



Federal Agency of Science and Innovation (Russia)



International Partnership for Hydrogen Economy (IPHE)

with support and participation of



European Commission



International Center for Hydrogen Energy Technologies of
the United Nations Industrial Development Organization



Russian Academy of Sciences



National Hydrogen Energy Association

Informational support



Non-commercial Partnership «INCOT»



Moscow Power Engineering Institute (Technical University)



«Technopolis XXI» magazine



Center for Energy and Resource-efficient Technologies



Reisebuero WELT

International Forum

Today hydrogen is considered to be one of the promising energy vectors and a way of ensuring sustainable development of the world economy, especially in the context of constantly growing energy demand, as well as a way of eradicating energy poverty and reducing negative impact on the environment. Nowadays many countries of the world, including developing one, are actively engaged in research and development of hydrogen technologies and fuel cells. Hundreds of demonstration projects related to use of hydrogen in energy sector and transport are implemented worldwide. In the next few years the first products based on hydrogen technologies are expected to enter the market. It is suggested that experience of different countries and international organizations in the field of hydrogen technologies should be discussed at the Forum.

Forum Objectives

- § To identify the role and place of hydrogen technologies in the future models of the world economy;
- § To discuss national strategies of hydrogen technology development and road maps for their deployment implemented by different countries;
- § To estimate prospects for use of hydrogen technologies by the developing countries, including possible contribution of the developing countries into establishment of the global hydrogen market;
- § To estimate prospects and define the most effective forms of cooperation with the developing countries in the field of hydrogen technologies.

Issues to be discussed

- § What policies are needed for a large-scale application of hydrogen technologies?
- § Will hydrogen technologies be affordable for the developing countries? What are the ways for the developing countries getting involved in the world cooperation in the field of hydrogen and fuel cell technologies? What should be done to make this cooperation non-discriminatory?
- § What could be the possible contribution of the developing countries into creation of the global market for hydrogen products and services?
- § How important are hydrogen-related educational programs for the developing countries? Which forms of education could be in greatest demand?
- § What part should public private partnership play in development of the hydrogen economy?
- § What is the role of international organizations in development of multilateral formats of cooperation in the field of hydrogen technologies?

Scope of activities

- § Presentation of the Russian hydrogen and fuel cell scientific & technological programme (Russian state policy in the field of science and technology; the main directions of activities and their results; the role and place of public private partnership in development of the hydrogen economy)
- § Presentation of the national strategies and road maps for development of hydrogen technologies by developing countries
- § International experience gained from implementation of large-scale joint projects in the field of hydrogen technologies and fuel cells
- § Discussion of educational and social aspects of the process of hydrogen economy establishment
- § Exhibition

Forum Sessions

§ 22 April 2008 – Plenary Session:

- § The role of hydrogen economy for global energy security.
- § International cooperation in the field of hydrogen technologies.

§ 23 April 2008 – parallel sections:

§ Hydrogen technologies for developing world

- New hydrogen production technologies
- Hydrogen Storage and Distribution
- Use of hydrogen for power generation and in transport (all aspects, including RCS)
- Fuel Cells

§ Business Forum: Public private partnership as a factor of the hydrogen economy development

§ Educational and social aspects of the process of hydrogen economy establishment. Youth section

Exhibition

During Forum there will be arranged an exhibition. The most interesting Russian R&D projects in hydrogen and fuel cells will be presented there.

Abstracts submission.

The official languages of the Forum will be English and Russian. Simultaneous translation service will be provided at all sessions.

Abstracts of all accepted papers will be published and provided to the participants during registration. All papers for publication (abstracts, reports, full text) are to be submitted in English and should be sent by electronic mail, as an attachment.

22 February, 2008 - Deadline for abstract submission.

21 March, 2008 - Full Paper submission deadline

Deadline for abstract submission	22 February 2008
Deadline for submitting the full text	21 March 2008

CONTACTS

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Please send the filled-in form by 15 March 2008 to one of these e-mail addresses:
partnership@fasi.gov.ru or h2forum@incot.ru

Registration Form

Title:

First Name:

Family name

Position:

Organization:

Type of organization

- governmental agency international organization
- research industry business
- educational NGO other

Postal address:

Street:

Town\city:

Country:

Phone & fax number:

e-mail:

Web-site:

My sphere of interest:

- Hydrogen economy: policy and international cooperation issues**
- Hydrogen technologies:**
- New hydrogen production technologies
 - Hydrogen Storage and Distribution
 - Use of hydrogen for power generation and in transport (all aspects, including RCS)
 - Fuel Cells
- Building the Hydrogen economy: Social and Educational Aspects**
- Private public partnership**

I would like to make presentation yes no

Title of the presentation _____

date, signature and stamp