



DJW Symposium 2017

H₂ TECHNOLOGY AS A SOLUTION? – THE INFLUENCE OF JAPAN AND GERMANY ON THE FUTURE ENERGY MIX.

Hydrogenic City Herten
(on the site of the old “Ewald” colliery in
Herten, today “Revue Palast Herten”)

Werner-Heisenberg-Strasse 2–4,
45699 Herten, Germany

Friday, May 12th, 2017

9.30 a.m. to 1 p.m.

with a subsequent lunch reception

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“I believe that water will one day be employed as fuel, that hydrogen and oxygen which constitute it, used singly or together, will furnish an inexhaustible source of heat and light, of an intensity of which coal is not capable... When the deposits of coal are exhausted we shall heat and warm ourselves with water. Water will be the coal of the future.”

(Jules Verne, 1874)

There is common belief, that the “carbon age” is coming to a close. To protect the climate, coal and oil consumption must be reduced. Highly industrialised countries, among them Japan and Germany, have to take a decision: What are the most appropriate alternatives? In particular, the automotive industries face profound challenges. Whatever their answers may be – it will be of vital importance.

For the time being their attention is focused on electromobility. Batteries, however, are extremely heavy, and have low efficiency – the limitations of this technology are obvious, their operating range is insufficient. Experts have raised their voices to ask: are we moving along the wrong track?

Hydrogen may be a better alternative. In the past however, it did not prove successful – the fuel cell technique was rejected as ineffective. Since then, the technology has considerably improved. The heating systems have passed the demanding tests and, at least in Japan, it is commercially accepted on a broad basis. With regard to mobility, would a second approach be advisable? Even necessary? Japan has taken the lead. Is Germany going to correct the direction?

Opening

Gerhard Wiesheu, Chairman, Japanese-German Business Association (DJW)

Greetings

Ryuta Mizuuchi, Consul General, Japanese Consulate General in Düsseldorf

Dr. Günther Horzetzky, State Secretary, Ministry of Economic Affairs, Energy and Industry of the State of North Rhine-Westphalia

Introduction: “Status Quo of Research and Development of H₂ Technology”

Takehiko Nagai, Director General, NEDO Representative Office in Europe

Dr. Thomas Kattenstein, Head of Fuel Cell, Hydrogen and Electro Mobility Network NRW, EnergieAgentur.NRW

*** Networking, coffee break ***

Panel Discussion: “A Hydrogen-Based Economy - Can Vision Become Reality?” with

Felix Andre, PwC Strategy& (Germany) GmbH

Dr. Karin Arnold, Future Energy and Mobility Structures, Wuppertal Institute

Prof. Dr.-Ing. Peter Birkner, Director, House of Energy

Ferry Franz, Head, Toyota Group Representative Office in Berlin

Hiroshi Kakihiro, Europe Regional Manager, R&D Group, Asahi Kasei Europe

Dr. Martin Schneider, Head of Product Management, Hydrogenious Technologies GmbH

Moderation: Dr. Julia Münch, Managing Board Member, DJW

Conclusion: “How Germany and Japan Could Benefit from Each Other”

Dr. Ruprecht Vondran, Honorary Chairman, DJW

*** Networking, lunch reception ***

with a toast by Volker Lindner, Chairman, Ruhr h2 Network

The DJW Members’ Assembly takes place at the same venue from 2 to 3.30 p.m. On the previous day, May 11th, meetings of the DJW Working Groups will take place between 2 and 4 p.m. Please register at events@djw.de.



For further information: www.djw.de
Contact: DJW e.V., Graf-Adolf-Strasse 49,
40210 Düsseldorf, Germany
E-mail: events@djw.de
Phone: +49 - (0)211 - 99 45 91 91
Fax: +49 - (0)211 - 99 45 92 12



DJW Guided Tour

USER CENTRE “h₂HERTEN”:

SPACE FOR INNOVATION

Hydrogenic City Herten

(on the site of the old “Ewald” colliery in Herten, today User Centre “h₂Herten”)

Doncaster Platz 5 - 7, 45699 Herten, Germany

Friday, May 12th, 2017

4 to 5.30 p.m.

Kindly supported by:



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Over the past few years, numerous companies and institutions who are keen supporters of renewable energy, particularly in the hydrogen and fuel cell technology industry, have settled on the old “Ewald” collieries. Together they are forming the “Herten Hydrogen Centre of Excellence”. Production, transport or applications - Herten is promoting this future industry by promoting a whole supply chain.

We invite you to a guided tour through the Hydrogen Centre of Excellence “h₂Herten”. The linchpin of the Herten Hydrogen Centre of Excellence is the first communal **user centre** in Germany. It was opened in 2009 and currently provides 1,800 m² office and 1,200 m² engineering space specially designed to meet the demands and requirements of the industry for future energy sources.

Introduction of the site “Ewald”

Benedikt Schmoll, Head, Project Mining Area

Introduction of the User Centre “h₂Herten”

Thorben Müller, Technical Project Manager, User Centre “h₂Herten”

Guided Tour through the User Centre (in German / English)

Prof. Dr. Karl Herbert Klug, Engineering, Westphalian University of Applied Sciences
Thorben Müller, Technical Project Manager, User Centre “h₂Herten”

Please register at events@djw.de.



Registration Form

PLEASE REGISTER

BEFORE MAY 5TH, 2017

VIA

E-mail: events@djw.de

Web: www.djw.de

Fax: +49 - (0)211 - 99 45 92 12

Remarks: The number of participants is limited. Applications will be processed in the order of their arrival. In case there are more applications than available seats, a waiting list will be opened.

Please transfer the participation fee in advance to the DJW account – bank details will be provided via email after your registration.

The participation fee will be charged even if you are unable to attend the symposium without cancellation 3 working days prior to the event. If you have further questions, please do not hesitate to contact DJW.

* With my signature, I agree to have my name appear on the list of participants and to receive invitations to future DJW events via e-mail. I am aware that photographs or videos taken at the event might appear on the DJW website and on our social media presence.



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I would like to participate in

THURSDAY, MAY 11TH, 2017

(Venue: Japanese Chamber of Industry and Commerce (JIHK),
Berliner Allee 12, 40212 Düsseldorf)

- DJW Working Groups Meeting (2 to 4 p.m.)**
[participation fee: free of charge for every participant]

THURSDAY, MAY 11TH, 2017

(Venue: DJW Office, Graf-Adolf-Straße 49, 40210 Düsseldorf)

- “Talks’n’Tonic” Meeting of our DJW Board with Supporting Members**
[participation fee: free of charge for every participant]

FRIDAY, MAY 12TH, 2017

(Venue: Hydrogenic City Herten, old “Ewald” colliery, today “Revue Palast Ruhr”,
Werner-Heisenberg-Straße 2 - 4, 45699 Herten)

- DJW Symposium (9.30 to 1 p.m.)**
[participation fee: 0 € for DJW members / 35 € for non-members]
- DJW Members’ Assembly (2 to 3.30 p.m.)**
[participation fee: free of charge for every participant]
- DJW Guided Tour Users Centre “h₂Herten” (4 to 5.30 p.m.)**
[participation fee: free of charge for every participant]

I am or my company is ...

- DJW member.
- not a DJW member.
- interested in becoming a DJW member.
- sponsor of this event.
- media representative.
- interested in a shuttle service from Düsseldorf to Herten and return.

Title: _____ Family Name: _____

First Name: _____

Company: _____

Position: _____

Address: _____

Postal Code / City: _____

Phone / Fax: _____

E-mail: _____

Signature*: _____