

The partners of the EU 7th Framework Programme IAPP project “HELTSTACK” – NICPB, VTT and Elcogen’s Estonian and Finnish branches – organise an International Seminar “(r)Evolution in Energy Economics” in Tallinn.

The seminar, taking place on Friday, 8 May 2015 in the premises of the Estonian Academy of Sciences, has the aim to give an overview of the latest developments in the field of energy technologies.

The speeches will give a good overview of the economics and positive impact on the environment of the latest technologies. The speakers are internationally acknowledged researchers and from among the top management of technology enterprises.

The seminar also has a unique opportunity to present to the public the world’s first full production fuel cell car – Hyundai ix35 FuelCell.

Designed to look, drive and behave just like a conventional car, the ix35 has a 100 kW fuel cell stack that delivers performance and range on a par with diesel-powered vehicles: 0-100 km/h in 12.5 seconds, a 160 km/h top speed and a range of almost 600 km with the tank containing 5 kg of hydrogen. It takes 3 minutes to reload the zero-emission hydrogen-powered car, with the cost varying between 40-50 euros.



The seminar welcomes anybody interested in the field from research organisations and companies as well as public sector organisations, NGOs, etc.

The language of the seminar is English. Participation is free.

Please **register to the seminar by 4 May 2015 (included)** via e-mail eveli.kuuse@invent.ee or phone +372 556 515 79.

Appendix:

- Programme of the seminar – page 2

Programme of the international seminar

- 10:00-10:25 **Welcome coffee and networking**
- 10:25-10:30 **Opening words** / *Enn Õunpuu, Founder and CEO – Elcogen*
- 10:30-10:50 **Keynote: Estonia as a part of global energy economy** /
Ando Leppiman, Deputy Secretary General for Energy – Estonian Ministry of Economic Affairs and Communications
- 10:50-11:20 **Towards sustainable integrated energy systems – distributed low emission production, storage and smart grid** /
Jukka Paatero, Senior University Lecturer – Aalto University
- 11:20-11:45 **Fuel Cell Systems -efficient and sustainable distributed energy production** /
Tuomas Hakala, Co-founder – Convion
- 11:45-12:45 **Hyundai iX35 FuelCell car presentation** /
Lunch and networking
- 12:45-13:15 **Smart Grid Systems** / *Kaj Rönnlund, CEO – There Corporation*
- 13:15-13:45 **Hydrogen Society, goal and Japanese strategy for realisation** /
Jussi Solin, Senior Researcher – VTT Technical Research Centre of Finland
- 13:45-14:15 **Hydrogen infrastructure, scenarios and realization in Scandinavia and Baltics** /
Kalevi Korjala, CEO – Woikoski
- 14:15-14:45 **Wind and Solar Power Storage and Conversion to Gas and Liquid Fuels** /
Prof. Enn Lust – Tartu University
- 14:45-15:15 Final discussions, networking and snacks /
Hyundai iX35 FuelCell car presentation