

Description of the presenters

Wed 5/10 *Presentation of foreign and Hungarian companies, organizations, universities, and research centers*

Industrial and Technology Park of Budaörs: Visiting the Industrial and Technology Park, visiting energy and construction companies:

- **KT Electronic Ltd.** (<https://kte.hu/>)

KT-Electronic Kft. is one of Hungary's market leaders in the distribution of quality electronic devices. Due to the importance of environmental awareness, they are engaged in the production and distribution of the latest generation lighting devices based on UHP (Ultra High Power) LED technology. Our company manufactures and distributes LED and SOLAR devices.

- **Heat Ventures Ltd.** (<https://www.heatventors.com/>)

Our mission is to find efficient and environmental friendly solution for the arisen problems with thermal energy storage. There are many known solutions even so an engineer can never accept a current, quite-good solution but have to create and develop something new. Our technology is patented, but our research can never end, our goal is to reach better and better scientific results, make the energy systems more efficient and save the environment. We made a modelling algorithm, to simulate the processes inside these materials and create more efficient energy storages. Since than we verified our solution with prototypes and pilot projects and now we have many working systems in the national and international market.

- **Kon Trade Ltd.** (<https://kon-trade.hu/en/about-us/>)

The company has become a significant factor in the indigenous vacuum technological industry. Now they also repairing the malfunctioning devices during and after the warrantee period; but they can also design special-purpose vacuum technical machines and tools.

ArchEnergy Cluster – Dénes Bulkai (chairman): Welcome, presentation of ArchEnergy Cluster

<http://www.archenerg.eu/en>

ArchEnergy was established in 2007 with the aim of creating an economic and social model based on renewable energy sources and energy efficiency that moves green economy enterprises and society towards a more sustainable future. ArchEnergy International Renewable Energy and Building Trade Cluster won the certificate of “Accredited Innovation Cluster” all times.

MATE (Hungarian University of Agricultural and Life Sciences): presenting the MATE

<https://archive.uni-mate.hu/en>

HEPA (Hungarian Export Promotion Agency): “Hungarian opportunities for european companies”

<https://hepa.hu/en>

EEN (Enterprise Europe Network) – Sára Holly

<https://een.ec.europa.eu/>

Thu 6/10 *Visits*

ÉMI Construction and Technology Center – presenting and visiting the center

https://emi.hu/EMI/web.nsf/Pub/index_en.html

We have developed an innovative multi-element project for the ÉMI Industrial Park in Szentendre that is unique in the field of construction, and that has the potential to lay the foundation for the development of domestic energy conscious building.

Energotest Ltd. – visiting the company

<http://www.energotest.eu/?lang=en>

ENERGOTEST Ltd. has been functioning since 1990 in the field of garage industry as a developing, manufacturing and distributing company. Energotest is dedicated to environment protection. With green thinking and innovative developments try to spread this way of thinking to all of partners and employees. In the future more and more importance must give to energy saving solutions, developments. Energotest products are heating centers, heat pump systems, surface heating/cooling and thermo activated slab heating modules, parking solution with solar panels and chargers for e cars, energy basket for heat pump systems, automatization of energy system on 3 levels, production of control panels, energy monitoring system and data management, measuring solutions in energy systems, analyzing thermal camera photos.

Horizont Global Ltd. – visiting the company

<https://horizontglobal.com/en/home/>

Horizont Global Ltd. is the owner of the HORIZONT™ Energy Efficient Buildings Technology and the manufacturer of the steel frame profiles and structure. They provide a complete service in design, construction, and turnkey construction. HORIZONT™ steel frame construction technology is made up of walls, ceiling, beams and roof structures to build residential, public, industrial and commercial facilities.

Fri 7/10 Presentations

Hungarian Hydrogen Technology Association – presenting and visiting the association

<https://hh2.hu/index.php/en/fooldal-english/>

Hydrogen and hydrogen technologies play an important role in the sustainable energy and transport system of the future, being essential to achieve the goals of decarbonisation energy, a high degree of integration of renewable sources, and offer significant opportunities for industrial and economic development.

Zalavíz Plc. "Supercritical water gasification of sewage sludge, wet biomass-based hydrogen production"

<https://www.zalaviz.hu/index.php/en/our-company>

The main activities of the ZALAVÍZ Waterworks Company are water production, management and distribution, disposal and cleaning of sewage. We are also providing the following services: laboratory test of drinking water and sewage, drain cleaning, well repairing.

GET Ltd. – Molnár Gábor (ügyvezető)

<https://www.getgroup.co.hu/en/home/>

We have a wide range of products, which we shape to comply with your demands reliably and calculably in the long run. With the help of our experience in illuminating engineering we have established Papillon brand.

Kontakt-Elektro Ltd.

<https://www.kontakt-elektro.hu/en/>

The company is a well-established supplier among industrial enterprises in the fields of electrical automation, electronic and sensor technology. Our main strategic activity is the design, production and onsite assembly of devices and tools necessary for the electrical automation of facilities and industrial establishments. They profile also contains hydrogen fuel cell application.

ALTEO Plc.

<https://alteo.hu/?lang=en>

ALTEO Group is a company focusing on energy investments, energy production and trading. ALTEO Group's service portfolio mirrors this threefold division: power generation, energy trading and energy services.