Velvyslanectví České republiky
Embassy of the Czech Republic
Tšekin tasavallan suurlähetystö

The Ambassador of the Czech Republic

H.E. Mr. Adam Vojtěch

has the pleasure to invite you to

the Czech-Finnish Battery Day

Thursday, 23rd of November from 8.30 – 14.30 o´clock.

At the premises of the Embassy of the Czech Republic

Armfeltintie 14, Eira, Helsinki

Please register here: https://forms.gle/gCX5hfMxvBp6ma2MA

Program:

8:30 – 9:00	Registration and coffee
9:00 – 9:05	Welcoming words, Adam Vojtěch, Ambassador of the Czech Republic
9:05 – 9:20	Finnish Battery Industries, Pia Vilenius, CEO
9:20 – 9:30	Czech Battery Cluster, Tomáš Kazda, Chairman
9:30 – 11:15	Czech companies presentations
11:15 – 11:30	Coffee break, snacks
11:30 – 12:15	Czech academic institutions presentations
12:15 – 13:15	Networking lunch at the Embassy
13:15 – 14:30	B2B meetings

Description of Czech companies and academic institutions looking for partnerships with Vaasa region business players and academia within the battery value chain

BatteryCheck

BatteryCheck helps companies safely operate the batteries they use in their equipment. It provides continuous monitoring and alerting, including predictive battery analysis. The company develops proprietary algorithms to predict the cycle life of batteries used in battery energy storage systems or in other applications.

Production and development of modules and BMS, electromobility, safety and storage, battery second-life

Bilfinger Tebodin CZ

Bilfinger Tebodin is an international engineering and consulting company focused on manufacturing technology, civil engineering and infrastructure. The company is also experienced in the design of factories related to the production of batteries or battery components.

Extraction of raw materials, materials for battery production, battery production and development, production and development of modules and BMS, recycling

FOXCONN CZ

Foxconn is the world's largest technology manufacturer and service provider. The company is focused on electronics and electronics for electromobility and battery storage systems and technical solutions for complete units.

Production and development of modules and BMS, production of battery energy storage systems, electromobility

ChargeUp

ChargeUp offers top-notch solutions for e-mobility: software without limits that is easily integrated into existing IT environments. It provides a complete solution for e-mobility consisting of cutting-edge stations and related accessories, reliable management software, and services.

EV charging platform for public and private charging

Kovohutě Příbram nástupnická

Kovohutě Příbram is a company with several hundred years of tradition, which operates as the largest Czech recycler of lead-acid batteries. It specializes in purchase and recycling of lead waste, lead acid automotive batteries - lead production. Simultaneously, the company produces lead and lead alloys, lead and tin products and recycles wastes containing precious metals, including wastes of electric and electronic equipment. Currently, it operates the first prototype line for recycling Li-ion batteries in the Czech Republic.

Materials for battery production, recycling

REMAVY GROUP

REMAVY GROUP offers battery storage from 186 Kw to 100 MW. Batteries consist of LiFePo 4 and Li-on cells, are liquid-cooled and compensate for deviations in the electrical network. The company also supplies a multilingual management system.

Development and production of battery storages (saving, backup, peak shaving, trading, aggregation, balancing)

ZEBRA Technologies

Zebra Group is focused on the production and sale of multifunctional municipal vehicles - interchangeable body carriers, including pure electric vehicles.

Production and development of modules and BMS, electromobility, safety and storage, battery second life

CEITEC (Central European Institute of Technology)

CEITEC is a multidisciplinary research center focusing on material characterization and providing a variety of expertise in battery testing. CEITEC includes a group dedicated to CT analyses to study the internal structures of individual cells, either during their manufacture or after their use in an application. Another group is working on ALD (Atomic Layer Deposition), which can be used to modify the surfaces of active materials for batteries.

Materials for batteries production, battery production and development

Czech Technical University in Prague

ČVUT is one of the largest and oldest technical universities in Europe and the largest technical university in Czechia. It focuses on the development of BMS and testing of commercial batteries their modelling and its application in Energy Storage Systems and e-mobility. The university is also involved in education in the above-mentioned areas.

Battery production and development, production of modules and BMS, electromobility, safety and storage, battery second-life

Brno University of Technology

Within the BUT Brno, research is conducted in the area of materials for electrodes of Li-ion and post-Li-ion batteries (Na-ion, Li-S). The University also performs testing of commercial batteries of various sizes up to batteries for EVs, including prediction of ageing and their properties using mathematical modelling and simulations from electrochemical processes to modelling of battery packs. Direct material recycling for Li-ion batteries is also investigated within the University, as well as the design of electric engines and control systems. The University is also involved in education in the above-mentioned areas.

Materials for battery production, battery production and development, production and development of modules and BMS, electromobility, safety and storage, battery second-life, recycling