

## Future Job Roles & Skills in Stationary Battery Storage: Battery Safety, Grid & Telecom Applications

### SPEAKERS BIOS

January, 26<sup>th</sup> 2021  
15:00-16:15 CET



**Johan Söderbom** has been active in the energy sector for 25 years mainly working with R&D for the electricity system. Between 1995 and 2014 Johan worked at Vattenfall AB in various positions in R&D. From 2014 to 2019 Johan was heading a section at RISE (Research Institutes of Sweden) responsible electrical and optical measurement technology and he now holds the position of thematic leader for Smart Grids and Energy Storage.

**Kari Valkama** is a project manager at the Technology Centre Merinova in Finland. Merinova is a key member of the energy cluster in the Vaasa region. Its cutting-edge expertise is in energy technology, business development and operational conditions. Technology Centre Merinova is involved in various projects, programs and services both regionally, nationally and globally. Kari holds a degree in Business Administration. He has years of experience in working with business and general development related tasks in SME companies in metal and cleantech industries.



**Mikko Saastamoinen** is a shift officer in the rescue department of south karelia (team leader). He has 20 years in fire & rescue services and is the main extrication instructor in rescue department of south Karelia and at the Finnish association of fire officers. He is also the Finnish representer in CTIF commission for extrication & new technology (CTIF is international fire& rescue association which has several different commissions).He was awarded the Firefighter of the Year 2020.

A photograph of several large, white, rectangular stationary battery storage units arranged in a row. In the background, there are solar panels and a clear blue sky.

stationary

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**Karoliina Meurman** is working at the **Finnish Safety and Chemicals Agency (Tukes)** with **market surveillance of products** meant for early fire detection and extinguishing small fires, for example smoke alarms, CO alarms and first-aid extinguishing equipment. Lithium ion battery fires have become familiar to Karoliina when estimating the effect of lithium ion battery fire extinguishers. Karoliina has also expanded her expertise into bigger battery applications and their fire risks. Karoliina is Master of Science in Technology (chemistry) and has worked as a public authority for 15 years.



**Ismael Miranda** is currently the **manager of the digital energy hub at Efacec**, dealing with microgrids and their optimal energy management. He holds a PhD in Electrical and Computer Engineering from the faculty of Engineering of the University of Porto, focused on the integration of Battery Storage in distribution networks of interconnected and islanded power systems. Since 2012 with Efacec, Ismael has performed roles related with R&D, from a researcher in Smart Grids and developing the participation of the company in national and European projects, to leading the R&D department of the Energy Storage division.

**Jussi Havela** is the **Production Manager at Telia Towers**. He has a background in manufacturing industry of electrical equipment. His practical experience at ABB covers positions from designer to department management. Jussi has utilized this knowledge to management of critical facilities operations, First at Coromatic and now at Telia Towers.

