



Leverage from  
the EU  
2014–2020



VARSINAIS-SUOMEN LIITTO  
EGENTLIGA FINLANDS FÖRBUND  
REGIONAL COUNCIL OF SOUTHWEST FINLAND

Turku Science Park Oy & Yrityssalo Oy

Kick-off 18.2.2021:

# Growth from the Electrification Business Ecosystem

## Speaker introductions

Jyrki Alkio, Ministry of Economic Affairs and Employment (TEM)

Jyrki Alkio is working as a chief specialist at the Ministry of Economic Affairs and Employment of Finland. He is leading the circular economy and carbon neutrality team in the ministry. He was also the vice chairman of the group developing the Finnish national battery strategy in 2020. Jyrki Alkio has background in journalism. He has been working for the leading Finnish news publications, last as the editor-in-chief of magazine Tekniikka&Talous.

Matti Hietanen, Finnish Minerals Group (Suomen Malmijalostus Oy)

Mr. Matti Hietanen is CEO of Finnish Minerals Group and vice chairman of the board of Terrafame Oy. Mr. Hietanen is also a member of the board of VTT Technical Research Centre of Finland Oy which is one of the leading research and technology organizations in Europe. Prior to his career in metals and mining Mr. Hietanen worked as a civil servant in the ministry of economic affairs as well as in other ministries.

## Session 1: From Mine to Mining

Tor Stendahl, BASF

Country Manager for BASF in Finland and General Manager Nordics for Battery Materials and Metal Services.

An over 23 year long career at BASF, predominantly in sales, having worked for numerous different businesses including paper chemicals, chemical intermediates, inorganics and performance chemicals.

Took over as Country Manager in 2016 and has since the announcement of BASF's investment plans into Battery Materials in Europe, been heavily involved in the investment project for pCAM production in Harjavalta. Educational background; MSc in Chemical Engineering from Åbo Akademi University. Lives in Helsinki, married and has 2 children.

Mikael Mäki, Valmet Automotive

Mikael Mäki is working as Manager of Corporate Communications at Valmet Automotive, responsible for internal and external communication in Finland and Scandinavia. He joined the company in 2011, after a decade-long career in various communication and media related positions.



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## Mats Eriksson, Sandvik Mining and Construction Oy

Mats Eriksson was appointed President of Load and Haul Division, Sandvik Mining and Rock Solutions in November 2016, and Managing Director of Sandvik Mining and Construction Oy in January 2018.

Mats Eriksson has over 30 years' experience across a range of diversified industries, including computing, software, mobile phone component manufacturing, automation and laser solutions, as well as products for the construction and shipping industries.

He has extensive global and executive experience, and a deeply strategic approach of managing international organizations, strategy implementation, B2B business, mergers and acquisitions. His career assignments and responsibilities have spanned the globe, including positions in Germany, Singapore, China and South Korea.

At Sandvik Mining and Rock Solutions, Mats is President of Load and Haul, one of the Business Area's biggest Divisions with operations in Finland, China and USA. Division's product offering includes underground loaders and underground trucks with increased focus on electric-powered equipment to meet the demand for a cleaner, safer and quieter mining environment.

Prior to joining Sandvik, Mats held a number of senior management positions at global companies, including President and Chief Executive Officer, Vice President of Sales and Marketing.

Mats holds a bachelor's degree in computer science and business studies from Åbo Akademi University in Finland.

## Session 2: From Transport to Logistics

### Juha Parkkonen, Turun Kaupunkiliikenne Oy

Turku Kaupunkiliikenne Oy is one of the strategic companies of the Turku City Group. The company launched the first electric bus line in Finland in 2016. Juha Parkkonen is the company's CEO.

### Mikku Nurmela, Cargotec

Mikko is working as R&D manager for Kalmar horizontal transportation solutions. His applied research themes are hybrid and electric power trains for cranes and mobile working machines including charging solutions. Specially batteries and other energy storage systems, electric drives and motors. Mikko has 20 years of experience on hybrid and electric power line development on mobile applications. He has experience in Engineering and Technical roles as well as supporting customer projects.

### Harry Lilja, Micropower Group

Tekn.lis.,TKK -91. Koneenrakennus, Tuotannon tietotekniikka.

Teknisen myynnin moniottelija jo 30 vuotta.



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Myyntijohtajana: VTI Technologies Oy, Powernet Oy

Toimitusjohtajana: Beijer Electronics Oy, Aplac Solutions Oy

Micropower Oy:n Toimitusjohtaja 1/2019->

Licentiate of Technology, HUT -91. Mechanical Engineering, Industrial IT.

Technical sales all-rounder past 30 years.

Sales Director: VTI Technologies Oy, Powernet Oy

Managing Director: Beijer Electronics Oy, Aplac Solutions Oy

Managing Director, Micropower Oy, 1/2019->

### Session 3: From AI to Reuse & Recycling

Tero Nordström, Sade Innovations

Tero Nordström works in SADE Innovations Oy (<https://www.sadeinnovationc.com>) as CTO & Software lead. Tero has long experience working as software architect & team lead in Nokia, Microsoft and NUVIZ Oy. Lately Tero has been working with various IoT projects in SADE Innovations responsible for both system design and project leading.”

Mika Kanninen, Akkurate

Mika has an extensive, over two decades, experience in the battery industry. Prior to establishing Akkurate oy in 2016 with three other founders he held several positions within Nokia & Microsoft Mobile battery research & development organizations. Mika has worked with the world's leading battery manufacturers and led the development of battery technologies. During the years the commercial side of battery mass manufacturing and economics of scale has become familiar to him by managing a portfolio of over four (4) billion batteries in the field.

Mika and Akkurate push for digitalization and intelligent battery diagnostics to enable companies to use their batteries more efficiently for longer and determine the residual value. Mika was one of the first Finnish participants joining European Battery Alliance (EBA) and recently he has contributed in Batteries European Partnership (BEBA) and European Association for Storage of Energy (EASE).

Kenneth Ekman, CrisolteQ Oy (A Fortum company)

Dr. Kenneth Ekman (male), CEO and founder of Crisolteq. Currently Head of concept and technology development at Fortum Battery Line.

PhD in polymer technology, serial entrepreneur with experience of both SME's and large companies (Deep knowledge and understanding of metal chemistry and manufacturing of specialty products. Before founding Crisolteq in 2005, Kenneth was the Managing Director and Partner of Smoptech, a Johnson Matthey company.



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Experience from scale up and commercialisation of research results and starting and running small chemical companies.

Education: Doctor of Technology, Polymer Technology, Åbo Akademi University.