

**BotH<sub>2</sub>nia**



EVENT · EVENT · EVENT

**BotH<sub>2</sub>nia goes Oulu & Raahel 5.–6.5.2022**

# **This is a presentation given at the event BothH<sub>2</sub>nia Goes Oulu & Raahe on 5.–6.5.2022.**

**BothH<sub>2</sub>nia is a network of operators interested in hydrogen. The objective of the network is to create a Nordic hydrogen cluster around the Baltic Sea, beginning with the Bothnian Bay. BothH<sub>2</sub>nia strengthens the position of the north in the European hydrogen industry!**

**BothH<sub>2</sub>nia invites all businesses, research institutes, investors, municipalities and cities to roll up their sleeves for a greener future.**

**Please notice that the presentation has been modified to comply with the Accessibility Directive. In case for need the original material, please contact Minna Näsman (minna.nasman@both2nia.com).**



5. - 6.5.2022

# BothH2nia goes Oulu & Raahе



9.30 - 14.45



Oulu & Raahе



# Welcome to Oulu and Teams!

**Your host in  
Oulu:**

**Pekka  
Tervonen**

Questions /  
comments?

- Raise your  
hand

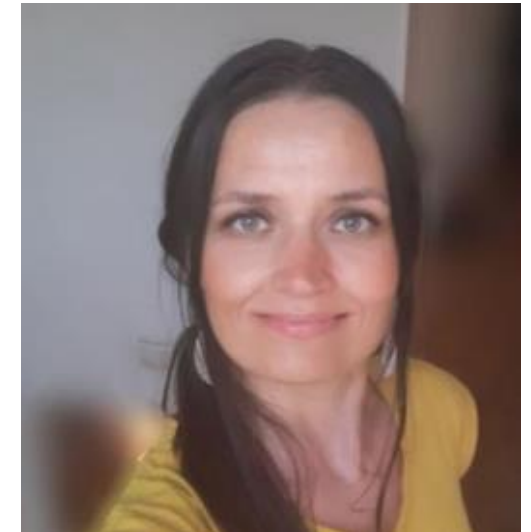


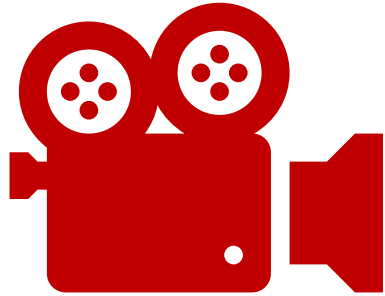
**Your host in Teams:**

**Anu Sirviö**

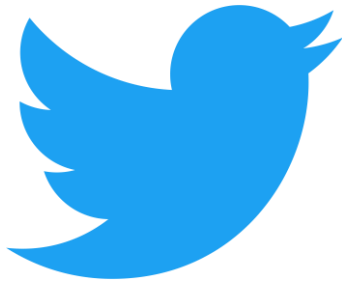
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comments?

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## 9.30 Keynotes

- **Welcome to Oulu** / Mirja Illikainen, University of Oulu
- **Energy security through hydrogen: cross-border industrial co-development** / Rick Abrahamsson, Vattenfall

## 10.00 Live webinar 1: Hydrogen news from the knowledge community in Oulu

- **Solar Hydrogen as a Solution in Hydrogen Transition** / Marko Huttula, University of Oulu
- **Hydrogen: Reducing Agent and Energy Source in Steelmaking** / Timo Fabritius, University of Oulu
- **Electrofuels, Hydrogen and Biomethane in Transport** / Riitta Keiski & Juho Könnö, University of Oulu
- **Hydrogen Resistant Steels** / Jukka Kömi, University of Oulu
- **Hydrogen Business Development** / Marika Iivari, University of Oulu

**11.30** Coffee break

Check and choose  
your lab rounds (2)

**12.00** Visit the places where knowledge is born: five hydrogen laboratories within reach

**13.00** Lunch

Lunch voucher comes  
with the event pass





## 14.00 Live webinar 2: Hydrogen news from companies in Oulu region

- **Power to X – towards a resilient and self sufficient energy system** / Sami Lakio, Qpower
- **Hydrogen economy accelerated** / Vikke Saarelainen, Skarta
- **Production of green hydrogen as part of international business** / Juha Ahvenlampi, Air Liquide
- **Direct connection to wind and salt/brackish water, for green hydrogen** / Björn Santana Arvidsson, Lhyfe

**15.30** Coffee break

**16.15** Bus transfer from Oulu to Raahen

**19.00** Dinner at restaurant Raahen Hovi



**Thank you for listening  
and have a good coffee!**

**BotH<sub>2</sub>nia**



5. - 6.5.2022

# BothH2nia goes Oulu & Raahе

🕒 9.30 - 14.45 📍 Oulu & Raahе



# Welcome to Raahe and Teams!

**Your host in  
Raahe:**

**Pasi  
Pitkänen**

Questions /  
comments?

- Raise your hand

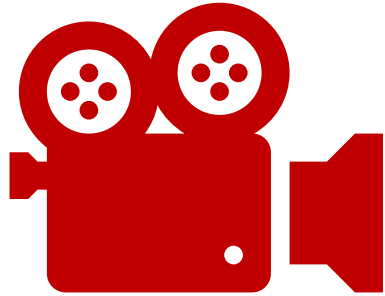


**Your host in Teams:  
Harri Tuomikoski**

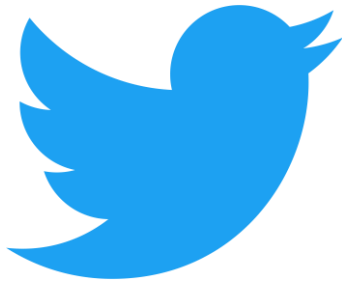
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[#BotH2niaGoesOulu](https://twitter.com/hashtag/BotH2niaGoesOulu) when tweeting



## 9.00 Live webinar 1: Industry - the Heartbeat of Raahе

- **Welcome to Raahе** / Pasi Pitkänen, City of Raahе
- **SSAB's new Nordic strip production system** / Jarmo Lilja, SSAB FIN
- **Effective and sustainable conversion of biomass to replace fossil fuels** / Johan Sandstedt, RISE

## 10.30 Live webinar 2: Hydrogen - the Future of Industries

- **Sunfire Electrolysis – Green Hydrogen and Syngas for industrial applications** / Wolf Thyssen, Sunfire
- **Location survey for hydrogen production and storage** / Karoliina Markuksela, Ramboll
- **Future Hydrogen Project Opportunities** / Federica Polo, Merinova

**11.15 Lunch**

Grab lunch with  
your event pass



**12.30 Visit the place where fossil free steel is born: SSAB Europe Oy**

**- Bus transfer via the Port of Raahе**



Ask reception  
when checking  
out where to  
leave your  
luggage

Bus transfer from Raahе to Oulunsalo/Oulu



**Thank you for listening  
and bon appetit!**

**BotH<sub>2</sub>nia**

