

BotH₂nia



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EVENT

BotH₂nia goes Oulu & Raahel 5.–6.5.2022

This is a presentation given at the event BothH₂nia Goes Oulu & Raahe on 5.–6.5.2022.

BothH₂nia 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. BothH₂nia strengthens the position of the north in the European hydrogen industry!

BothH₂nia 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).

Welcome to RAAHE



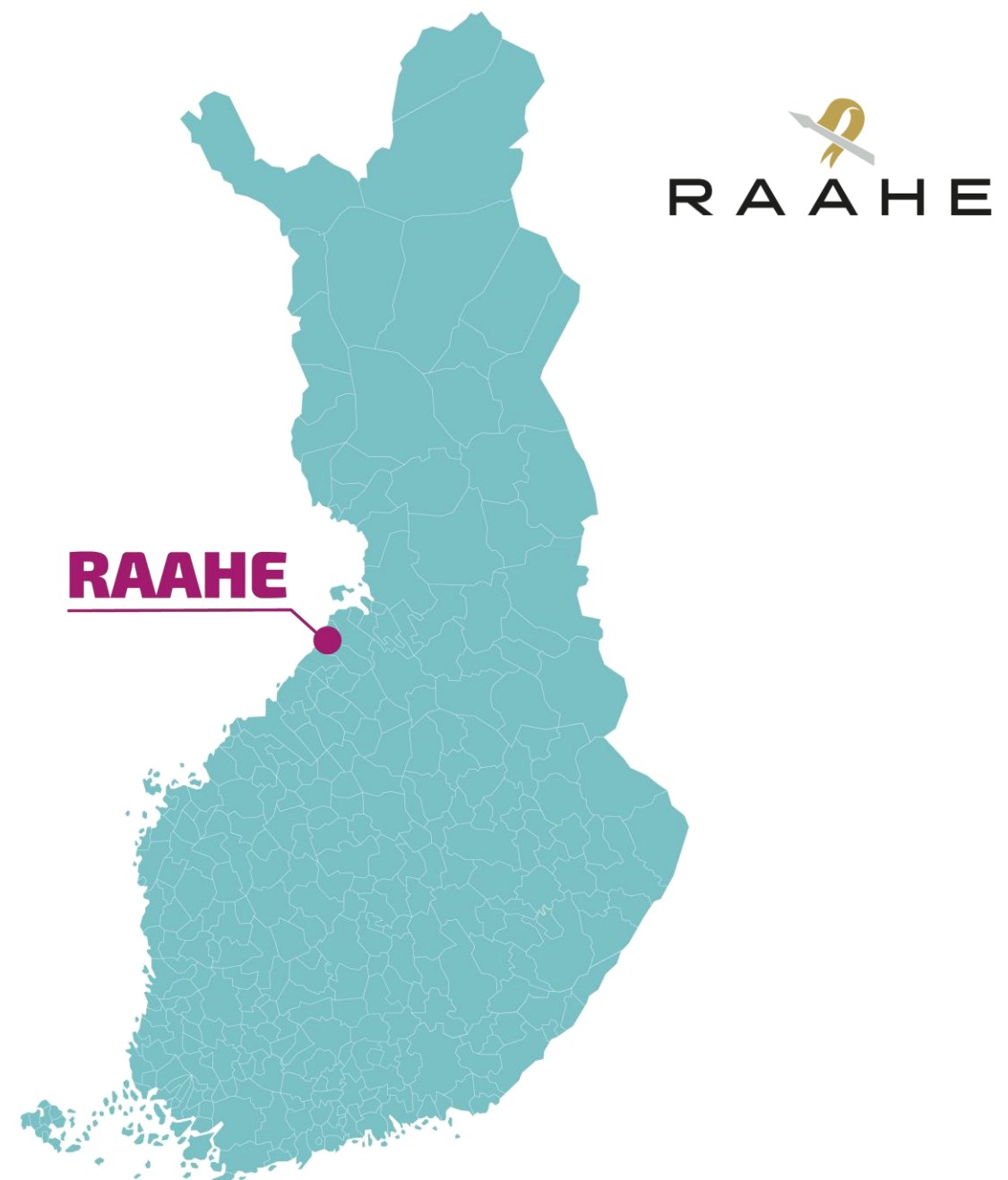
Pasi Pitkänen
Both2nia Goes Raahе
6.5.2022



Basic Facts

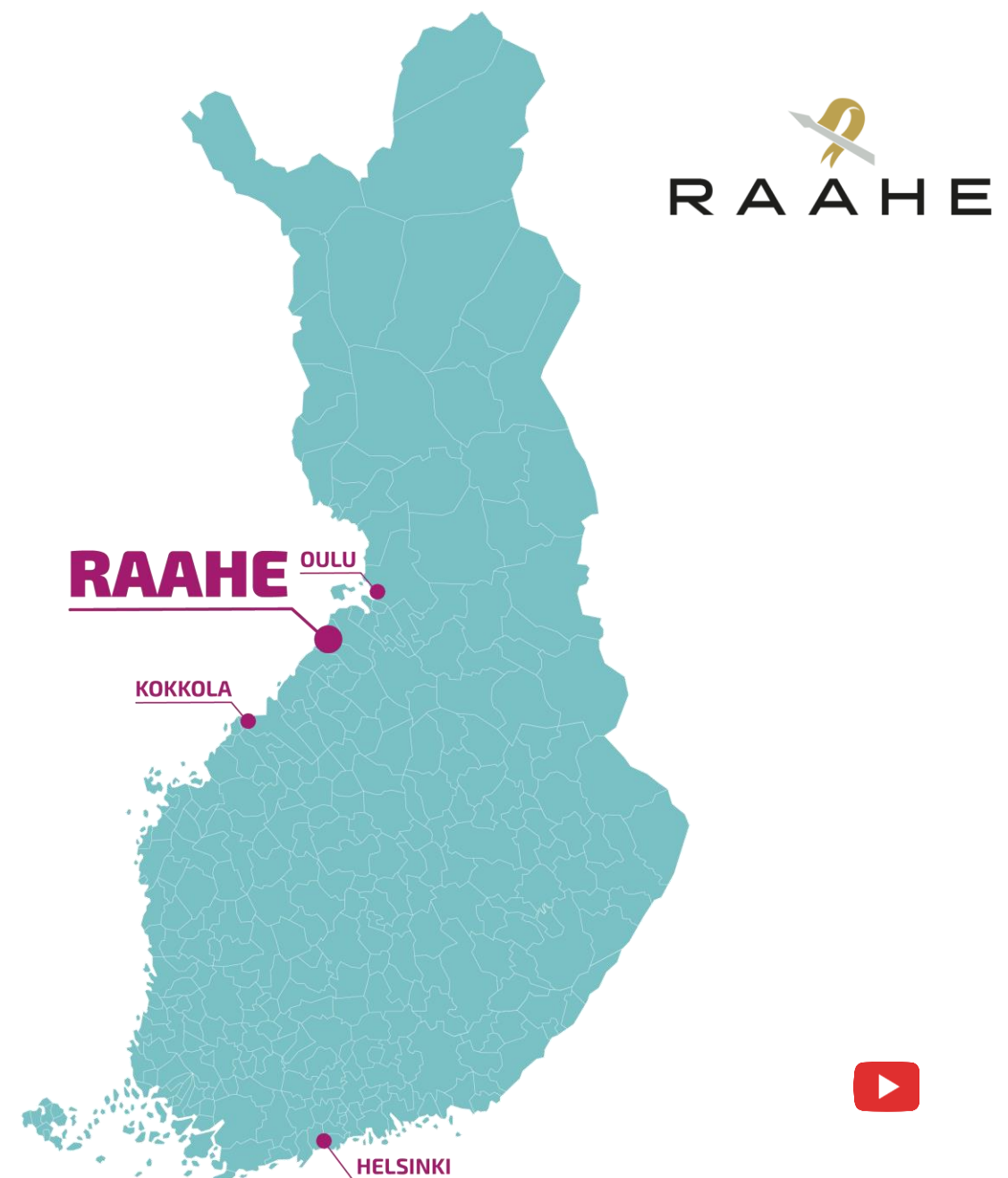
Raahe: Facts

- Raahe is located on the shore of the Bay of Bothnia, along Highway 8.
- The town was established in 1649, 370 years ago, by Count Per Brahe.
- 24 300 inhabitants
- Raahe is known as a steely port town



Distances

- Excellent location
 - By car
 - By train
 - By plane
 - Port of Raahе
- To Oulu 75 km = 1 hour by car
- The airport in Oulunsalo 70 km = 1 hour by car
- To Helsinki 604 km = 1 hour by plane



Raahe: Metal Industry City



Workplace self-sufficiency 114.6%



- In 2019, there were 10 056 workplaces in Raahe
- Raahe's industrial sector employ 3 500 persons
 - One of the most industrialized areas in Finland
- Health care and social services employ more than 1 500 persons.
- Workplace self-sufficiency 114.6% (2019)

Dynamic Raahe

- We encourage and support entrepreneurship.
- Raahe has a lot to offer especially for industrial and housing construction purposes
- Raahe has plenty of business premises for rent and the rents are affordable.



100 years of industrial history: Examples

- Ruona Industrial Area:
1919 ->
 - Miilukangas Oy
 - Raahen Valimo Oy
- Korsu Oy: 1920 ->
- Rautaruukki Oyj &
SSAB Europe: 1960 ->



Source: www.ruona100.fi

Large metal industry backbone: More examples



- Raahen Konepajatyö Oy
- R-taso Oy
- Raahen Terästuote Oy
- Tevo Oy & Tevo Lokomo Oy
- JMC Engine Oy



Raahe: City in Transition

Steel City with a Green Twist 1

- SSAB Europe and Fossil Free Steel
 - HYBRIT
- Green transition and hydrogen economy
 - Location Survey for Hydrogen Production and Storage
 - Active role in network building
- "Capital City" of Wind Power: Onshore
 - Raahe: 62 units, 196,5 MW/a, third largest production in Finland
 - Region: year 2022, 500 MW new-built
- "Capital City" of Wind Power: Offshore
 - Maanahkiainen, Ulkonahkiainen, Halla, Laine (Kokkola)

Steel City with a Green Twist 2

- Port of Raahe:
 - One of the biggest ports in Finland
 - Wind power hub
 - Hydrogen economy & synthetic fuels
 - Large investment projects
- Recycling of large metal structures & development of recycling technology
- Woodcomp Oy:
 - Competitive advance with industrial wood construction
- The City of Raahe is a member in HINKU-network (carbon-neutral municipalities)
 - 53 % reduction in climate emissions during 2007-2017

Raahe:
Skills and
knowledge



Secondary Level

- Brahe Education Centre, which includes:
the Raahe Vocational Institute,
the Ruukki Agricultural Institute
and the Lybecker Institute
- Raahe Business College
- Raahe Upper Secondary School



Tertiary / higher Level

- Degree Programme in Construction Engineering, Bachelor of Engineering
- Degree Programme in Mechanical Engineering, Bachelor of Engineering
- Multi-campus concept
 - Combination of secondary and tertiary education



Attractive Raahe

Archipelago

- The Raahe archipelago is part of the Natura 2000 network.
- Recognised as the outdoor destination of the year in 2016.
- A diverse travel destination all year round.



Events for the whole family, music-lovers and culture appreciators



- Raahe Music Weeks
- Raahe Festival
- Raahe Gospel
- Rantajatsit – Jazz on the Beach
- Sulatto
- Raatiroll
- Brahe Classica
- Shrovetide Fun
- Puluvärkki ICE
- Pooki Flakkaa – Raahe Maritime Festival
- Pikkulahti Kids
- Raahen Pimiät
- Raahe Christmas Fair
- Public Independence Day Celebration
- Pekanpäivät
- Night of the Arts
- Raahe Book Fair
- Vihannin Vesihelmiviikko

Thank You!

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