

ELMAR seminar 2 June 2021

Michael Erman:

Region Stockholm's strategy for CO₂ neutral public transport – and the role of marine e-mobility for achieving this goal



European
Regional
Development
Fund



Stockholm region

5,600 km²

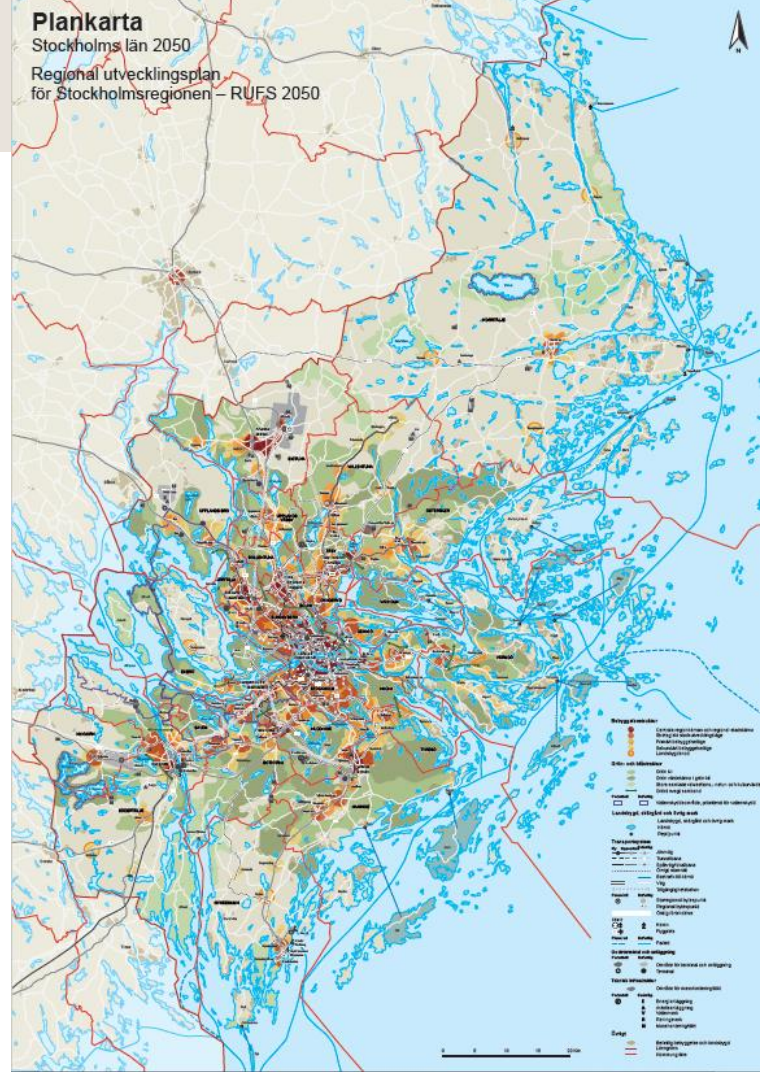
2.3 million inhabitants

1.1 million working places

Both urban & rural

Harbour city, lively maritime traffic

Archipelago with 23,000 islands



Vision:

An attractive, **sustainable** and growing **region** with freedom for the inhabitants to form their own life and make important decisions.



Stockholm Region

- Public transport authority & administration, procures traffic services, politically steered
- Many steering documents as e.g. Regional Development Plan 2050 (RUFS 2050), Regional public transport supply plan and maritime traffic development plan
- Politically agreed goal: Public transport in Stockholm County shall be easily accessible, reliable and environmentally friendly




Overarching goal: carbon neutrality by 2045
(= *as national goal*)

Environmental program - goals for maritime transport

- Reduced use of fossil fuels
- Decrease of emissions
- Less harmful impact of ships on shores and nature

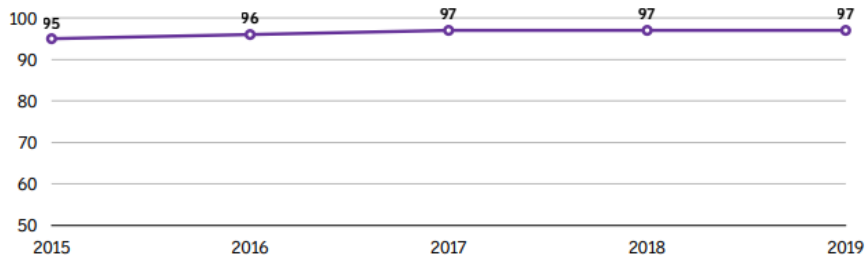
Year 2021 shall 90 % of all vessels run with renewable fuels (biodiesel, HVO, electric)

Some important facts on our vessels and maritime operations

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- Maritime public transport < 1 % of all public transport in Stockholm region
 - About 10 million litre fuel consumption
 - Fleet: 21 own vessels, 40 procured
 - Annual costs for the procured operations: 38 M Euro

Commuter vessels

Satisfaction – traveller rating for the commuting lines. Share of satisfied



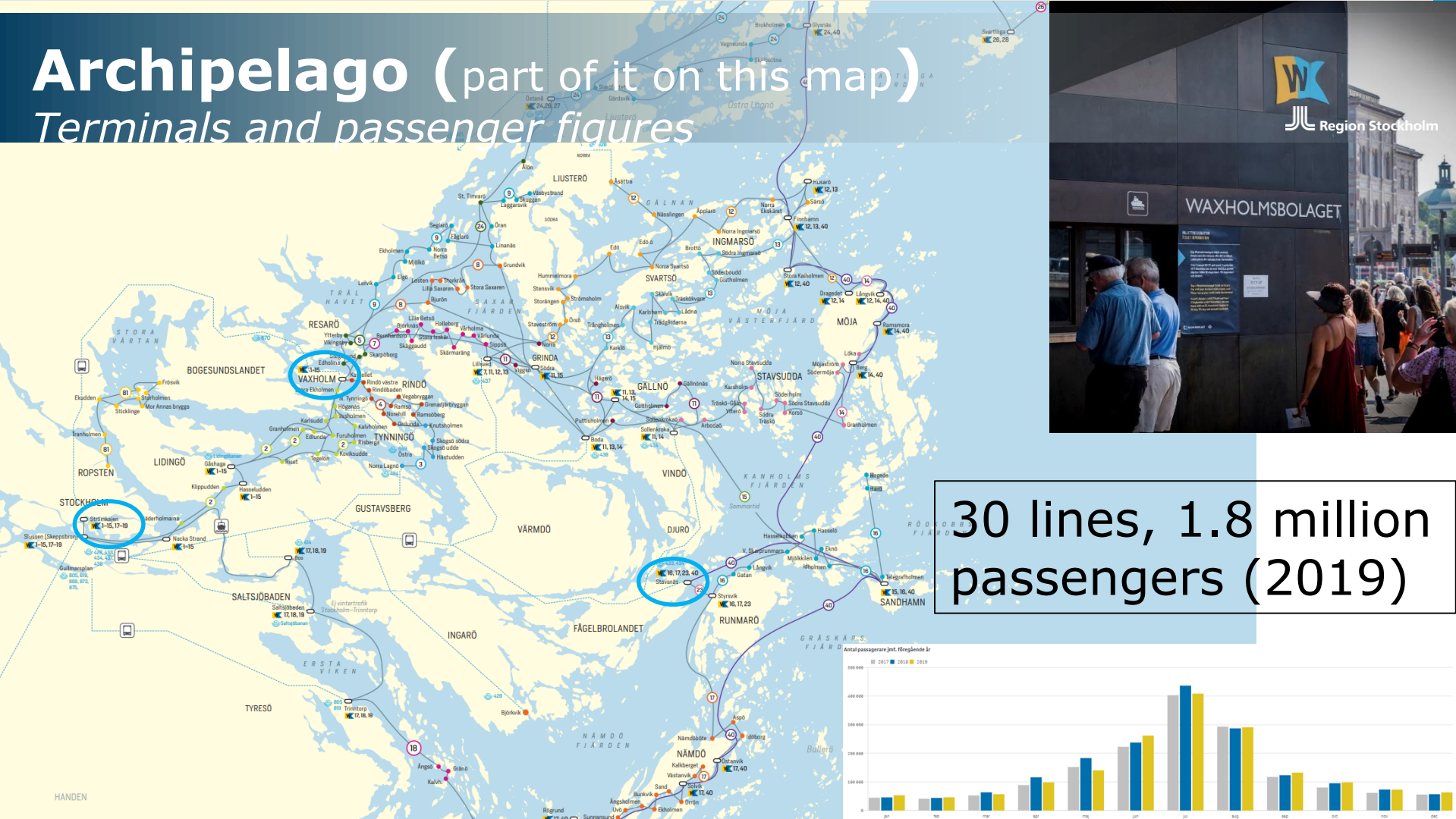
Four commuter lines within the central, dense parts of the Stockholm region

4 million passengers (year 2019)

Operation:
Region Stockholm

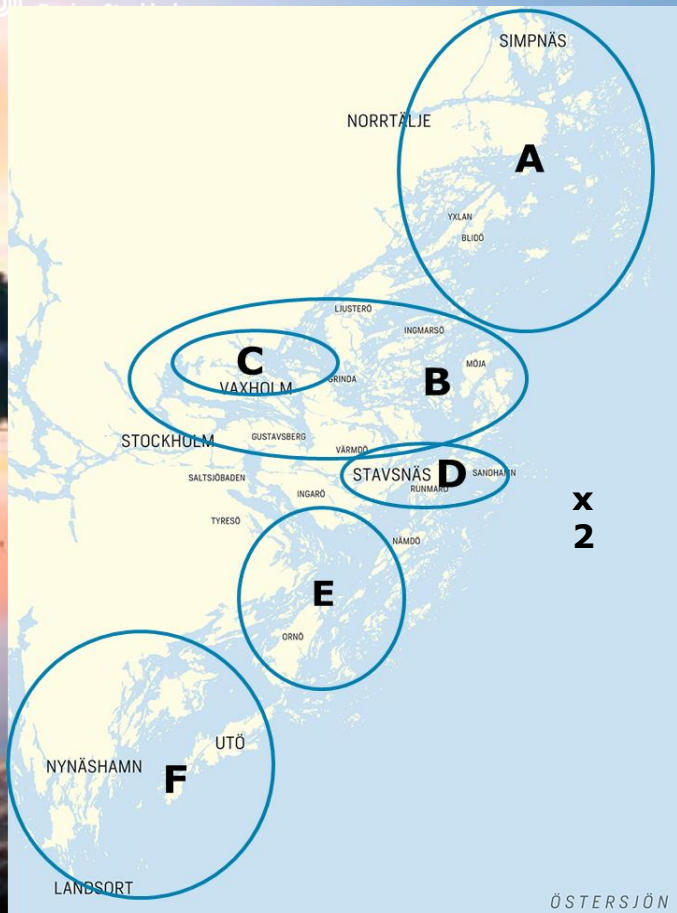
Archipelago (part of it on this map)

Terminals and passenger figures



30 lines, 1.8 million passengers (2019)

Traffic contracts archipelago



Traffic operators

- E29 A – Blidösundsbolaget (Transdev)
- E39 B – Blidösundsbolaget (Transdev)
- E39 C – Blidösundsbolaget (Transdev)
- E29 D1 – Sea Cab & Ingmarsö Sjöttjänst
- E39 D2 – Madam Rederi
- E29 E – Utö Rederi (Transdev)
- E29 F – Utö Rederi (Transdev)

All contracts expire in 2026

Climate requirements in all contracts

Examples

Environmental requirements in contracts (based on Environmental program)

Electricity from 100 % renewable sources

Active work for minimize swell

Active work to minimize noise

Phase out non approved chemicals

Renewable fuels and **emission free operation**

Environmental work

Outlook

- Maritime public transport strategy
- Proposals of the renewal of our own vessel fleet within next 5-10 years
- New contracts – preparation
- **Emission free operation – existing and up-coming tests**



Thank you!



 Region Stockholm



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