



Green mobility with electric aviation

NEA in cooperation with Nordic Innovation, an organisation under the Nordic Council of Ministers

April 25th, 2024

Maria Fiskerud, NEA project management team

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Together, we brought electric aviation to the agenda...

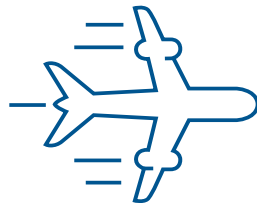
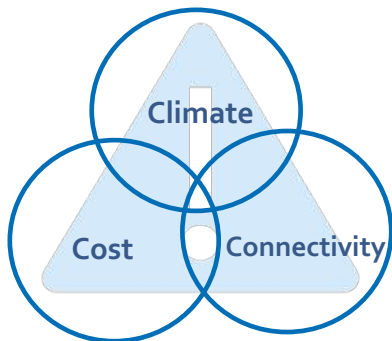


Nordic vision 2030:

The Nordic Region will become the most sustainable and integrated region in the world by 2030.

NEA:s vision gives support to the Nordic vision 2030:

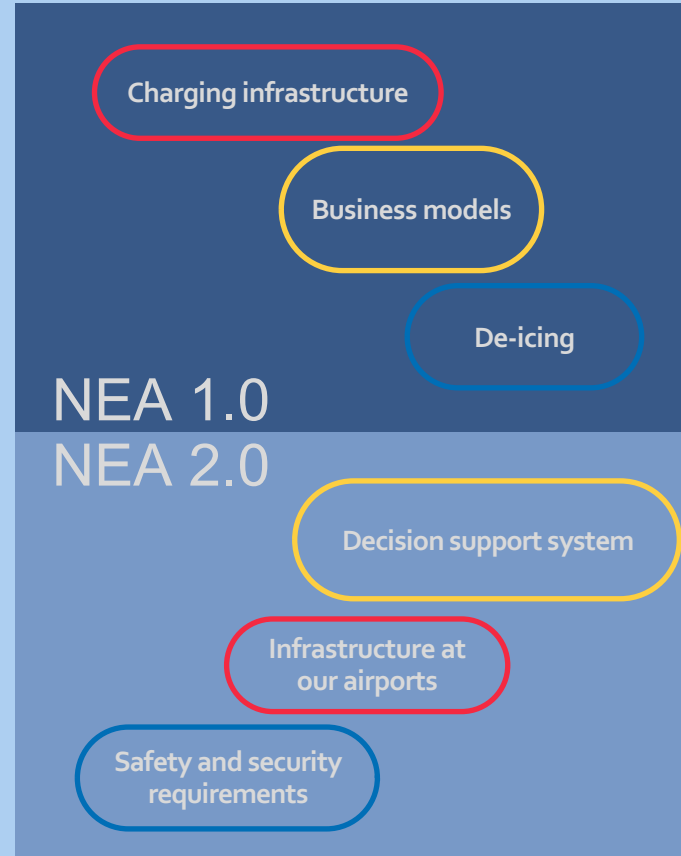
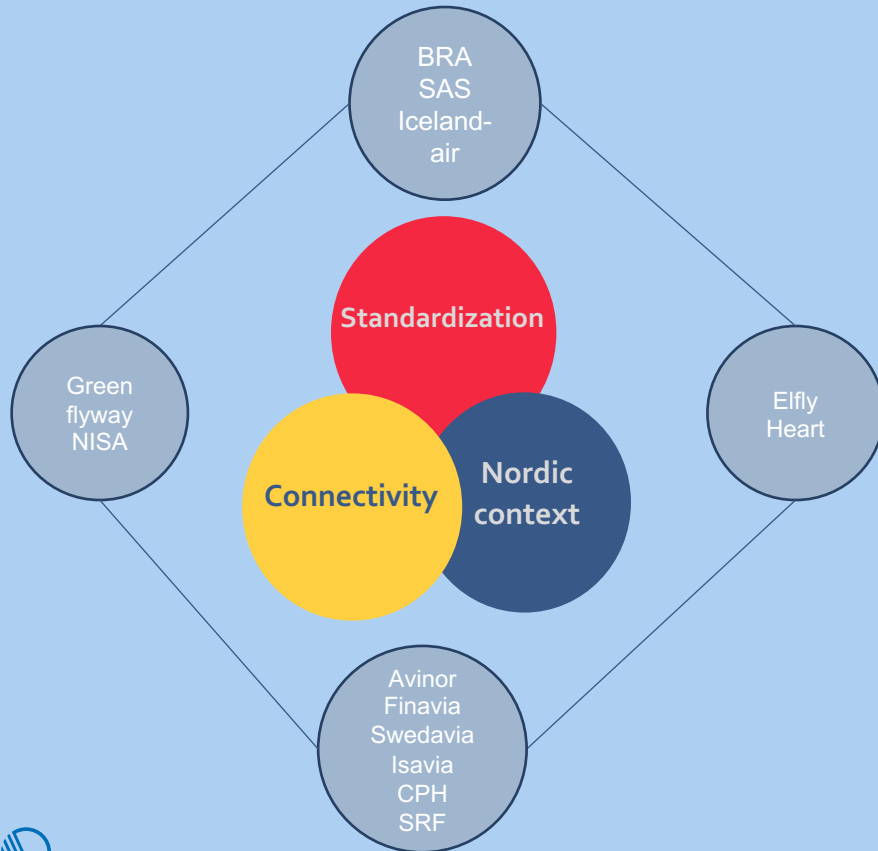
A connected and vibrant Nordic region empowered by electric aviation



NEA partners

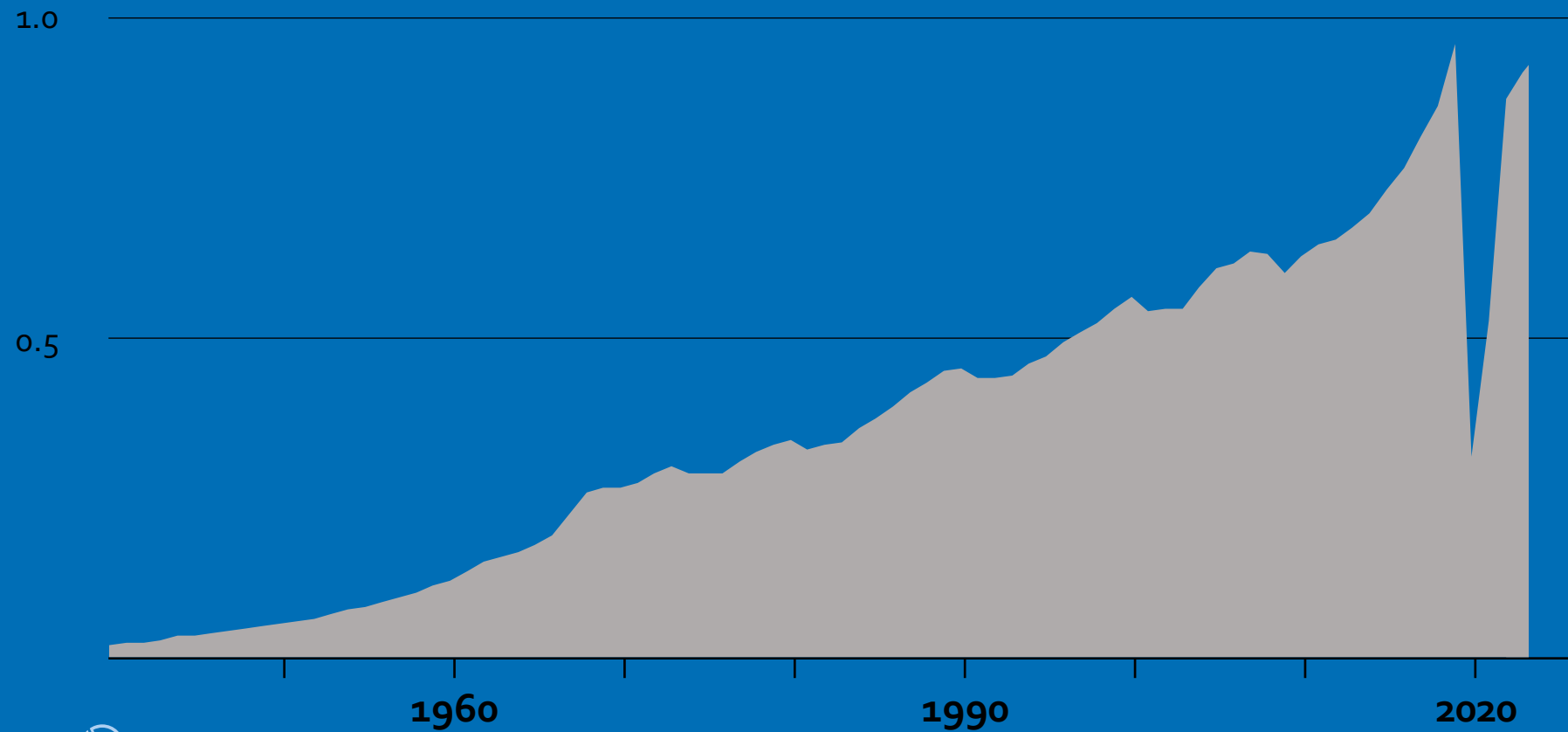


...now we are getting ready for take off



Global CO₂ emissions from aviation

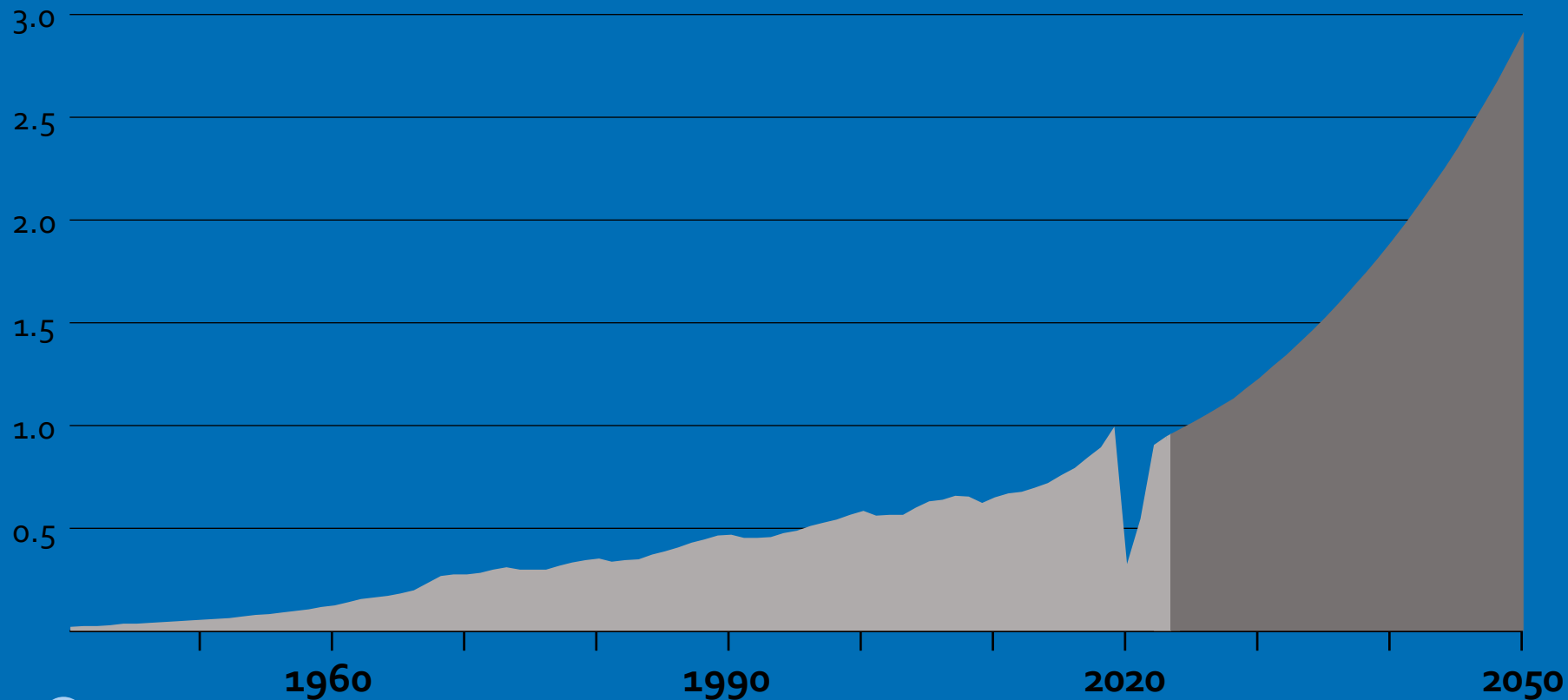
Gt CO₂



Source: [4] "Aviation sustainability – the roadmap to true zero", Roland Berger, 2020

Gt CO₂

Global CO₂ emissions from aviation



Source: [4] "Aviation sustainability – the roadmap to true zero", Roland Berger, 2020

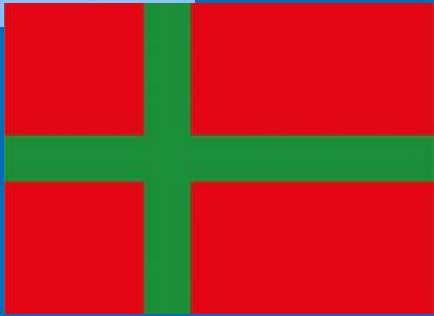
Air transport

Norway aims for all short-haul flights to be 100% electric by 2040

It already has more electric cars than any other country in the world

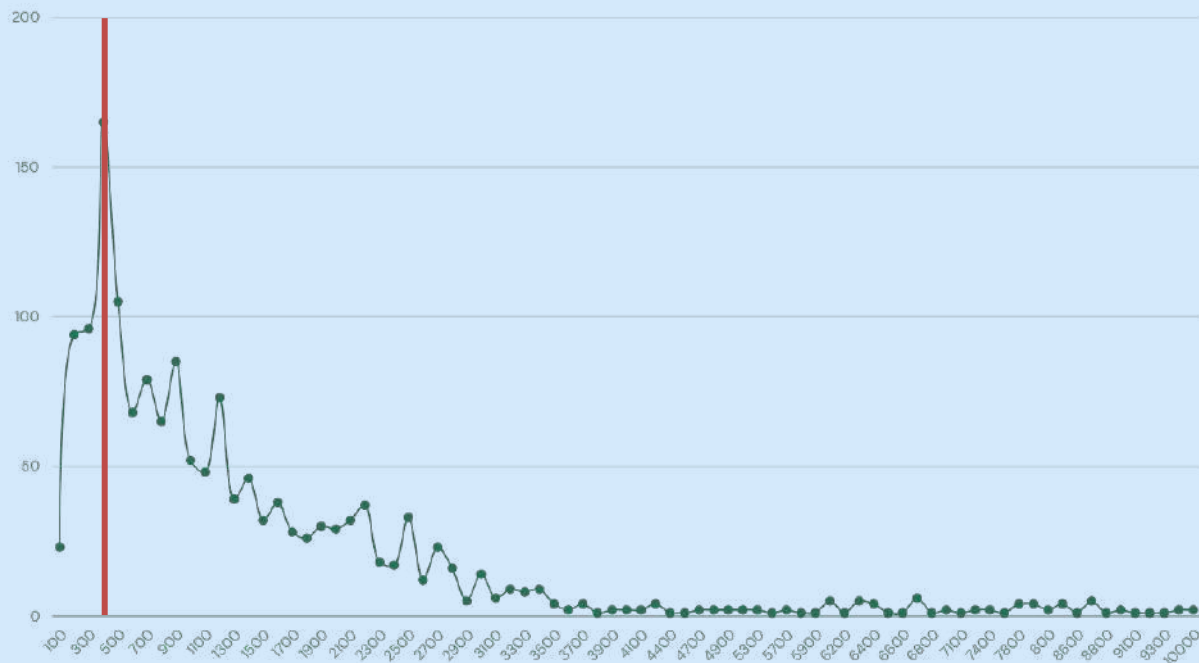
Jan 18, 2018



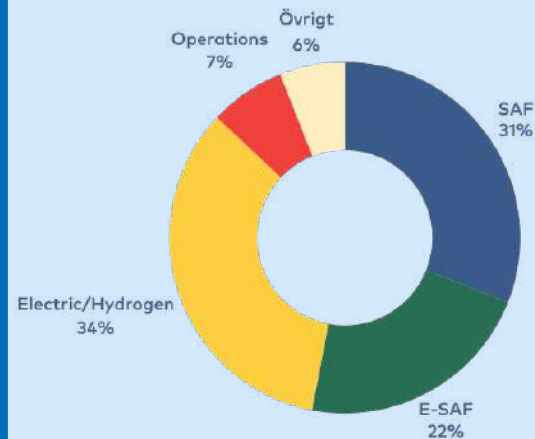




1/4 of all Nordic routes can be electric 2030



Sustainability scenario 2050



Källa: ATAG s3





Electric aviation is part of the sustainable tourism transition

- ➔ Electric aviation is needed to reach climate goals and the Paris-agreement
- ➔ The industry delivers to 2030 – are you prepared?
- ➔ Tourism trends ♥ electric aviation: Sustainability, Authentic Experiences, Experience-Based Tourism, Accessibility and Inclusion, Lesser-Known Destinations and New Travel Habits (Post-Pandemic).





Thank you!

Maria.Fiskrud@heartaerospace.com

Maria.Fiskrud@scienceparkgotland.se



NEA – Nordic Network Electric Aviation

- The platform where Nordic actors come together to accelerate the introduction of electric aviation in the Nordic countries.
- Connecting Denmark, Finland, Iceland, Norway and Sweden – since 2019, as the first Nordic Innovation project in the **Nordic Smart Mobility and Connectivity program**.
- 13 partners across the ecosystem of electric aviation from all Nordic countries.
- We have four overall goals, that we have worked with since 2019:
 - Standardization Connectivity
 - Nordic context Co-creation
- We will in NEA 2.0 focus on the following cross-Nordic activities:
 - Decision support system
 - Infrastructure and technology:
 - Safety and security:
 - Communication and Government Affairs:



Nordic Innovation

- An organization under the **Nordic Council of Ministers**
- Connecting **Denmark, Finland, Iceland, Norway and Sweden** - 26 million people in total
- Office in **Oslo**, Norway

- We aim to make the Nordics a pioneering region for sustainable growth by promoting entrepreneurship, innovation and competitiveness in Nordic businesses.



Transforming mobility through Nordic cooperation

- Changing the way people and goods move
- Speeding up the transition to more sustainable mobility
- Seamless, integrated and people-centric mobility (individuals)
- Decarbonised and energy-efficient mobility (society)
- Quality of life



Reference material

- * NEA: Accelerating the development of electric aviation in the Nordic countries, November 2023
- * NEA: New Business models for electric aviation in the Nordics, December 2022
- * World Economy Forum and Aviation Environment Federation: Target True Zero – Government Policy Toolkit to Accelerate Uptake of Electric and Hydrogen Aircraft, July 2023
- * Grön flygplats: Målbild 2045
- * McKinsey and company: Short-haul flying redefined: The promise of regional air mobility, May 2023
- * NASA: Regional Air Mobility, April 2021
- * www.nordicnea.com
- * Nordic Innovation: Systemic innovation compass, February 2024