



TRAFIKVERKET

# Obstacles and opportunities for electric flight on PSO routes

Green Flyway final conference, Östersund 220926-220927

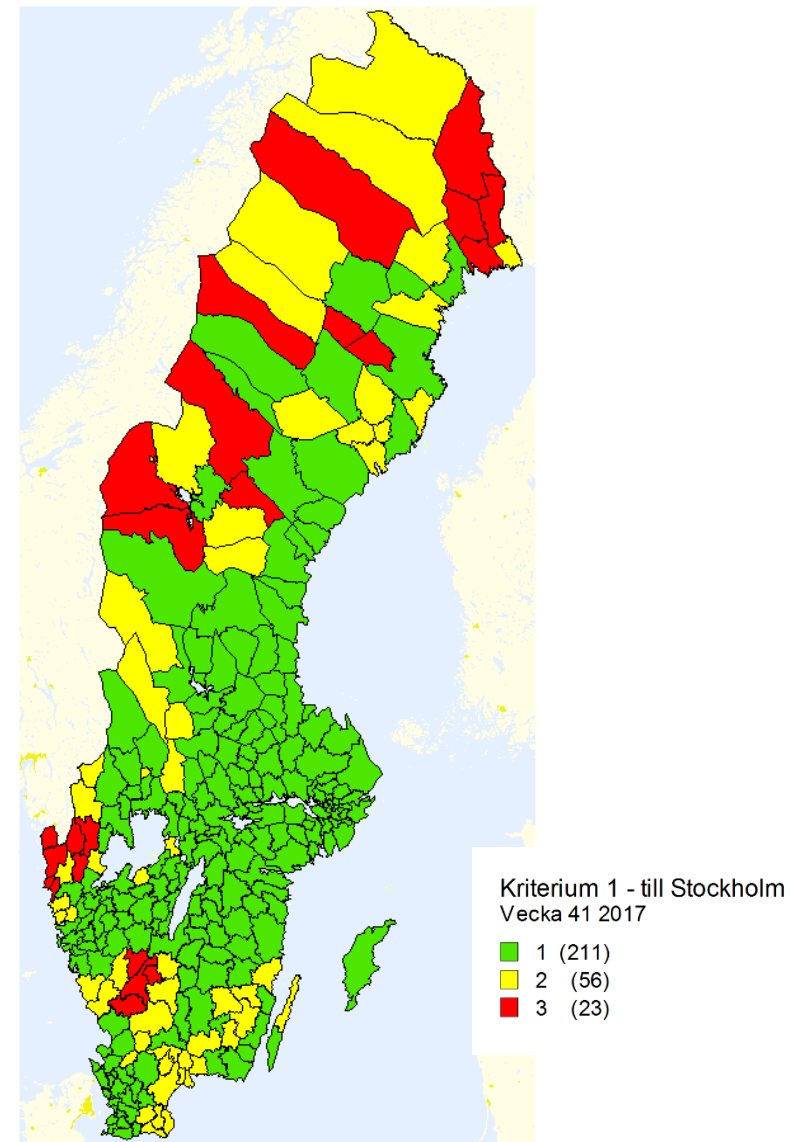
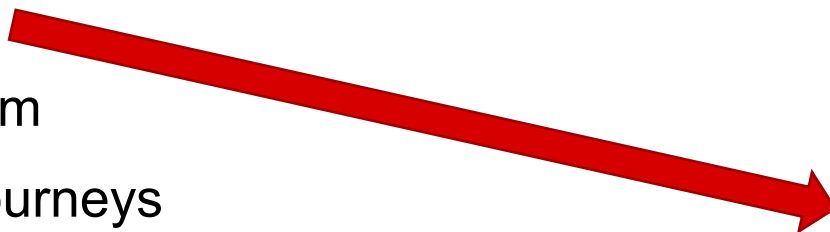
# Swedish Transport Administration tasks in future electric aviation perspective

- responsible for long-term infrastructure planning
- follows, funds and participates in research and innovation
- **responsible for the procurement of air traffic in Sweden**
- responsible for producing and providing long-term traffic forecasts
- assist the Government in the work on applications and projects concerning TEN-T and the Connecting Europe Fund (CEF)



# Accessibility criteria

1. To Stockholm
2. From Stockholm
3. International journeys
4. Big cities
5. Regional hospital
6. Universities
7. Other major cities
8. Tourism, visiting industry



# New procurement 2023-2027

Proposed new PSO:s based on our investigation:

- 12 domestic routes, that is the same as today plus Mora-Arlanda.
- Air traffic is still expected to be at a lower level in 2023.
- Ongoing work with procurement.
- New PSO:s and contracts from October 2023.
- As before: no formal obstacle to procure companies with electric-powered aircraft.

[Upphandling av flygtrafik från oktober 2023 : utredning inför beslut om allmän trafikplikt \(diva-portal.org\)](https://diva-portal.org)



# Obstacles and opportunities for electric flight on PSO routes

- When electrically powered passenger planes are commercially available, they can be used in procured air traffic, as long as capacity and size match needs in PSO.
- Electric flight poses demands on airports in the form of at least charging solutions. The financial and other solutions for such investigations and installations may need to be overlooked.
- Procuring authorities are most likely not allowed to include requirements on climate impact reduction in the procurement – but the air services regulation is to be reviewed (Q1 2023?).

*To note: new markets (routes) may emerge on commercial basis as a result of the development and if so, procurement is not needed.*



# Thank you for your attention!

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