

Estonian Aviation Cluster

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Member of Board

Main priorities

- **Aerospace industry** – post-COVID, Brexit
- **Air Cargo hub** – South-East Asia growth
- **Future aviation** – climate neutrality
- **Value chain digitalisation** – ICT
- **Aviation education** – reskill/upskill

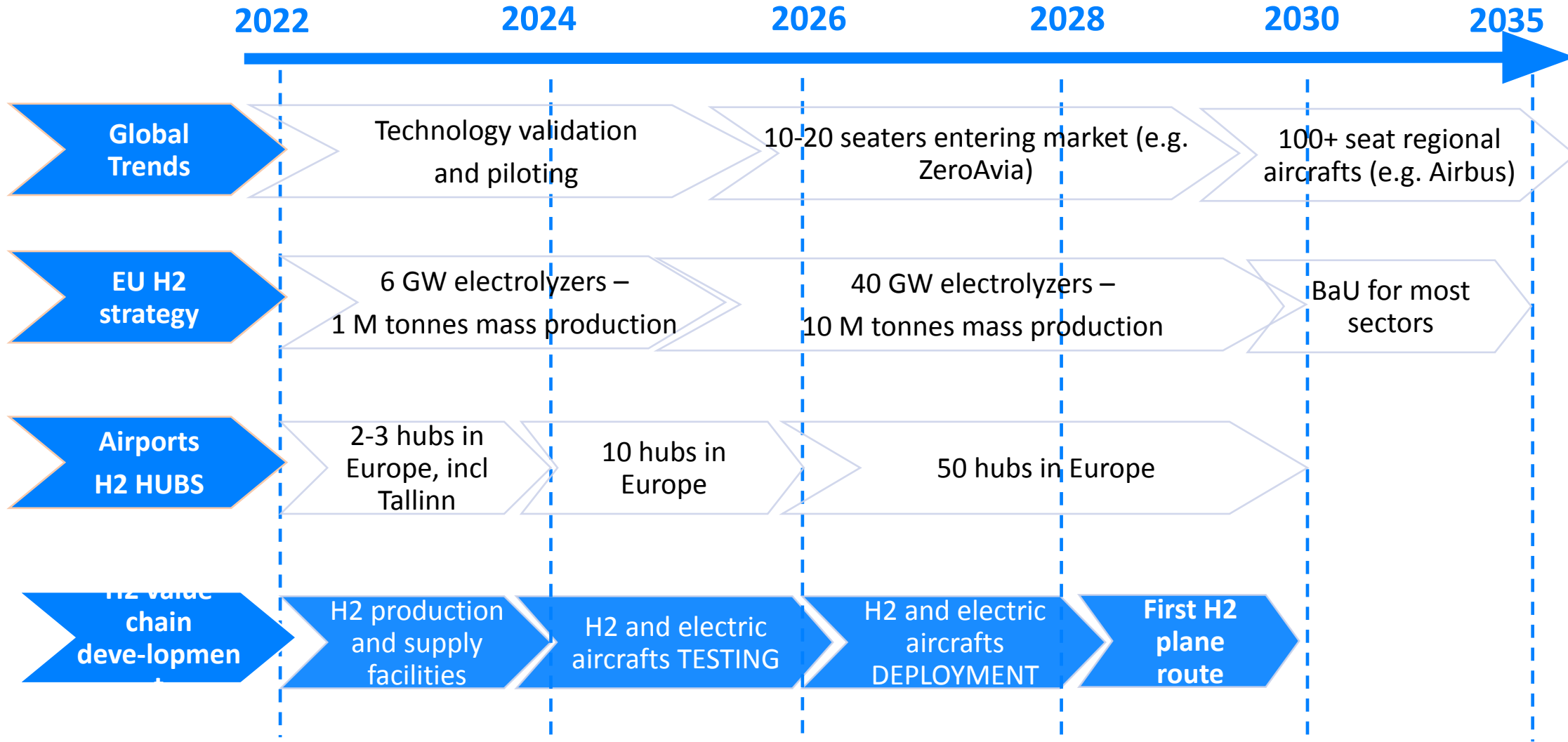


Estonia as a Future (Aviation) Hydrogen Hub

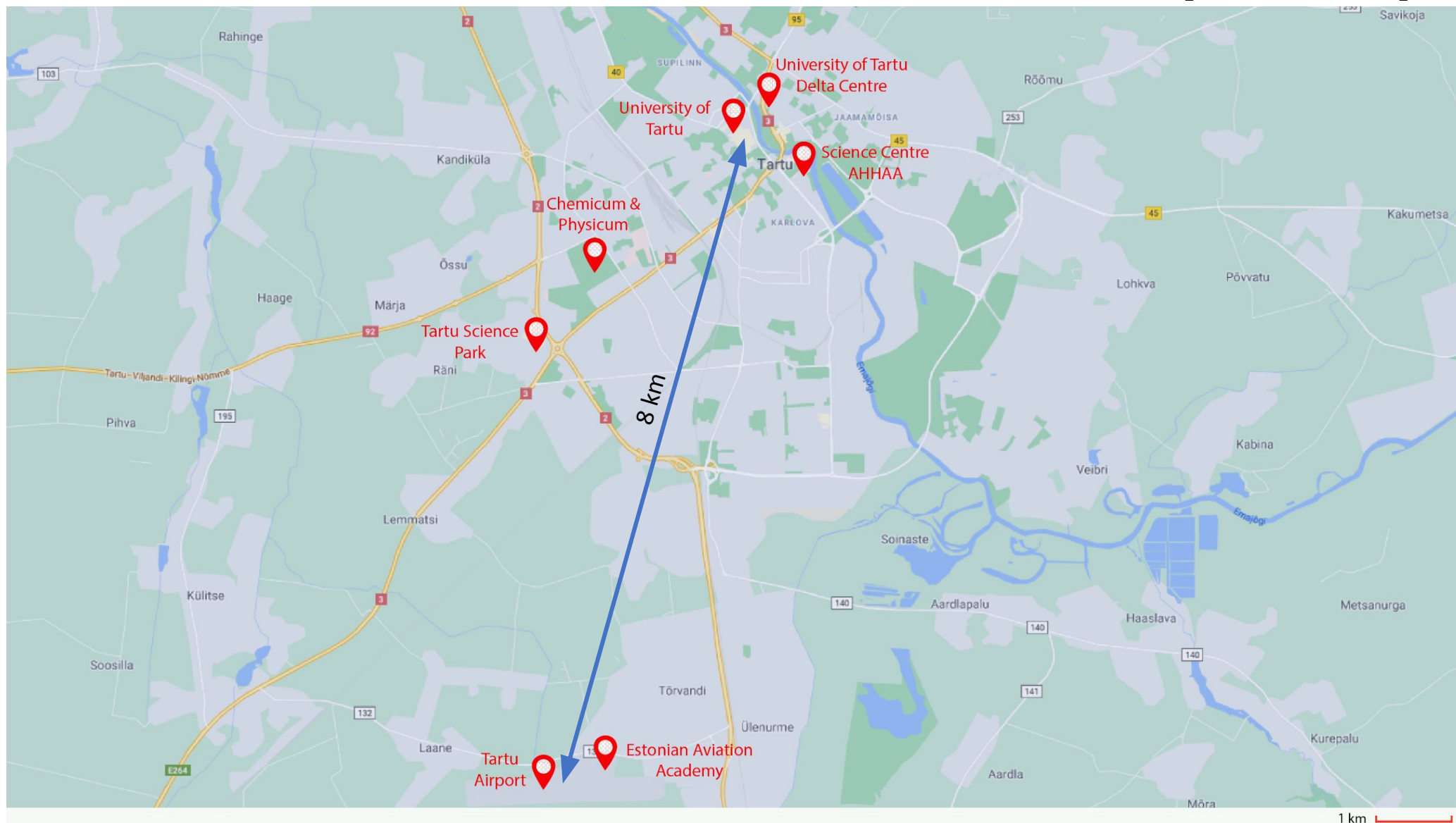
- **European Clean Hydrogen Alliance (ECH2A)**
 - **ONE and ONLY** aviation cluster in EU plus Tallinn Airport, XFLY joined in May 2021
 - **7,4%** of total aviation projects came from Estonia
- **Preparing For Hydrogen Aviation**
 - cooperation with early H2 movers such as ZeroAvia
 - converting an **ATR72-600 aircraft to hydrogen**
- **Investments into H2 infrastructure**
 - storing excess energy from the solar park as H2
 - **collaboration** with Port of Tallinn (!!), which aims to become the key **H2 port of the Baltic Sea**



Estonian Aviation Hydrogen Roadmap



ZeroEST development centre (Tartu)



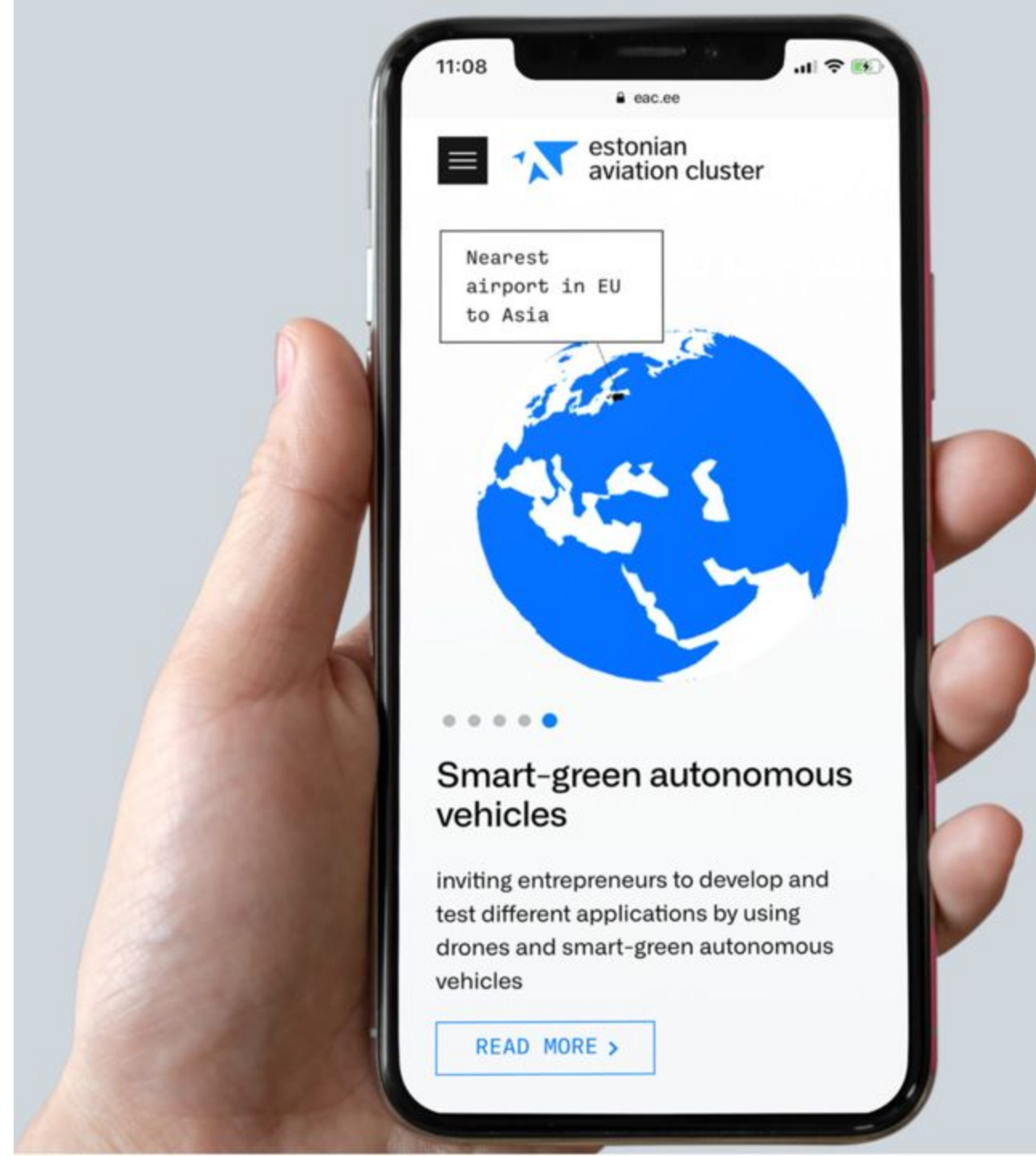
ZeroEST budget/impact

Budget breakdown:

- U-Space (5MEUR)
- eVTOL infrastructure (9MEUR)
- R&D centre @EST Aviation Academy (8MEUR)
- Green Airport(8MEUR)
- Drone Services Programme (30 MEUR)
- Reskill/upskill needs (20MEUR)

Expected impact:

- Penetrate Bn € drone services markets
- GreenEST airspace in Europe (World?)

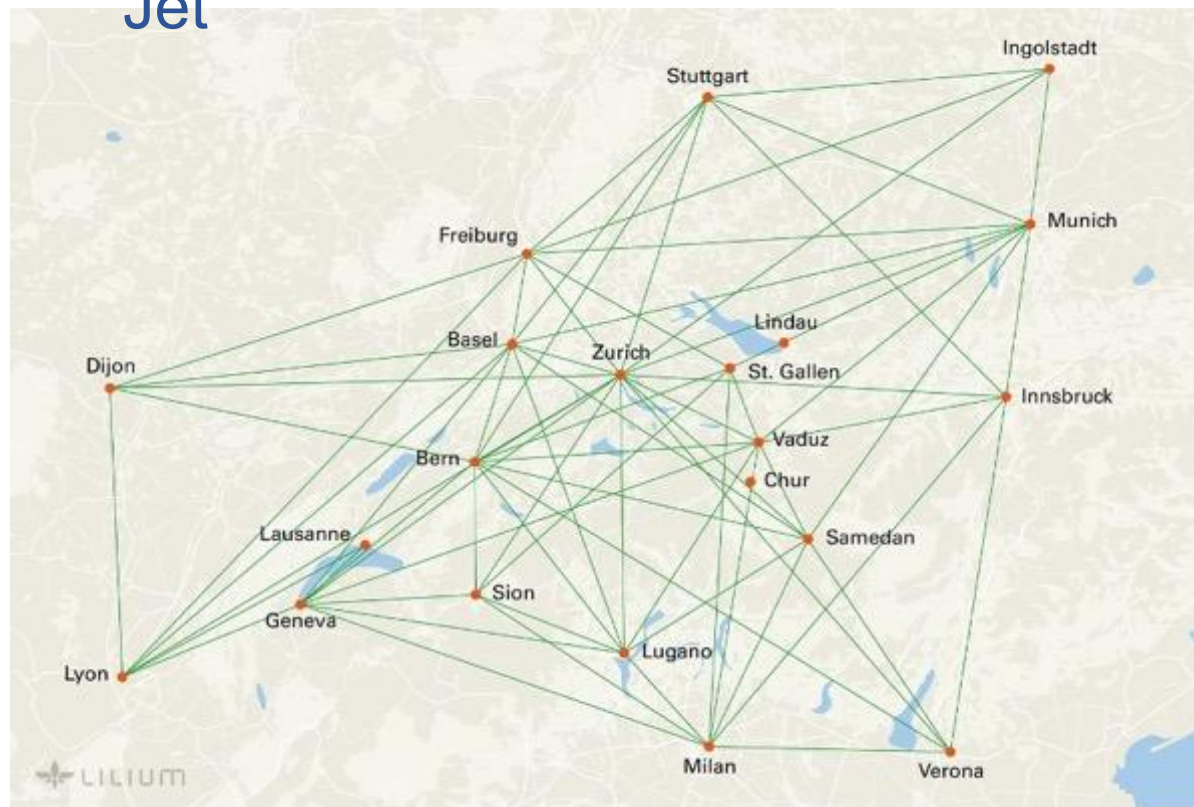


Future of regional air mobility

Connecting Estonia: XTI Aircraft



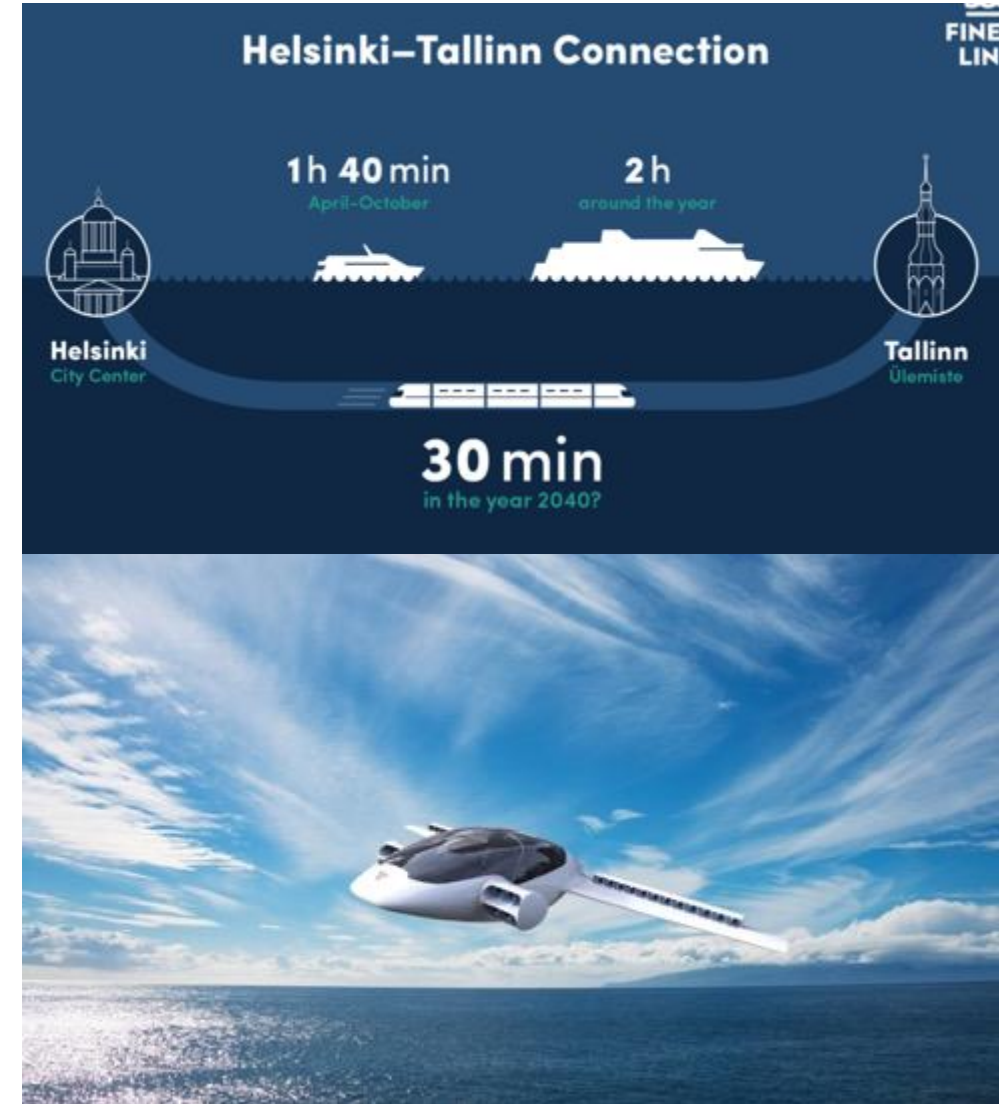
Connecting Switzerland: Lilium Jet



World's fastest air taxi 2024?

- **High-speed connectivity** - with Copterline (2000-2006) it took only 18 minutes, saved 2+ hours each way
- **Business case validated** - “sub-regional air taxi” is 50% cheaper than alternatives (based on PWC UK study!)
- **Good price** – Lilium has promised high-speed connectivity at the price of a taxi from day 1
- **Risk-sharing model!!** - to connect twin cities Lilium seeks to share the costs of building

estonian
vertiports cluster



Thank you!