

elis program



/ DEVELOPMENT PROGRAMME AND TEST BED FOR ELECTRIC AVIATION



SKELLEFTEÅ
SCIENCE CITY



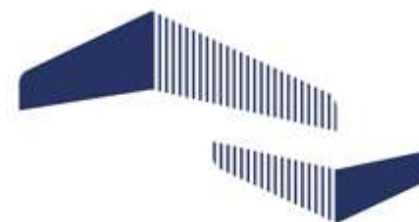
Skellefteå
kommun

Skellefteå
Airport



Skellefteå
Kraft

**Elis Program
will soon
change its
name to...**



Arctic Aviation Hub

/ What we can offer

Skellefteå Droneport

- One of Europe's largest city-close droneports
- 15x15 metres take off and landing area
- 15x15 metres heated hangar space
- Office and educational space
- Total area 60x40 metres
- Tests in harsh, cold and dark weather conditions
- 5G Edge connectivity
- AirHub software and ACR Dronerequest
- Outside of CTR
- Integration to real use-cases in the city environment
- Local project partners

Skellefteå Airport

- 1 MW power supply at airside for charging of electric aircraft, eVTOL and charging R&D purposes
- Landing strip (2500x45 metres)
- Hangar and office space
- Hydrogen preparation ongoing
- International Pilot Academy (Green Flight Academy, operating 3 electric aircraft)
- eVTOL test area
- EMC/EMI test capability
- Tests in harsh, cold and dark weather conditions
- Jet A-1, HVO100, 100LL
- Ongoing research projects with Luleå University of Technology and Uppsala University regarding electric aviation

Campus Skellefteå

- Arctic Centre of Energy (ACE)
- eMobility research
- The Swedish National Road and Transport Research Institute (VTI)
- Cybersecurity research
- Mocap Studio and XR Lab
- EMC/EMI Research through Luleå University of Technology
- Competence within electrification, batteries, hydrogen, composites, autonomous systems etc.
- Soft landing offer

/ What we want to achieve by the tests

- Speed up the way to commercial implementation.
- Help to develop and certify drones, systems and components in a real environment.
- Develop technology that are robust in cold and harsh weather conditions.
- Create a platform regarding cooperation within the society ecosystem (public, private, academia).
- Use the city-close location and close collaboration with the Municipality and thereby be able to develop real use cases and integrate tests in live settings.
- Connect the tests to the wider perspective of the green transition where Skellefteå is a leading hub in the Nordics and one of Sweden's fastest growing regions.
- Implement solutions and thereby create local commercial possibilities for companies.
- Test and development in close collaboration with owners of challenges in need to be solved.
- Airborne mobility as a system demonstrator where many crucial stakeholders are involved.
- Society Expo 2026 (SE26) as a platform to showcase solutions to a global audience.