Offer: Drone-Related Field Tests at Skellefteå Droneport

Through Aero EDIH, Arctic Aviation Hub can now offer funding for test days to companies looking to trial their technology at Skellefteå Droneport. From approximately mid-November, it is possible to carry out winter testing!

Skellefteå Droneport, part of the Arctic Aviation Hub, is a unique location for advancing drone development. Skellefteå Municipality and Skellefteå Airport

have built one of Europe's largest city-adjacent droneports, dedicated to testing, development, education and the commercialisation of drones and supporting technologies, both in the air and on the ground. It is also an ideal site for winter testing, enabling the development and verification of solutions that operate reliably in harsh weather conditions.

Offer

- Funding up to 50 000 SEK to cover costs connected to test activities
- Full access to Skellefteå Droneport during test activities

Tests to be carried out before 2025-12-31





Co-funded by the European Union





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Facts about Skellefteå Droneport

- Facts about Skellefteå Droneport
- 15x15 metres take-off and landing area
- 15x15x7 metres heated hangar space
- Offices, conference and kitchen space with panorama windows to the hangar
- Total fenced area 60×40 metres
- Visitor balcony and manoeuvre deck facing the take-off and landing area
- Locked safety storage space (3x2 metres)
- Tests in harsh, cold and dark weather conditions
- 5G connectivity
- DJI Dock 2 for rent
- Parking space and electric vehicle charging station
- Outside of CTR, allowing VLOS flight heights up to 120 metres
- Integration to real use-cases in the city and the rural environment
- Local UAS zone (D-area covering 10x2 km) during construction and will be ready from 1st of September to enable BVLOS flights
- 2,5 km from city centre
- Broad national and international network for joint projects





Background

Arctic Aviation Hub aims to accelerate the future of sustainable aviation by promoting innovation and collaboration. With a focus on battery- and hydrogen-electric aircraft, drones, and supporting infrastructure, Arctic Aviation Hub positions Skellefteå as a centre for the development of electrified aviation in Sweden and beyond. Arctic Aviation Hub can provide infrastructure at the airport, at the droneport, and at the Campus in the city centre. Skellefteå is also a frontrunner in the field of Sustainable Aviation Fuel. Skellefteå Kraft, together with SkyNRG, is planning a large-scale production facility for eSAF in Skellefteå.

Thanks to the 1MW power supply on the airside and a strong focus on innovation, sustainability, and cooperation, Skellefteå Airport has become the operational base of Green Flight Academy. The airport ranks among the top three in the world for take-offs and landings with electric aircraft. The competence and infrastructure in Skellefteå mean that the region is exceptionally well-positioned to serve as a hub for the commercial introduction of electrified airborne vehicles and sustainable aviation solutions, benefiting society, its citizens, and businesses. Arctic Aviation Hub provides the infrastructure and creates the opportunities, while companies and researchers contribute with their innovations. The goal is to support development for faster commercialisation and to build an ecosystem for the aviation of the future.

Arctic Aviation Hub leverages Skellefteå's specific strengths, which include, among others, a cold climate, unoccupied airspace, green electricity, and extensive expertise in electrification. The programme offers three physical test environments, which serve as strong assets in attracting stakeholders at various stages of development.



Skellefteå Airport

The airport boasts one of the world's most powerful electrical grids for charging electric aircraft and provides a site for testing high-power charging and larger vertical take-off and landing vehicles, known as eVTOLs. It is also a hub for addressing electromagnetic interference (EMC) in collaboration with Luleå University of Technology, offering realistic environments for testing.

Skellefteå Droneport

As one of Europe's largest urban-adjacent droneports, this facility enables the testing of everything from drone functionality to software for sequence landings, sensors, detection systems and much more. Logistics solutions for handling goods and shipments under demanding conditions – such as cold, darkness and wind – can also be tested here, as well as drone-related educational activities. The droneport will have a dedicated UAS zone (D-area) stretching 10×2 km around the facility.



Campus Skellefteå

Campus Skellefteå is a hub for research, innovation and education that supports the development of electrified aviation and autonomous systems. The presence of Luleå University of Technology, Arctic Centre of Energy, Universities Alliance, the Swedish National Road and Transport Research Institute, Arctic Game Lab and many others provides a strong foundation for groundbreaking partnerships and projects. Campus Skellefteå is located in the city centre, 2 km from the droneport and 15 km from the airport.

Arctic Aviation Hub views sustainable air mobility as part of a broader societal context. The aim is to integrate different modes of transport – from buses and cars to airborne solutions – to create seamless systems. The goal is to create an environment where companies, large and small, can commercialise their innovations.

As a testbed, Arctic Aviation Hub is driven by a long-term focus on societal benefits and sustainable development. Key players in the initiative include Skellefteå Kraft, Skellefteå Municipality, Skellefteå Airport and Skellefteå Science City, with the programme designed to meet industry needs over time. It's about building infrastructure and an ecosystem that can attract stakeholders from Sweden and beyond.

Aero EDIH

Aero **E**uropean **D**igital Innovation **H**ub is leading the initiative on how we can accelerate and facilitate the digital development of small and medium-sized enterprises, regional airports and public organizations within the future aviation industry.

We promote societal and business benefits through the digital and green transformation of the aviation sector.



How to Apply for the Grant

To apply for the grant, please submit a written application (maximum 3 pages) clearly describing the planned activities for the field test. Your application should outline the objectives, methods, and expected outcomes of your testing. Additionally, briefly explain why your team merits the grant—this could include your project's potential impact, the uniqueness of your approach and why the use of Arctic Aviation Hub is important for you. Applications will be assessed based on clarity of purpose, feasibility, and the potential value of the field test day to your project's success.

Applications will be assessed on a first come, first serve basis but the deadline for applications is the 8th of August 2025.

Contact us Aero EDIH

Jan-Olof Ehk jan-olof.ehk@nosp.se www.aeroedih.eu

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Arctic Aviation Hub

Annelie Viksten annelie@skellefteasciencecity.se <u>www.arcticaviationhub.com</u>





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