



# KJELLER AIRPORT

**Make Kjeller an international centre  
for aviation and innovation!**

[kjelleraviation.com](http://kjelleraviation.com)



# UNIQUE WORLD ATTRACTION



PHOTO: URBAN SKY



PHOTO: AIR24



PHOTO: ESKIL NYDAL



PHOTO: AIR24

# INTERNATIONAL CENTRE FOR AVIATION AND INNOVATION

■ **Kjeller** is a unique local airport with flight activities since 1912, in the middle of Akershus and Oslo with over 1.4 million inhabitants.

■ **The airport** is one of the country's largest technology centers in Norwegian aviation, with the main workshop for the Air Force together with pilot education, development, research, innovation, production and heavy maintenance.

■ **Regional air mobility** will radically change travel patterns. Among the government's important goals are easier everyday journeys for most people and increased competitiveness for business.

■ **Kjeller Luftfart AS** will develop an international research, innovation and technology centre in combination with a local regional airport and an active aviation historical cultural heritage.

# Power up zero- and low-emission aviation

■ ■ Norwegian aviation is calling for a centre for research, innovation and technology development. On 15 March 2024, the Government can present the news that they will prioritize NOK 1 billion in the National Transport Plan (NTP) for an accelerated phasing-in of zero- and low-emission aviation in Norway.

**Avinor and CAA** announce on 24 April 2024 that they will establish a test and innovation centre for green aviation.

**The transition to green aviation** makes it possible to use Norway as an arena to “create national values, competitiveness and sustainable public solutions of great value for both Norway and the world”, according to SINTEF.



*Starting 6 October 2023 : Finance Minister Trygve Slagsvold Vedum (Sp) presents the state budget for 2024, which forms the basis for establishing an innovation centre for green aviation. Photo: AIR24*

“Norway is a country that is ideally suited for **testing and piloting** new and environmentally friendly aircraft, and in the long term, when aviation has gone through the green shift, air travel will be the most environmentally friendly way to travel”, states Transport Minister Jon-Ivar Nygård (Ap).

# Green aviation starts at the flight schools



**Hamar airport**



**Kjeller airport**



**Voss airport**



*The airports at Hamar, Kjeller and Voss are all threatened by housing development. With the government's desire to accelerate the phasing in of low and zero emission aviation, airports can become central to creating easier everyday journeys and increased competitiveness for business. Photo: Blueskies, Urban Sky and Morgan Mackay*

## Airports are the cornerstones of aviation

■ ■ **The government** is calling for faster phasing in of green aviation. Airports at Hamar, Kjeller and Bømoen (Voss) can contribute to easier everyday travel and increased competitiveness.

**Other local public airports** of great value are Geiteryggen (Skien), Notodden and Lista (Farsund).

**Airports are the cornerstones** of aviation, according to Airbus. In a January 2021 report, NASA highlights the value of local airports and concludes that Regional Air Mobility will "fundamentally change how we travel" by bringing increased comfort, greater flexibility and safety to air travel.

*During a breakfast meeting in Oslo on 24 April 2024, Avinor and the Norwegian Civil Aviation Authority announced that they will establish a test and innovation centre for green aviation. So far, they have not decided on one location. The need and potential is greatest in the Oslo area with 1.4 million inhabitants.*

## KJELLER – A UNIQUE CENTRE FOR INNOVATION IN NORWEGIAN AVIATION

■ ■ With the phasing in of decarbonised aviation, local and regional airports will gain new demand and value, according to a report from NASA in April 2021.

Kjeller is a unique centre and the origin of one of the country's largest innovation environments. Since 2018, the historic area has been a base for electric aircraft.

# AN INTERNATIONAL TEST AND TECHNOLOGY CENTRE



PHOTO: AIR24

■ **Kongsberg/KAMS** states that they will invest fully in Kjeller and preserve their around 500 highly skilled jobs.

■ **The company** needs at least 400 meters of the north-western part of the existing runway.

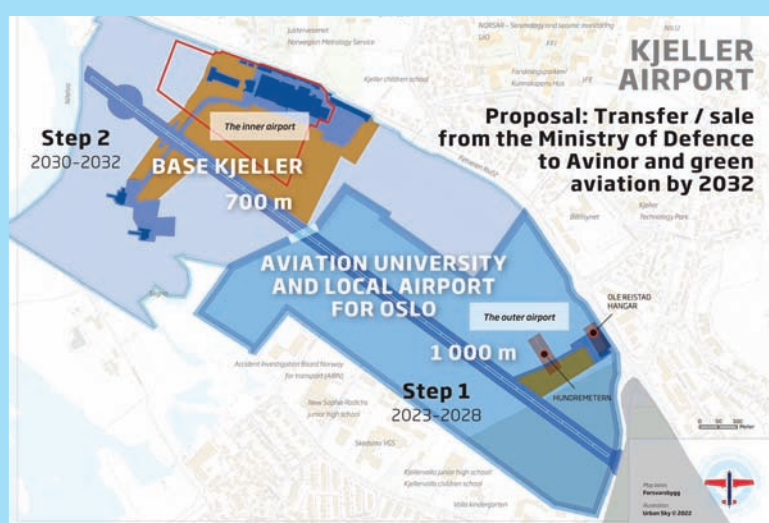
■ **The airport** at Kjeller has laid the foundation for the development of one of the country's leading innovation environments. Kjeller is also important in total defense in Norway, with a contingency base with an operational runway in the central Oslo area.





# Unique centre for **PILOT TRAINING**

- **The flying environment** at Kjeller is one of the largest in Scandinavia and Northern Europe, with around 1 000 pilots and 100 aircraft.
- **Since 2018**, Kjeller has been Scandinavia's first base for testing electrified aircraft, and visited by aviation experts from all over the world.



# Storting: "Important with a good LOCAL AIRPORT NEAR OSLO»

■ According to **the new aviation strategy** adopted by the Storting on 2 May, the government will strengthen existing infrastructure.

■ "It is important to have a good small airport **in connection with Oslo**. [...] If you are going to use the plane as a means of transport, then you must have it close to where you live and it should be close to Oslo. It must be made clear", says Storting politician Erlend Larsen (H).

■ One suggestion could be that Avinor takes over Kjeller airport **in stages until 2030**.

■ "**Oscarsborg Fortress** is owned by the state at the Ministry of Defence. Why can't the state own Kjeller airport? If that is not applicable, an alternative [...] could be that Lillestrøm municipality can transfer the area or buy it for a reasonable amount of money," writes NLF in a reader's post published on rb.no on 6 June.



Jon-Ivar Nygård  
Oslo, 27. januar 2023

## Accelerates **GREEN AVIATION**

■ **The government** wants new "inputs for the further work to accelerate the transition towards zero- and low-emission aviation so that the first commercial zero-emission aircraft are phased in in Norway as soon as the technology permits". The results from the consultation will be included in the further work on National transport plan - NTP 2025-2036 - which was presented in March 2024.

■ **Local and regional airports** contribute to more efficient travel. A further development of Kjeller can contribute to strengthening the business world, the travel offer and the total defense for over 1.4 million who live in the Oslo area.





One of the world's oldest airports ...



Einar Sem-Jacobsen and Roald Amundsen  
Test pilot Knut Lande and Starfighter CF-104



HRH King Haakon VII at Kjeller airport



Test pilot Odd Svang-Rasmussen



DH82A Tiger Moth 189 «Rittmesteren»

... is also Norway's first green airport!



F-16 Fighting Falcon 686 in 2012



Lieutenant General Wilhelm Mohr  
School student/F-16 crew Gabriel K. Berg



Pipistrel Alpha Electro LN-ELA



PHOTO: URBAN SKY



PHOTO: DANIEL KARLSSON

# Join the development of an **INTERNATIONAL CENTRE**

- **One of the world's oldest airports** can be further developed as an international centre and arena for 1.4 mil. in the Oslo area.
- **Kjeller is a centre of gravity** with education, pilot training, sports, training, development, research, innovation and heavy maintenance.
- **Several of the local parties** in Lillestrøm are calling for greater involvement among volunteers and among the business community.
- **Join the investment** in a unique cultural heritage and valuable infrastructure in Norwegian aviation!



**KJELLER  
AVIATION**

▶ [kjelleraviation.com](http://kjelleraviation.com)

PHOTO: URBAN SKY

# Innovation in SCANDINAVIA

■ ■ The map shows a selection of technology development, education, research and **innovation powerhouses** related to the transition to green aviation in Scandinavia.

■ ■ In Norway, national resources such as Innovation Norway, Enova, Norwegian Research Council and EksFin (Export Financing Norway) can be highlighted. Vinnova is Sweden's innovation authority that offers funding through Horizon Europe. Interreg Sweden-Norway is an EU program for cross-border cooperation.

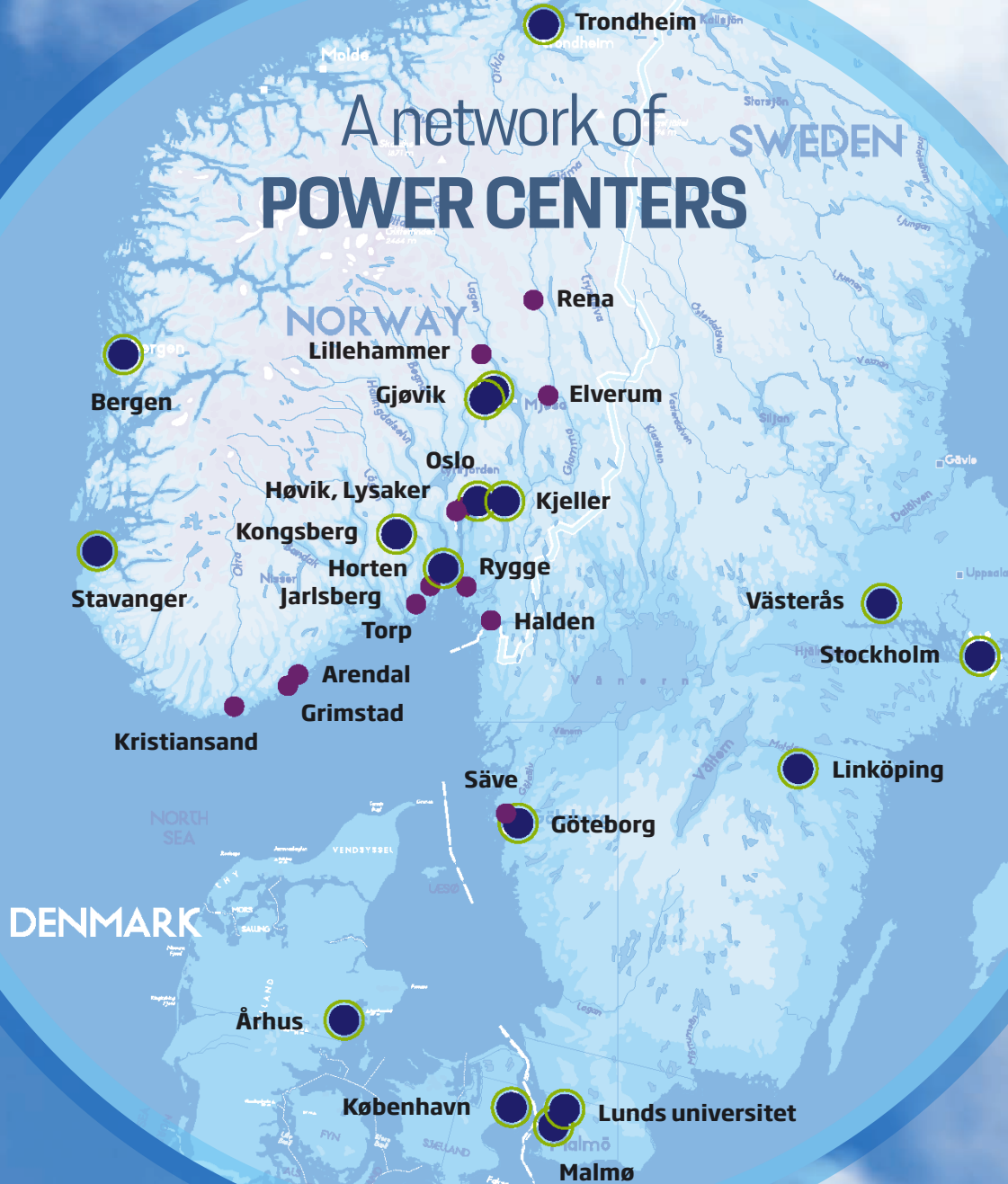
- Bergen**  
NORCE Norwegian Research Center  
Flesland
- Stavanger**  
Equinor, Forus, AeroNorway, Sola  
Innovation Park Stavanger
- Kongsberg**  
Kongsberg Group, GKN Aerospace
- Horten**  
Norway **Sandefjord, Torp**  
Elfly Group, Pilot, EHC
- Halden**  
Smart Innovation
- Arendal**  
Kitron, Morrow Batteries, OSM Aviation
- Grimstad**  
Sørlandets Teknologipark  
UiA, Campus Grimstad
- Kristiansand**  
Universitetet i Agder (UiA)  
Campus Kristiansand
- Århus**
- København**
- Lunds universitet**
- Malmö**



- Narvik**  
Aker, Aker Horizons, Teco 2030
- Bodo**  
CAA - Civil Aviation Authority of Norway  
Widerøe
- Mo i Rana**  
Freyr Battery
- Trondheim**  
NTNU, SINTEF, SIVA  
Rolls-Royce Electrical Norway  
Siemens Energy
- Rena**  
TMBN Telemark Battalion  
FSK The Norwegian Armed  
Forces' special command  
The Norwegian special forces
- Lillehammer**  
Jørstadmoen, Cyberforsvaret
- Skellefteå**  
Northvolt Ett
- Gjøvik, Raufoss**  
Raufoss Industripark  
NTNU, Nammo
- Elverum**  
Terningsmoen
- Oslo**  
Avinor, Oslo Science City, UiO, NHO, LO  
Oslo Science Park, Innovasjon Norway  
The Research Council of Norway, Eksfin
- Lysaker, Hovik, Fornebu**  
DNV, Norwegian
- Kjeller**  
FFI, IFE, Kjeller Science Park, FLO  
FMA Air Capacities, Kjeller airport  
Kunnskapsbyen Lillestrøm  
Kjeller Technology Park  
Kongsberg defence & aerospace, KAMS,  
Kongsberg Aviation Maintenance Services
- Rygge**  
Luftforsvaret, KAMS
- Västerås**  
ABB, Northvolt, Bombardier Innovation  
OSM Aviation
- Stockholm**  
SAS, SAAB
- Säve**  
Heart Aerospace
- Linköping**  
Saab Airport
- Göteborg**  
Chalmers tekniska högskole  
RISE Research Institutes of Sweden  
Volvo

ILLUSTRATION: URBAN SKY

# A network of POWER CENTERS



Flydagen 2023 at Kjeller Airport



**HOTBED** for aviation, air sports  
and Royal Norwegian Air Force





Flydagen 2023 and 2024 were new public successes at Kjeller



# Cultural heritage and **local Oslo-airport**

Join the initiative for an international centre and unique adventure arena in the Oslo area!



## **Local Oslo-airport and cultural heritage** **A valuable infrastructure for overall defence**



Each share in the company has a value of NOK 110.  
Mark payments with name, address, e-mail and mobile number.

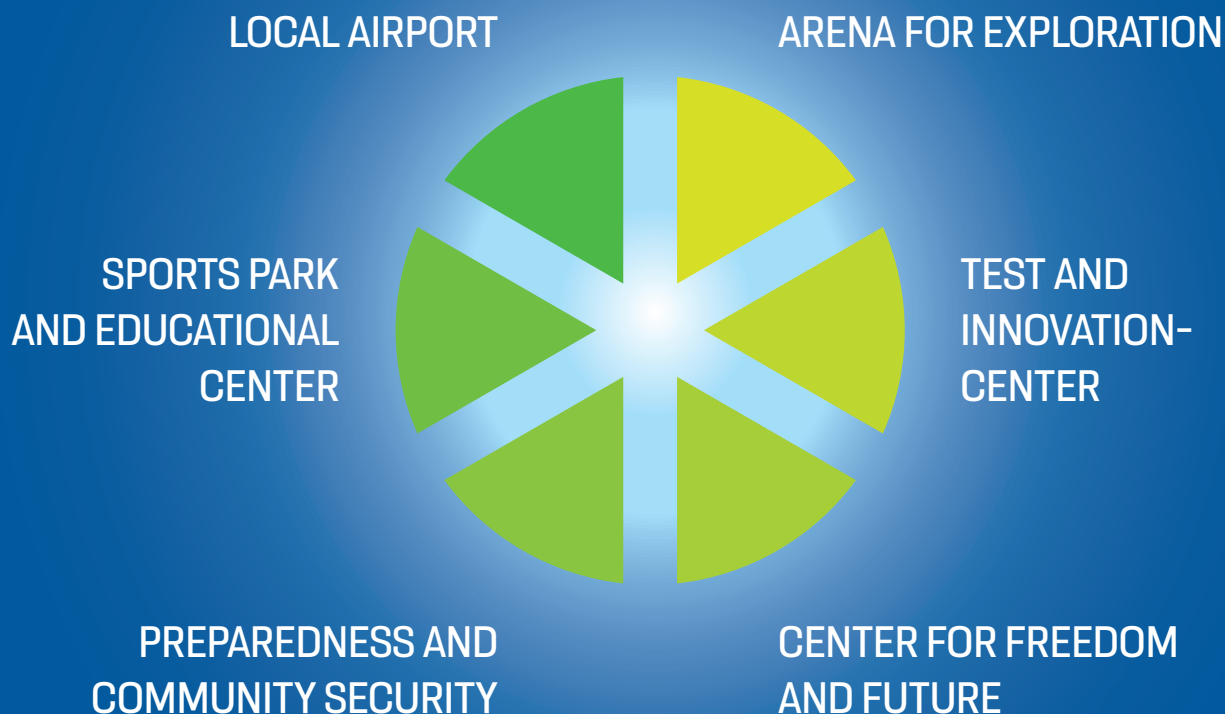
► See the prospectus: [kjelleraviation.com](http://kjelleraviation.com)

**v:pps** 702756

Bank DNB 1506.67.71102  
BIC (SWIFT) DNBANOKKXXX - IBAN NO5015066771102

# KJELLER AIRPORT

Future scenarios and new opportunities



Join the development of an attraction and valuable infrastructure in central Eastern Norway. A local airport near Oslo is important for tourism, business and settlement throughout the country.

# THE FUTURE IS **ELECTRIC**

Local airports contribute to more efficient travel, and strengthens the business and overall defense for 1.4 mill. in the Oslo area.

● 15 min

● 30 min

● 60 min

● 1 h 30 min

● 2 h

● 2 h 30 min

■ ■ The Storting came in 1992 with a promise of a replacement airport after the decision to move Oslo Airport from Fornebu to Gardermoen.

■ ■ It is around 20-35 min. travel time by public transport from central Oslo to Kjeller, the country's first airport.

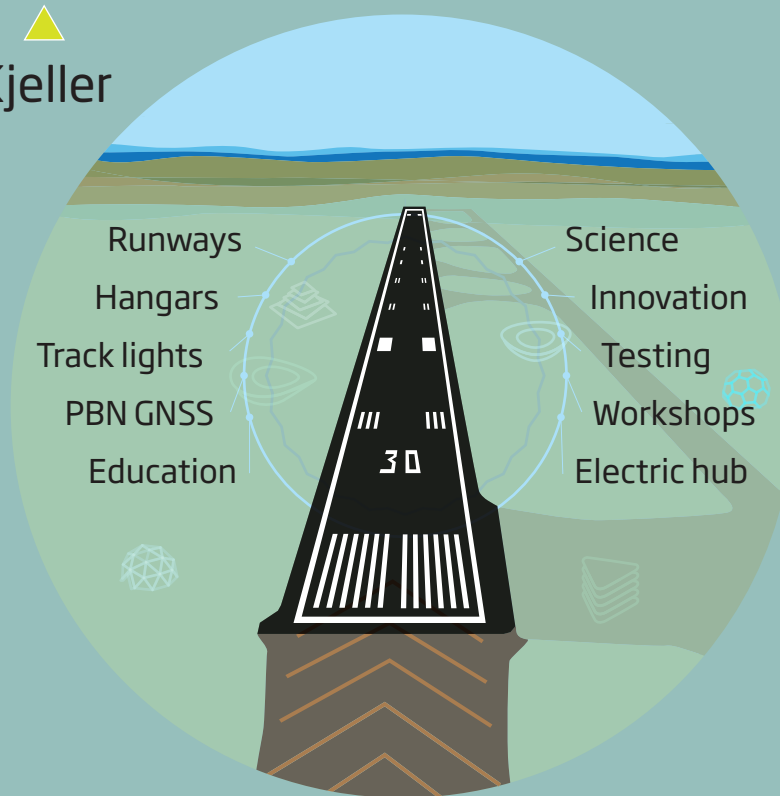
▲  
Kjeller

Runways  
Hangars  
Track lights  
PBN GNSS  
Education

Science  
Innovation  
Testing  
Workshops  
Electric hub

▲  
Hamar  
Rakkestad  
Jarlsberg  
Rygge  
Eggemoen

■ ■ It takes 2-3 hours by train and bus each way from central Oslo to airports at Hamar, Rakkestad and Jarlsberg.





Preserve the past. **Create the future.**

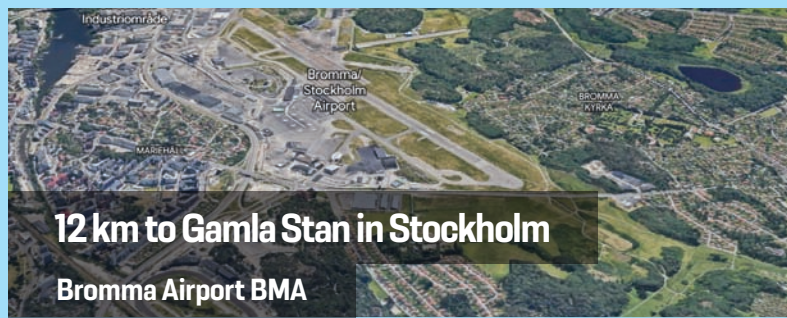


ALLE PHOTO: URBAN SKY



**KJELLER  
AVIATION**

**Campus for a university with the largest flight schools.  
National cultural heritage and unique future centre.**



**12 km to Gamla Stan in Stockholm**

**Bromma Airport BMA**



**15 km to Big Ben in London**

**London City Airport LCA**



**21,6 km to Oslo S**

**Kjeller Airport ENKJ**



**40 km to Tivoli Gardens in Copenhagen**

**Roskilde Airport RKE**

# Kjeller among **HISTORICAL LOCAL AIRPORTS IN EUROPE**



**19 km to The Eiffel Tower in Paris**

**Paris-Le Bourget Airport LBG**



**4 km to Farnborough Park**

**Farnborough Airport FAB**



**9 km to Place du Capitole**

**Toulouse-Blagnac Airport TLS**



**18 km to Place du Capitole**

**Toulouse-Francazal Airport LFBF**

# Aviation to quadruple in 2050?

■ ■ Forecasts from Eurocontrol and Clean Aviation JU in the EU indicate a possible quadrupling of air traffic in the decades leading up to 2050. The Norwegian Air Sports Federation expects that the number of public flights will multiply as a result of electrification. According to the government, emission-free aircraft systems will make regional aviation the most environmentally friendly way of traveling in the Nordics.





# Local airports strengthen **TOTAL PREPAREDNESS**

■ **"The total defense concept** must be strengthened. This means that the Armed Forces' resources must be able to be utilized to the greatest extent possible also in a social security crisis," says Harald Sunde.

■ On 5 June 2023, he handed over a report to Minister Emilie Enger Mehl (Sp), which states that the government **values social security**, preparedness and total defence.

■ **The Ministry of Transport** is responsible in the government for coordinating matters at an inter-ministerial level concerning airports and other infrastructure.

■ **In the new aviation strategy** that was adopted by the Storting on 2 May 2023. The government will present a total preparedness report during 2024 which could have an impact on the future of Kjeller airport.



# Fly smart. Fly regional.

■ ■ The number of flights may quadruple by 2050, with a need for more airports, according to estimates from Eurocontrol and Clean Aviation JU in the EU.

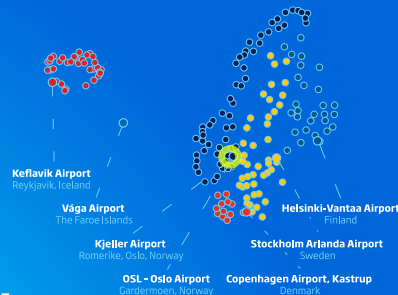
■ ■ A report from Avinor in 2021-2022 writes off the NATO base at Rygge and privately owned Eggemoen at Hønefoss as future local airports for the Oslo area. For the first time, Avinor is assessing whether Kjeller can be further developed as a current and future-oriented alternative as a local airport.

■ ■ The choice of a new local airport is still between Rakkestad, Jarlsberg, Kjeller, the 3rd runway at OSL or the construction of new infrastructure near the centre of Oslo.

■ ■ The government's first priority in the new aviation strategy is "an efficient everyday life for the population and business".



## ▼▼ Nordic airports



## EGGEMOEN



## OSL GARDERMOEN



## OSLO



## KJELLER



FORNEBU  
CLOSED  
IN 1998



## JARLSBERG



## RYGGE NATO BASE



## RAKKESTAD



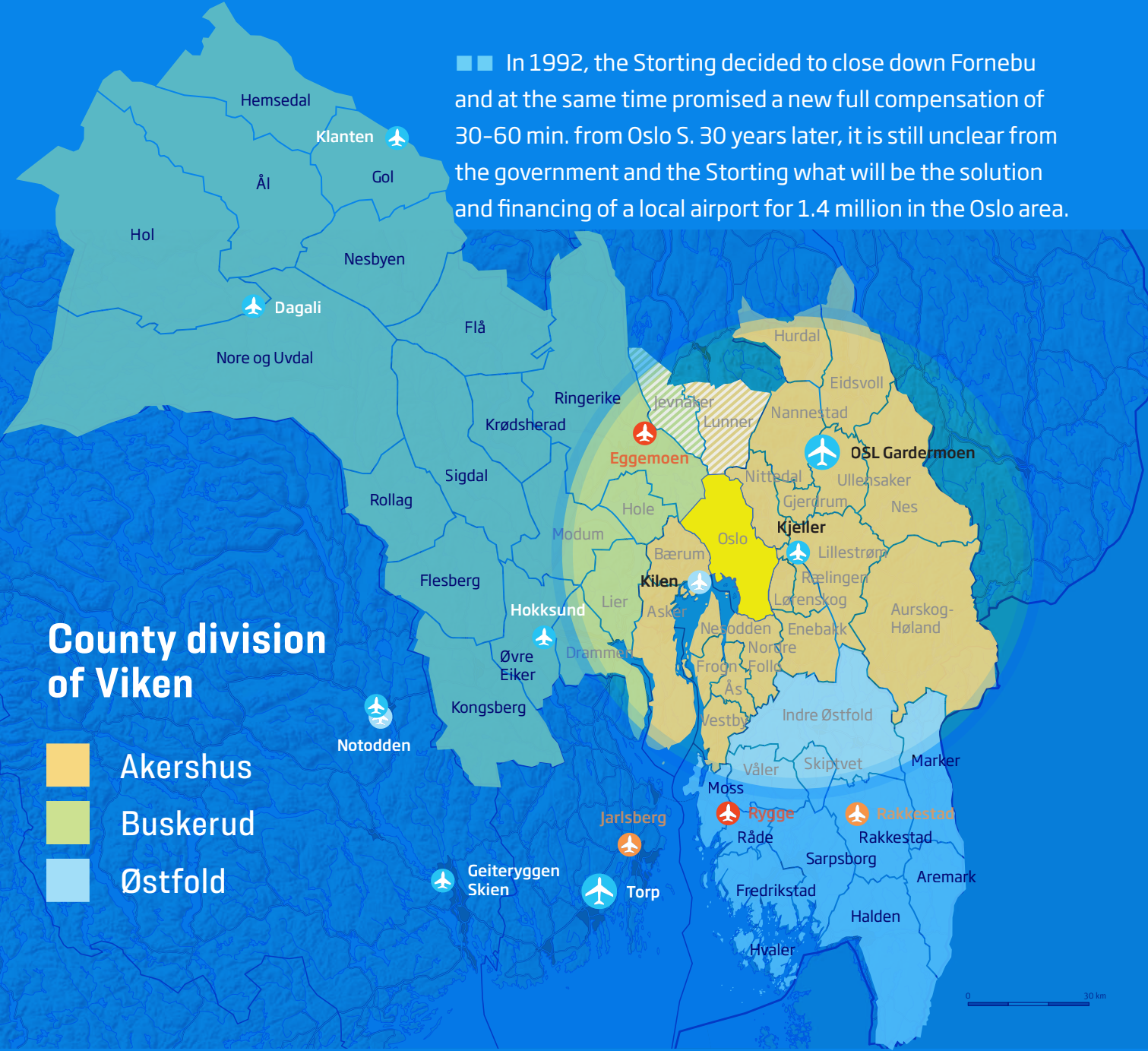
# Take the train to **YOUR LOCAL AIRPORT**

■ ■ If you want to travel as climate-friendly as possible, in a few years you can take the train to your local airport and board a regional plane with low or zero emissions. The first electric passenger planes are expected in 2028-2030. The map shows BANE NOR's train lines in the Oslo area along with existing airports. The future is electric and aviation will eventually become the greenest, most flexible and fastest way to travel.



# Local airport for **1.4 MILL. IN THE OSLO-AREA**

■ ■ In 1992, the Storting decided to close down Fornebu and at the same time promised a new full compensation of 30-60 min. from Oslo S. 30 years later, it is still unclear from the government and the Storting what will be the solution and financing of a local airport for 1.4 million in the Oslo area.



## County division of Viken

- Akershus
- Buskerud
- Østfold

Electric commuter in first test flight

27 September 2022



PHOTO: EVIATION

Universal Hydrogen with first test flight

March 2, 2023



PHOTO: UNIVERSAL HYDROGEN

SAS and Airbus together on ZEROe



ILLUSTRATION: AIRBUS

# At the start of the hybrid-electric aviation industry

Launched June 14, 2023



ILLUSTRATION: EFLY

The Efly group presents NOEMI

Launched June 14, 2023



ILLUSTRATION: EFLY

The Efly group presents NOEMI



ILLUSTRATION: EMBRAER

Energia H2 gas turbine from Embraer



ILLUSTRATION: EMBRAER X

EVE from Eve Air Mobility and EmbraerX



PHOTO: AIRBUS HELICOPTERS

CityAirbus NextGen multicopter from Airbus



PHOTO: HEART AEROSPACE SAS

SAS with ES-30 from Heart Aerospace



ILLUSTRATION: AURA AERO

Electric Regional Aircraft from Aura Aero

Plans for the AURA factory in Toulouse



ILLUSTRATION: AURA AERO

Rolls-Royce Electrical Norway 25 years



PHOTO: ROLLS-ROYCE

**GOVERNMENTAL (46)**

20 major airports  
24 short-haul airports  
2 local-regional airports  
(Kjeller and Fagernes)

**NON-GOVERNMENT (17)**

1 major airport (Torp)  
15 local-regional airports  
1 short-haul airport  
(Stord Airport)  
1 closed down  
(Framnes)



**GOVERNMENTAL (20)**

20 major airports:  
12 wholly owned by Avinor  
6 civil-military major airports  
2 military air stations  
+ 1 under construction in Mo i Rana

**NON-GOVERNMENT (1)**

1 Sandefjord Airport Torp



↑ 63 of the airports in Norwegian aviation - 2024

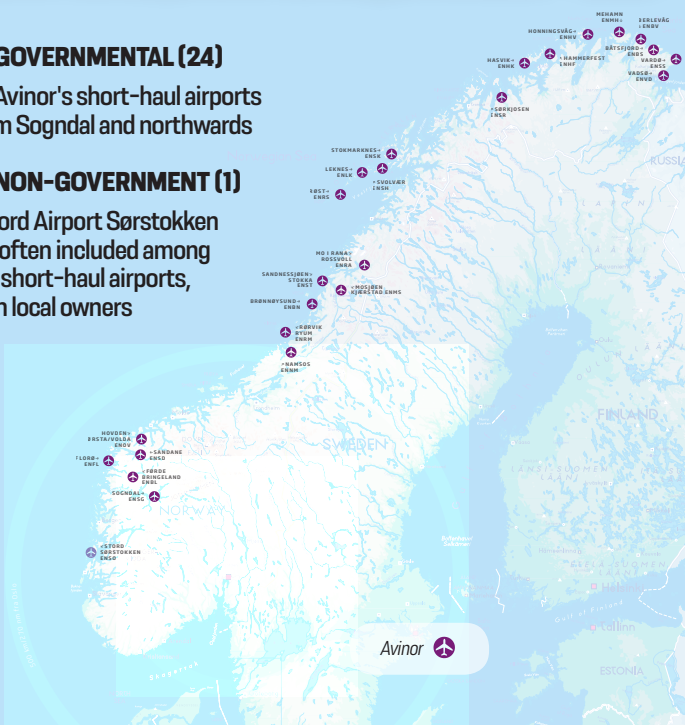
↑ 21 major airports - 2024

**GOVERNMENTAL (24)**

24 Avinor's short-haul airports  
from Sogndal and northwards

**NON-GOVERNMENT (1)**

1 Stord Airport Søstroken  
are often included among  
the short-haul airports,  
with local owners



↑ 25 short-haul airports - 2024

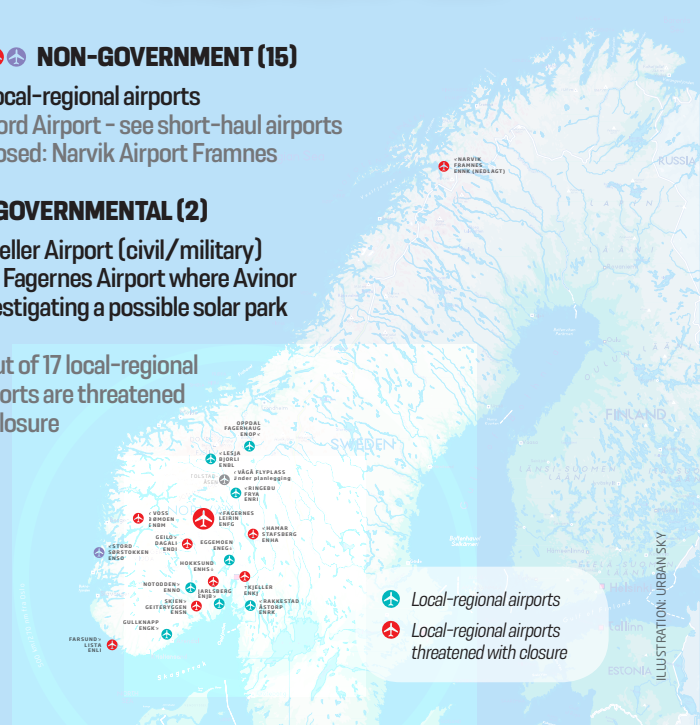
**NON-GOVERNMENT (15)**

15 local-regional airports  
1 Stord Airport - see short-haul airports  
1 Closed: Narvik Airport Framnes

**GOVERNMENTAL (2)**

2 Kjeller Airport (civil/military)  
and Fagernes Airport where Avinor  
investigating a possible solar park

9 out of 17 local-regional  
airports are threatened  
of closure



↑ 17 local-regional airports - 2024

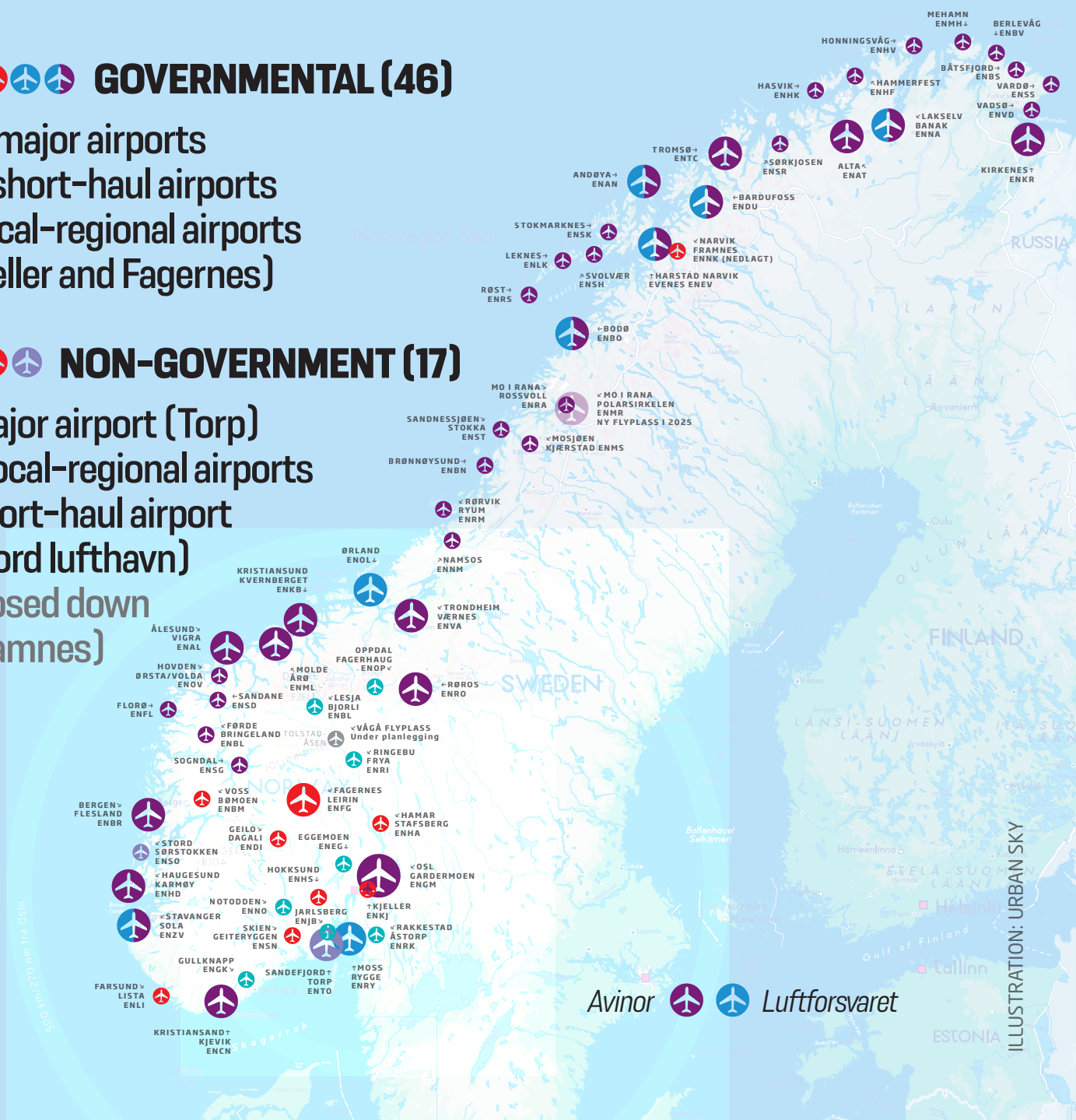
ILLUSTRATION: URBAN SKY

## **GOVERNMENTAL (46)**

20 major airports  
24 short-haul airports  
2 local-regional airports  
(Kjeller and Fagernes)

## **NON-GOVERNMENT (17)**

1 major airport (Torp)  
15 local-regional airports  
1 short-haul airport  
(Stord lufthavn)  
1 closed down  
(Framnes)



Avinor  Luftforsvaret 

↑ **63 of the airports in Norwegian aviation - 2024**

## **GOVERNMENTAL (20)**

20 major airports:  
12 wholly owned by Avinor  
6 civil-military airports  
2 military air stations  
+ 1 under construction in Mo i Rana

## **NON-GOVERNMENT (1)**

1 Sandefjord Airport Torp



Avinor   Luftforsvaret

↑ **21 major airports – 2024**

ILLUSTRATION: URBAN SKY

## **GOVERNMENTAL (24)**

24 Avinor's short-haul airports  
from Sogndal and northwards

## **NON-GOVERNMENT (1)**

1 Stord Airport Sørstokken  
are often included among  
the short-haul airports,  
with local owners



↑ **25 short-haul airports – 2024**



## **NON-GOVERNMENT (15)**

15 local-regional airports

1 Stord Airport – see short-haul airports

1 Closed: Narvik Airport Framnes

## **GOVERNMENTAL (2)**

2 Kjeller Airport (civil/military)  
and Fagernes Airport where Avinor  
investigating a possible solar park

9 out of 17 local-regional  
airports are threatened  
of closure



**↑ 17 local-regional airports – 2024**

ILLUSTRATION: URBAN SKY

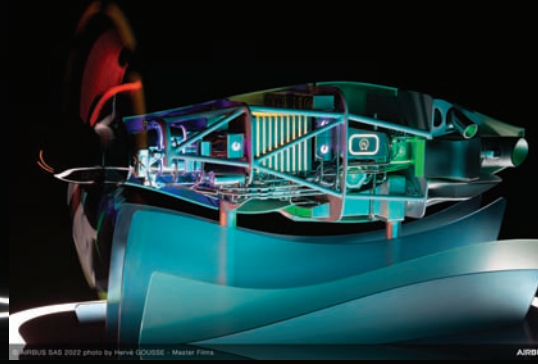
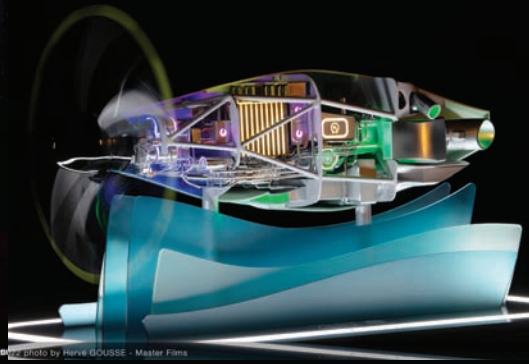
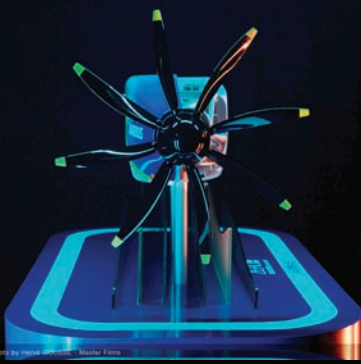


PHOTO: AIRBUS

# 2022: Airbus reveals hydrogen-powered **FUEL-CELL ENGINE**



- ■ Airbus launches a hydrogen-powered fuel cell engine on November 30 during the Airbus Summit 2022. The new propulsion system for zero-emission aircraft is planned to be operational by 2035. The engine will be tested after installation on the fuselage side of the test aircraft A380 MSN1.



ILLUSTRATION: AURA AERO

May 12, 2023: Aura Aero redesigns the ERA – Electric Regional Aircraft



ILLUSTRATION: EMBRAER

10 Nov 2022: Embraer launches Energia with four hybrid-electric airliners



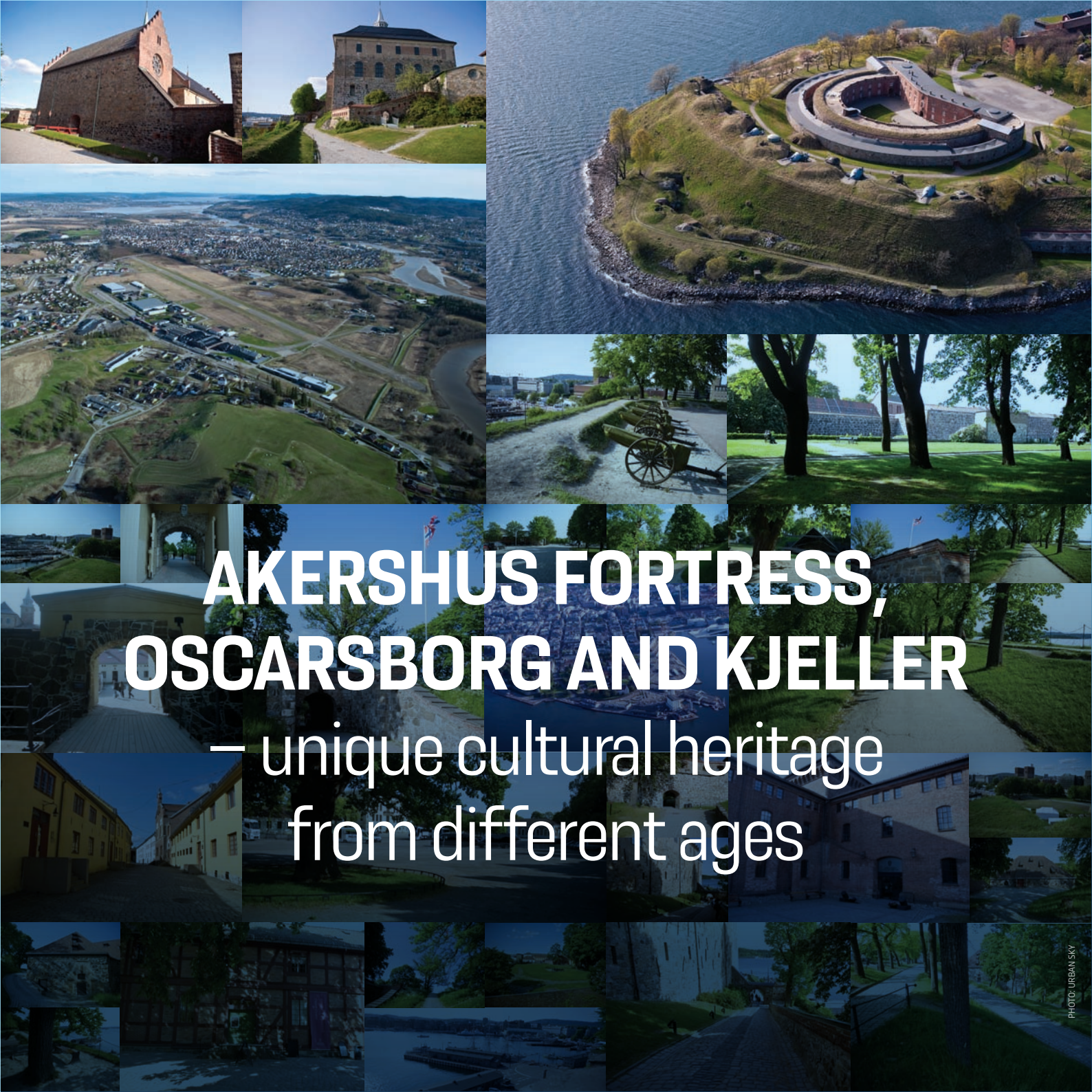
PHOTO AND ILLUSTRATIONS: HEART AEROSPACE

## Heart Aerospace unveils Heart X1 and plans to grow to 500 employees by 2025



ILLUSTRATION: ELFLY

## 14 June 2023: The Elfly group presents the amphibious aircraft NOEMI



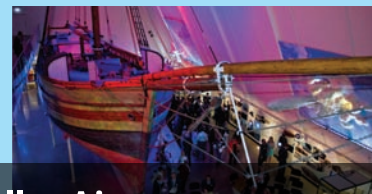
# AKERSHUS FORTRESS, OSCARSBORG AND KJELLER

– unique cultural heritage  
from different ages



# 2014: AKERSHUS FORTRESS SAVED BY RIKSANTIKVAREN

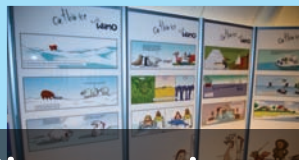
- Over **100 years** ago, it was Akershus fortress that had to be leveled and expanded to remedy the housing shortage in Kristiania at the time.
- In November 1912, the painter and writer **Christian Krohg** came out in a debate article and called for the fortress to be demolished: "When I think that Akershus must go, it is not because it is old in new surroundings, but because it is dead in a living city". (Oslohistorie)
- His conclusion was clear: "Akershus must go! **And it's urgent!** It is today, not tomorrow, that this vital and ultimately inevitable decision must be made and implemented."
- At the end of the **200-year celebration** of the Constitution in 2014, the entire Akershus fortress was decided to be protected as a cultural monument, now with no. 86131 in the cultural heritage database at Riksantikvaren.



110+ years since Roald Amundsen came from USA to Kjeller Airport



PHOTO: URBAN SKY



10+ years since the Gjøa extension opens at Fram Museum



## The South Pole 1911



## Kjeller 1913–1914



## 1914



## 1925



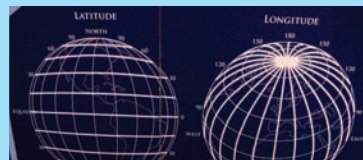
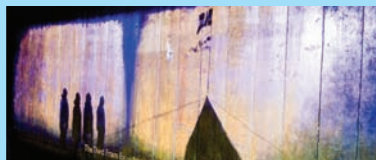
## 1925



## Ny-Ålesund, towards the North Pole 1926



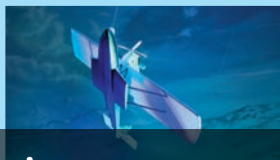
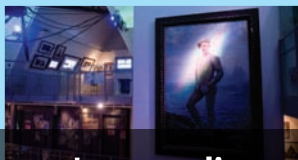
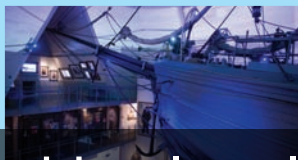
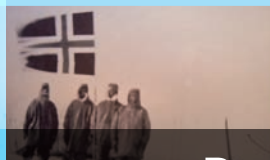




## Travel back in history at Fram Museum at Bygdøy in Oslo



PHOTO: URBAN SKY



## Dramatic expeditions and the polar explorers' great discoveries



An aerial photograph of Lillestrøm, Norway, showing a dense urban area with a large airport (Kjeller Airport) and a prominent industrial or commercial building complex (NOVA SPEKTRUM) situated near a large body of water. The city is surrounded by green hills and a river system. The sky is overcast with soft, diffused light.

Lillestrøm, the innovation city  
with **KJELLER AIRPORT**  
and **NOVA SPEKTRUM**



# EXHIBITIONS IN THE OSLO AREA

Local airport at Kjeller boosts cultural tourism and business

# Cultural heritage and **local Oslo-airport**

Join the initiative for an international centre and unique adventure arena in the Oslo area!



## **Local Oslo-airport and cultural heritage** **A valuable infrastructure for overall defence**



Each share in the company has a value of NOK 110.  
Mark payments with name, address, e-mail and mobile number.

► See the prospectus: [kjelleraviation.com](https://kjelleraviation.com)

**v:pps** 702756

Bank DNB 1506.67.71102  
BIC (SWIFT) DNBANOKKXXX - IBAN NO5015066771102



Inspired by **ROALD AMUNDSEN**.  
From flight school and university to  
an international innovation arena.



**KJELLER  
AVIATION**

▶ [kjelleraviation.com](http://kjelleraviation.com)



In the future, Kjeller can become  
**OSLO'S CORNERSTONE**  
for regional green aviation!



**KJELLER  
AVIATION**

▶ [kjelleraviation.com](http://kjelleraviation.com)

PHOTO: URBAN SKY AND HAKON NORDVIK



# KJELLER AIRPORT

**Make Kjeller an international centre  
for aviation and innovation!**

[kjelleraviation.com](http://kjelleraviation.com)