

# Welcome to Norway and Oslo Airport

**Integrating drone operations and services at airports**  
**ACI Europe SESAR Workshop**

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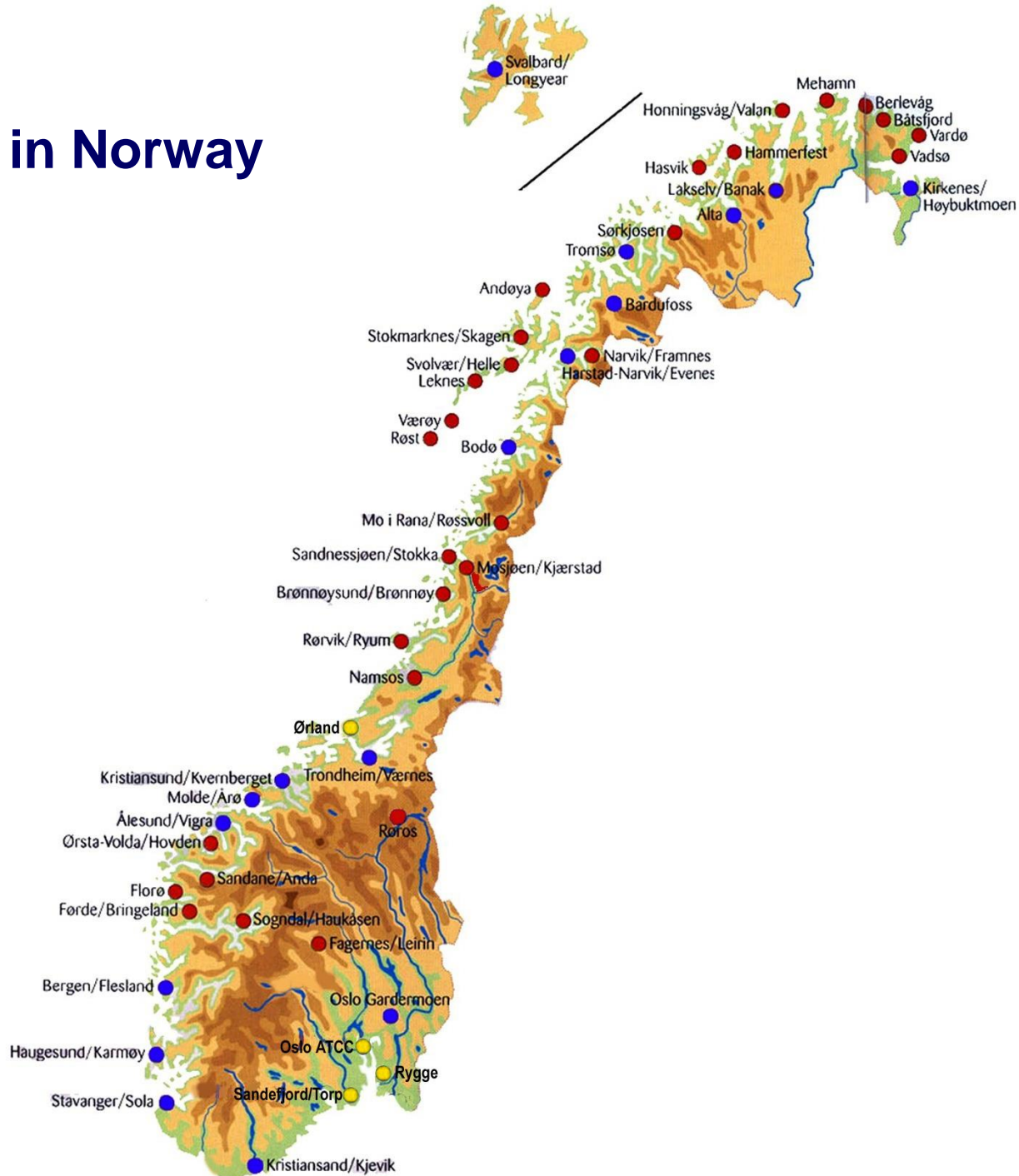


# Ownership

- Oslo Airport (OSL) is owned by AVINOR
- 100% of the stocks in AVINOR are owned by the Government (SOE)
- AVINOR owns a network of 44 airports in Norway

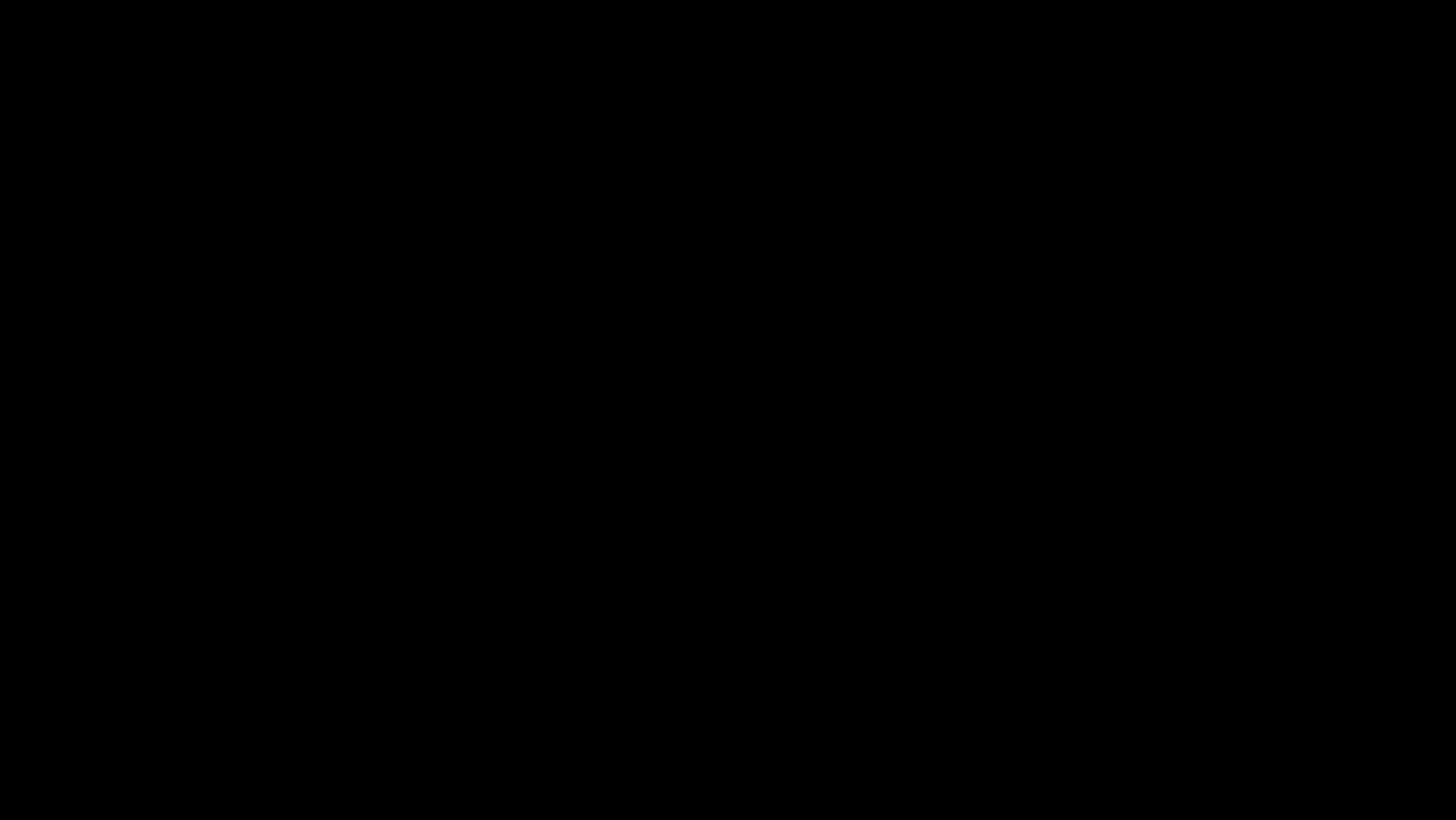


# Airports in Norway

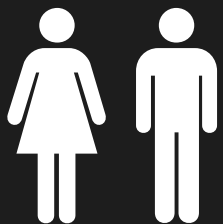


OSLO AIRPORT

# This is Norway, Avinor and Oslo Airport - video



# THIS IS AVINOR



**53,0** **MILLIONS**  
passengers per year



**3200**  
**EMPLOYEES**

# AVINOR OSLO AIRPORT



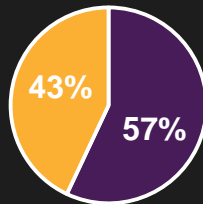
**27.8** MILLION  
PASSENGERS IN 2017



**22,000** EMPLOYEES

Top five destinations:

1. Trondheim
2. Bergen
3. Stavanger
4. Copenhagen
5. Stockholm



INTERNATIONAL

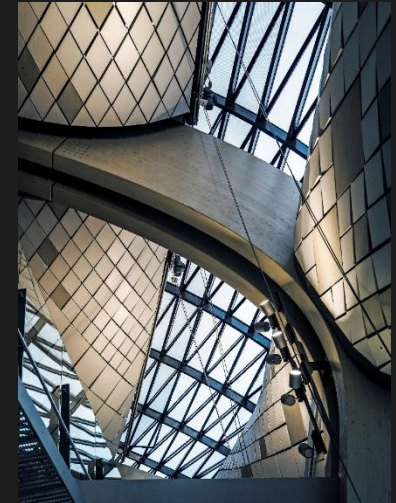
DOMESTIC

25 % transfer passengers



# Terminal expansion opened 2017

- Project period 2011-2017
- New pier, new check in areas, new baggage handling system, new railway station
- Additional 140.000 m2 Terminal (2x)
- Additional 700.000 m2 airside (1/3 x)

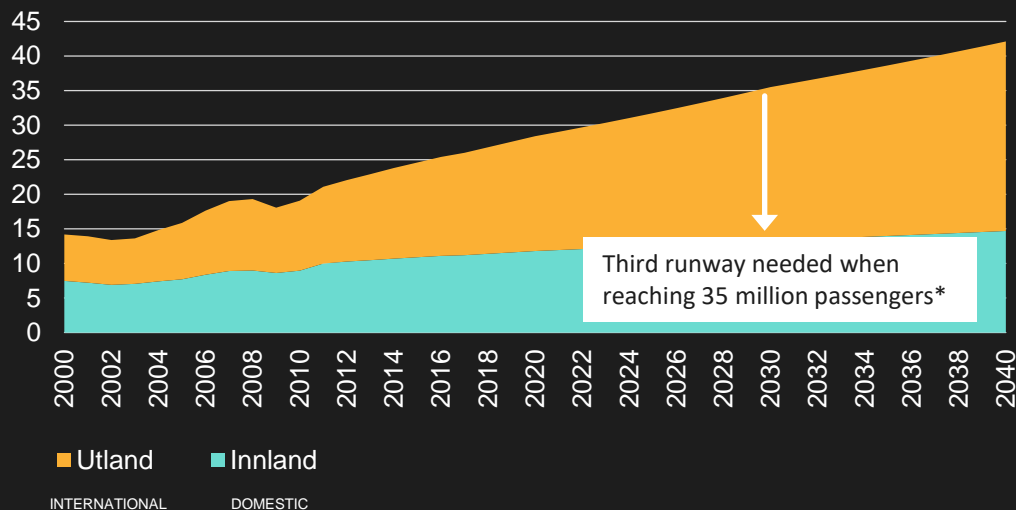


# FURTHER DEVELOPMENTS

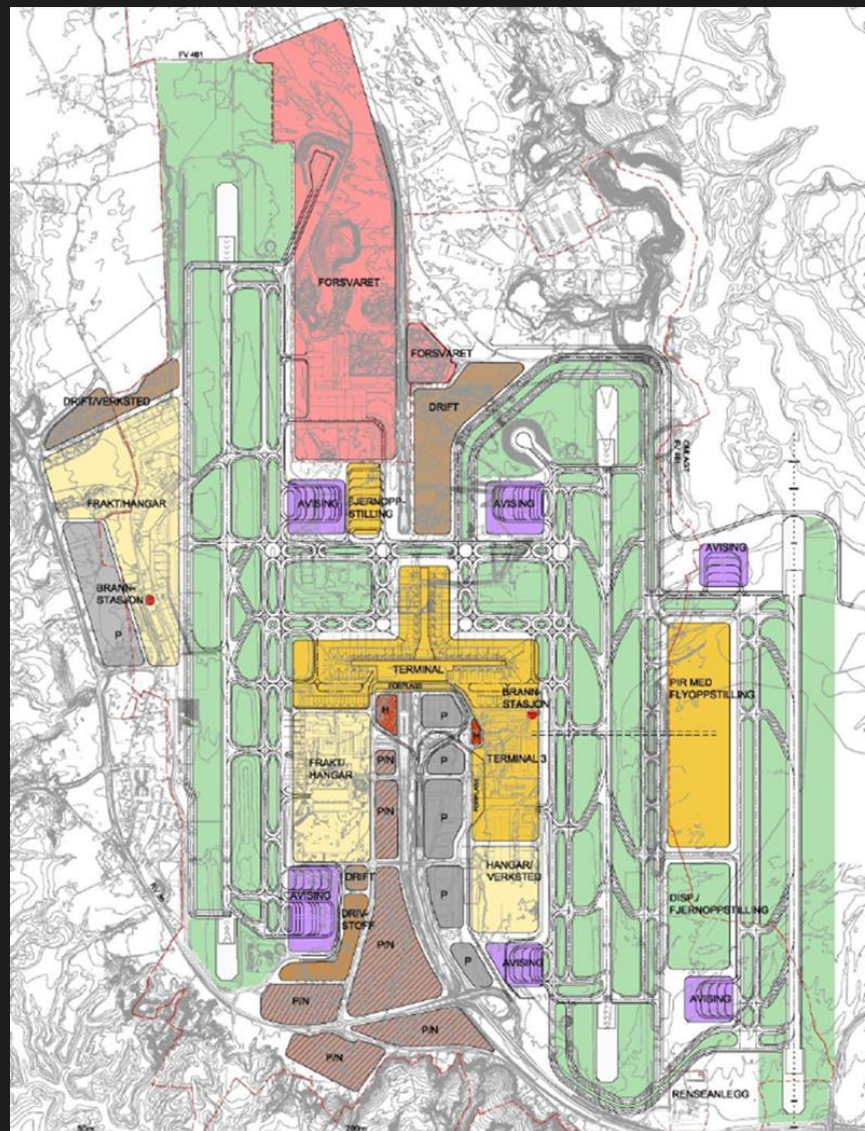


- Building a new Non-Schengen area
- Developing existing terminal to increase capacity
- Building a state of the art seafood center
- Process regarding a third runway initiated

# TRAFFIC IS INCREASING, A THIRD RUNWAY WILL BE NEEDED BY 2030



\* Since the airport's opening in 1998, growth has averaged 3.7% per year. IATA's forecast is 5% annual growth in air traffic internationally in the coming years



## Drones and Airport Operation

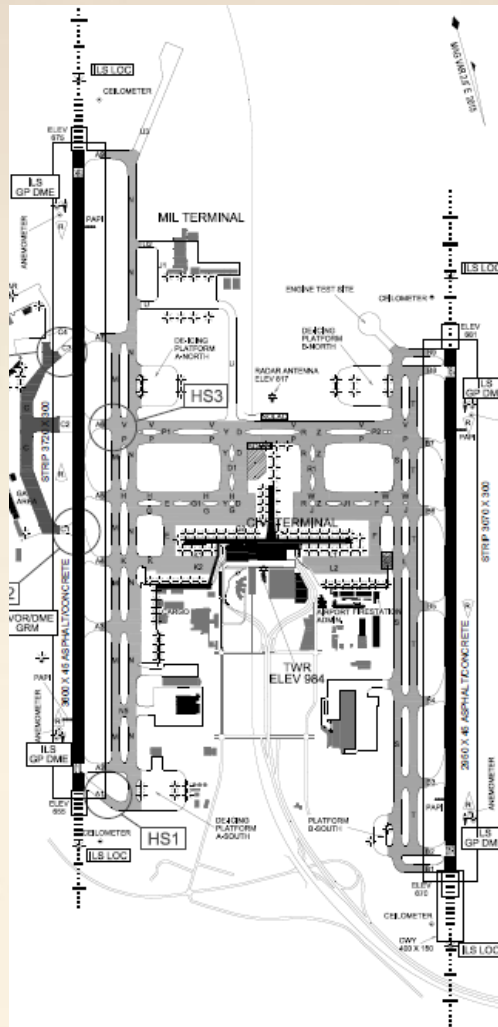
- A handful of incidents at Oslo Airport
- Two incidents on 13th june 2018



# Airport Operations

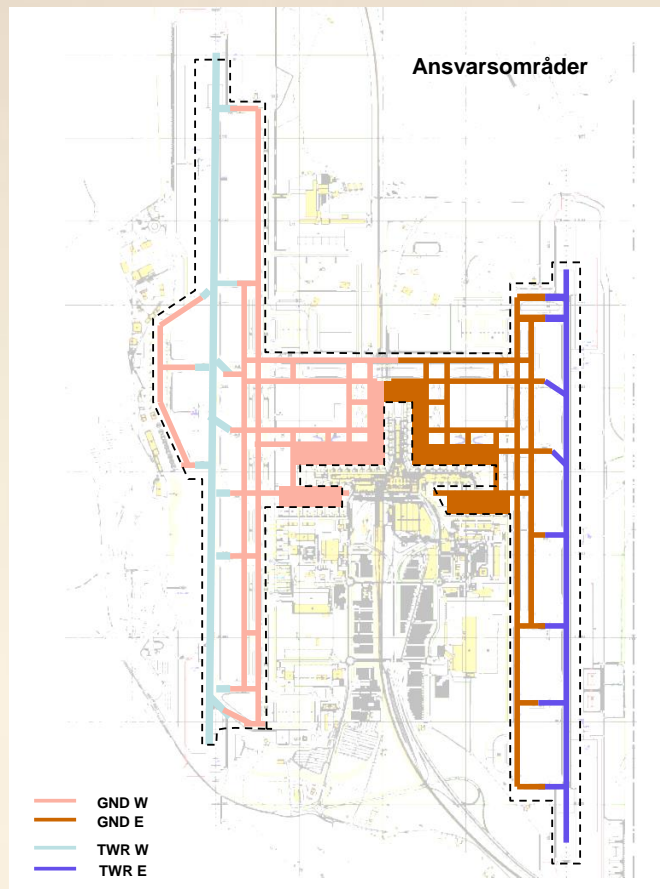
**MPO:**  
Mixed Parallel  
Operations

**SPO:**  
Segregated Parallel  
Operations

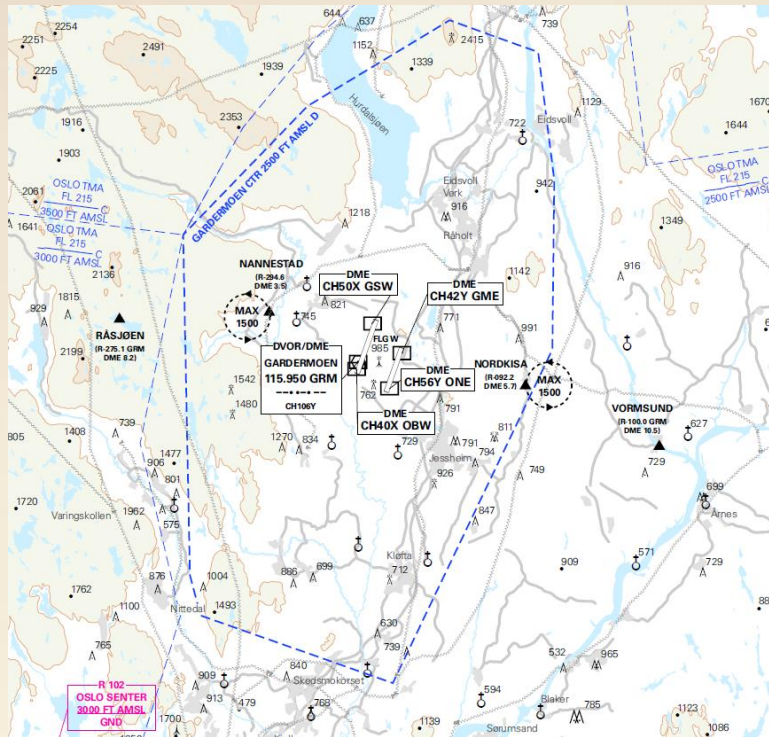


# Sectors:

TWR west  
TWR east  
GND west  
GND east  
GND P  
DS  
GX



# ENGM CTR:



# Main figures

**Controllers: 47**  
**Total staff: 55**

**Movements:**  
**85/h**  
**850/d**

**2016: 248.000**  
**2017: 254.000**



**Thank you for your attention!!**

