



# CPWG/28

## ANS FINLAND UPDATE

# HELSINKI FIR IFR TRAFFIC



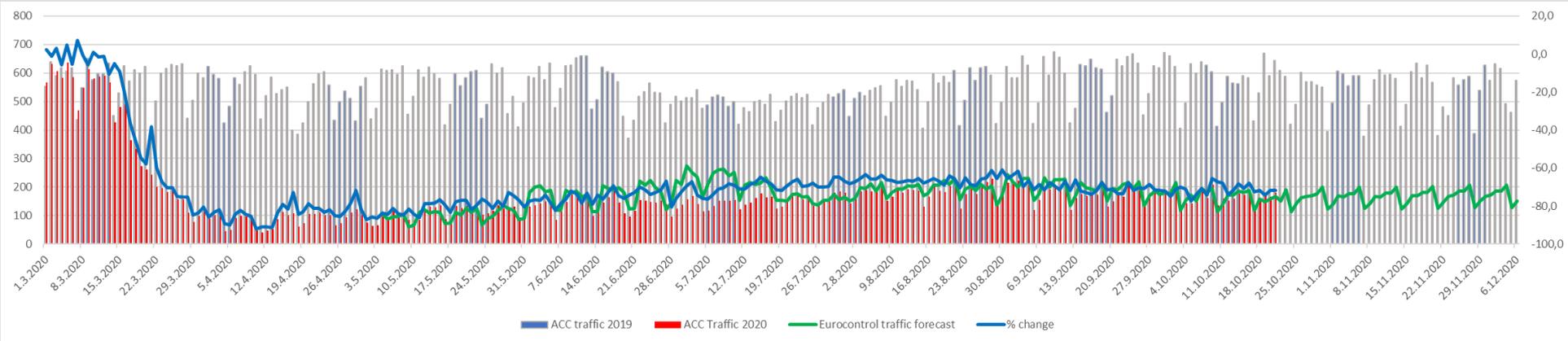
## Results in Flight Numbers

Month	Arrival			Departure			Internal			Overflight			Previous Year	Current Year	Growth
	Previous Year	Current Year	Growth												
January 2020	6,688	6,733	0.7%	6,698	6,733	0.5%	4,651	4,415	-5.1%	5,107	5,310	4.0%	23,144	23,191	0.2%
February 2020	6,136	6,329	3.1%	6,138	6,313	2.9%	4,508	4,498	-0.2%	4,536	4,749	4.7%	21,318	21,889	2.7%
March 2020	6,901	4,286	-37.9%	6,903	4,293	-37.8%	5,181	3,299	-36.3%	5,124	4,005	-21.8%	24,109	15,883	-34.1%
April 2020	6,972	775	-88.9%	6,972	780	-88.8%	4,262	622	-85.4%	5,061	1,269	-74.9%	23,267	3,446	-85.2%
May 2020	7,753	897	-88.4%	7,755	897	-88.4%	4,204	688	-83.6%	5,401	1,744	-67.7%	25,113	4,226	-83.2%
June 2020	7,634	1,250	-83.6%	7,636	1,246	-83.7%	3,553	1,099	-69.1%	5,412	1,903	-64.8%	24,235	5,498	-77.3%
July 2020	7,572	1,925	-74.6%	7,564	1,923	-74.6%	2,909	1,100	-62.2%	5,358	2,156	-59.8%	23,403	7,104	-69.6%
August 2020	7,647	2,356	-69.2%	7,655	2,345	-69.4%	3,768	1,804	-52.1%	5,378	2,105	-60.9%	24,448	8,610	-64.8%
September 2020	7,690	1,714	-77.7%	7,686	1,727	-77.5%	4,429	1,877	-57.6%	5,425	2,276	-58.0%	25,230	7,594	-69.9%
Grand Total	64,993	26,265	-59.6%	65,007	26,257	-59.6%	37,465	19,402	-48.2%	46,802	25,517	-45.5%	214,267	97,441	-54.5%

## Results in Flight Duration (min)

Month	Arrival			Departure			Internal			Overflight			Previous Year	Current Year	Growth
	Previous Year	Current Year	Growth												
January 2020	167,397	169,433	1.2%	123,425	126,312	2.3%	249,260	233,407	-6.4%	120,975	136,036	12.4%	661,057	665,188	0.6%
February 2020	156,003	159,711	2.4%	113,067	122,708	8.5%	243,510	239,677	-1.6%	108,666	113,205	4.2%	621,245	635,300	2.3%
March 2020	171,335	104,310	-39.1%	129,985	82,870	-36.2%	277,259	176,926	-36.2%	122,678	97,124	-20.8%	701,257	461,230	-34.2%
April 2020	163,665	19,909	-87.8%	120,312	14,600	-87.9%	217,816	35,757	-83.6%	123,457	36,743	-70.2%	625,249	107,009	-82.9%
May 2020	177,259	22,419	-87.4%	141,042	16,743	-88.1%	211,228	41,186	-80.5%	136,707	53,856	-60.6%	666,235	134,204	-79.9%
June 2020	177,913	30,826	-82.7%	131,150	23,445	-82.1%	182,798	66,641	-63.5%	138,341	53,265	-61.5%	630,203	174,177	-72.4%
July 2020	169,264	44,287	-73.8%	127,001	36,528	-71.2%	146,670	66,364	-54.8%	136,284	50,651	-62.8%	579,219	197,830	-65.8%
August 2020	176,622	53,053	-70.0%	134,089	41,474	-69.1%	185,370	96,899	-47.7%	146,408	50,423	-65.6%	642,489	241,850	-62.4%
September 2020	180,467	39,467	-78.1%	138,989	30,462	-78.1%	221,716	111,515	-49.7%	136,631	53,436	-60.9%	677,802	234,880	-65.3%
Grand Total	1,539,925	643,416	-58.2%	1,159,059	495,141	-57.3%	1,935,626	1,068,372	-44.8%	1,170,146	644,739	-44.9%	5,804,755	2,851,669	-50.9%

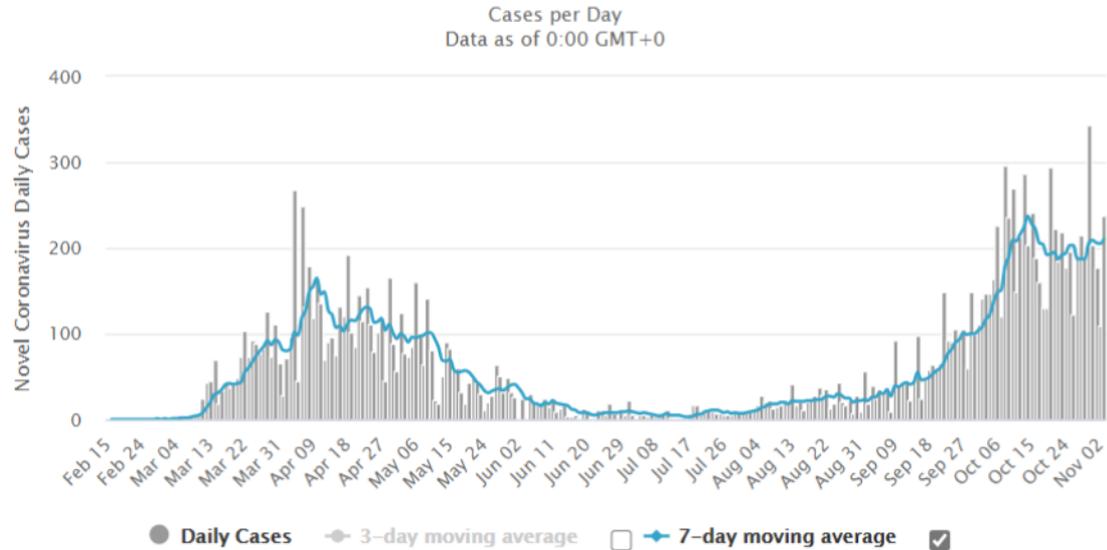
# Helsinki ACC daily traffic



# Covid -19 status and travel restrictions in Finland



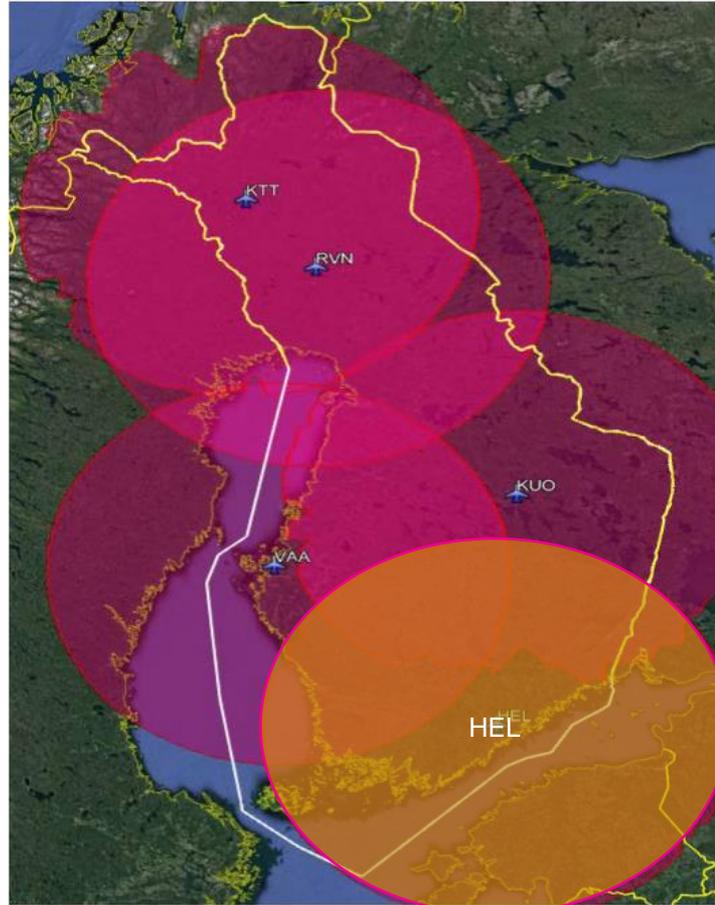
- COVID-19 situation has remained good in comparison to most of the Europe.
- The incidence of new cases in relation to population has been under/close to 50 cases per 100 000 inhabitants during the pandemic (14-day monitoring period)



- Internal border control (Schengen countries) has been reinstated.
- Foreign nationals from countries that are subject to border control are not allowed to enter to the country without essential personal reason. (work, family etc.)
- The transit on regularly scheduled routes is permitted.
- Entry to Finland may be permitted for special groups, such as representatives of culture, sports and business life
- The Government recommends avoiding unnecessary travel to countries other than those that are exempted from entry restrictions.
- A 14 days self-quarantine is recommended for passengers arriving in Finland from countries that are still subject to border control other than those exempted. Can be shortened by taking a test.

# EFIN FIR CPDLC update

- Currently SITA/ATN available FL95+
  - Logon address EFIN
- As of Dec 1st 2020 ARINC/ATN FL95+ will be operational in southern part of Finland (Helsinki station)
  - Logon address EFIN
- Planned: ARINC/ATN FL95+ whole Finland



*ARINC Network coverage FL285+*



**The objective of FINEST is to achieve optimal performance in the areas of service provision, cost-efficiency, capacity, flight efficiency, continuity and safety.**

**FINEST**

integrated services by  
EANS & ANS FINLAND

- ❑ Dynamically created operational sectors by combining small “airblocks”. FMP can choose from over 60 useable configurations to meet any traffic demand and flows.
- ❑ Operational sectors can be manned either by Helsinki or Tallinn ACC - Common ATCO roster.

### EXAMPLE WEEK 12

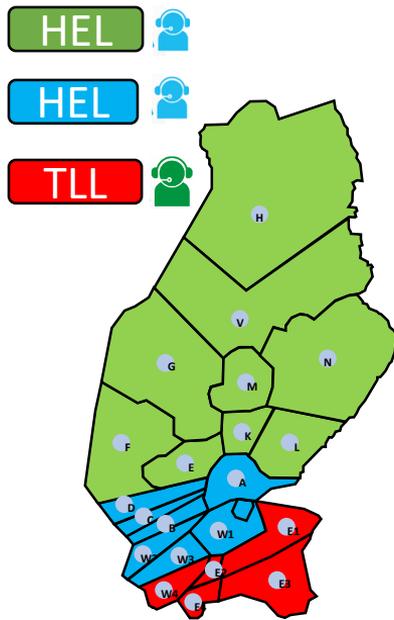
#### Morning shift



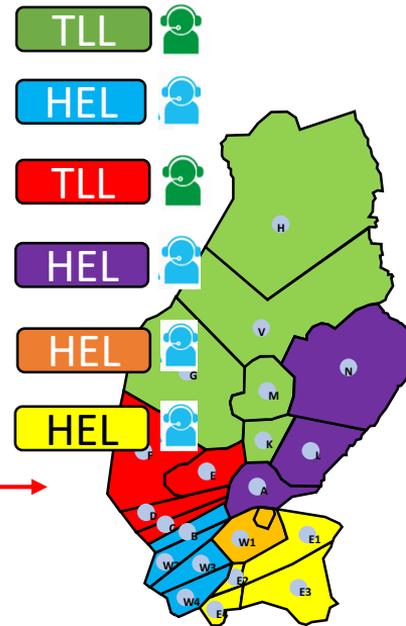
#### Day shift



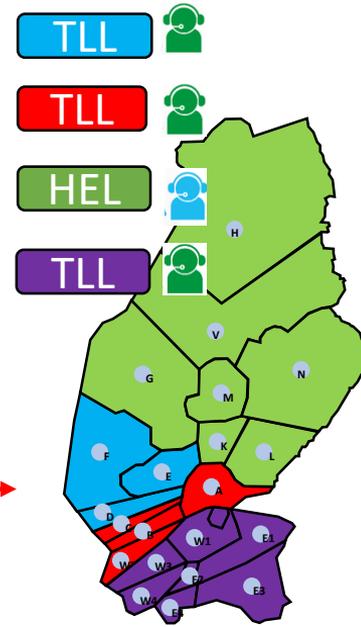
#### Evening shift



Example configuration for morning Helsinki departures



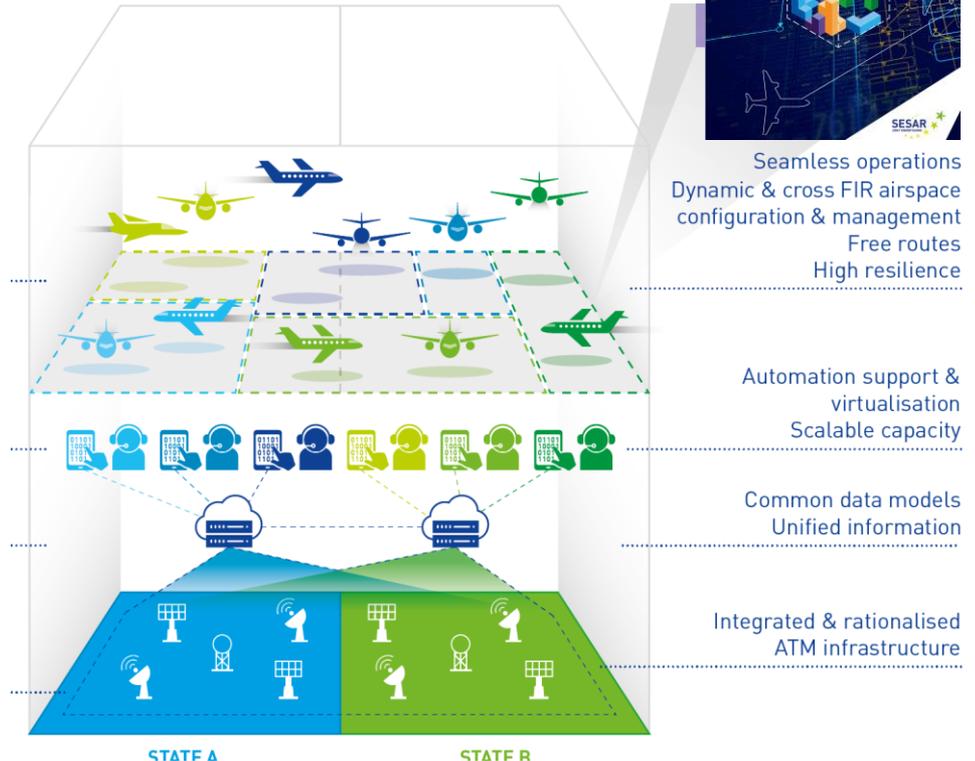
Example config. For afternoon mixed traffic



Example config. For late evening Helsinki arrivals

# FINEST Objectives

- **Airspace reconfiguration**
  - Design airspace and sectors according to the future traffic flows
- **Operational utilization of human resources**
  - Create a common ATCO roster
  - Use ATCOs in two ACCs in any sectors
- **Systems connectivity and interoperability**
  - Connect ATCO CWP in two ACCs into 1 FDP
  - Share all CNS infrastructure between two ACCs
- **Safety improvement**



# IMPLEMENTATION STAGES

**START  
DONE**

**Development  
Phase**

**2019**



By December 2019

- Airspace design ready

**STAGE 1  
DONE**

**Common DPR  
implementation  
Q4 2020**

**2020**



In 2020

- Development and harmonization Stakeholder coordination

**STAGE 2  
IN  
PROGRESS**

**Common ATCO  
procedures  
&  
ATC system  
upgrade  
2021**

**2021**



By September 2021

- All technical systems ready
- Publication & NSA approvals
- CAPAN report

**STAGE 3**

**FINEST  
AIRSPACE  
COMMISSION**

**APRIL 2022**



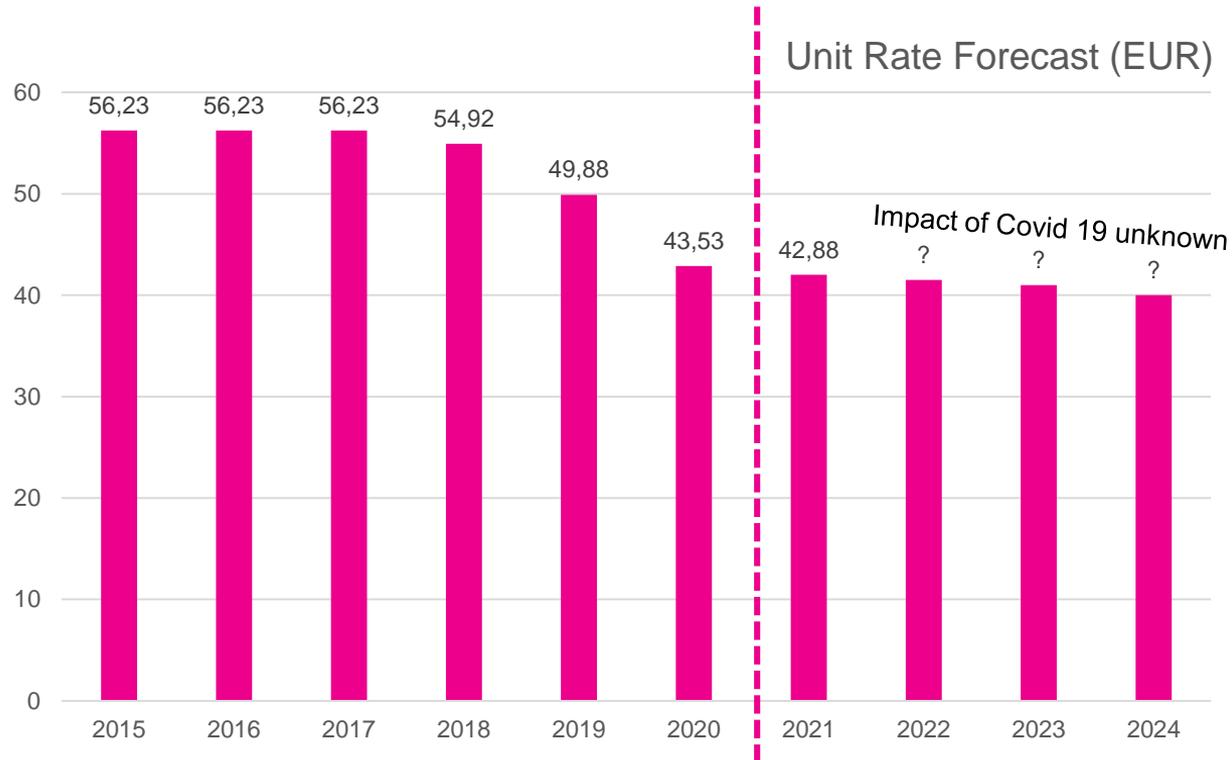
In 2022

- ATCO Airspace training

**STAGE 4  
future  
possibilities**



# ROUTE CHARGES IN FINLAND (EUR)





Thank you for your attention!