



CPWG/28

ANS FINLAND UPDATE

HELSINKI FIR IFR TRAFFIC



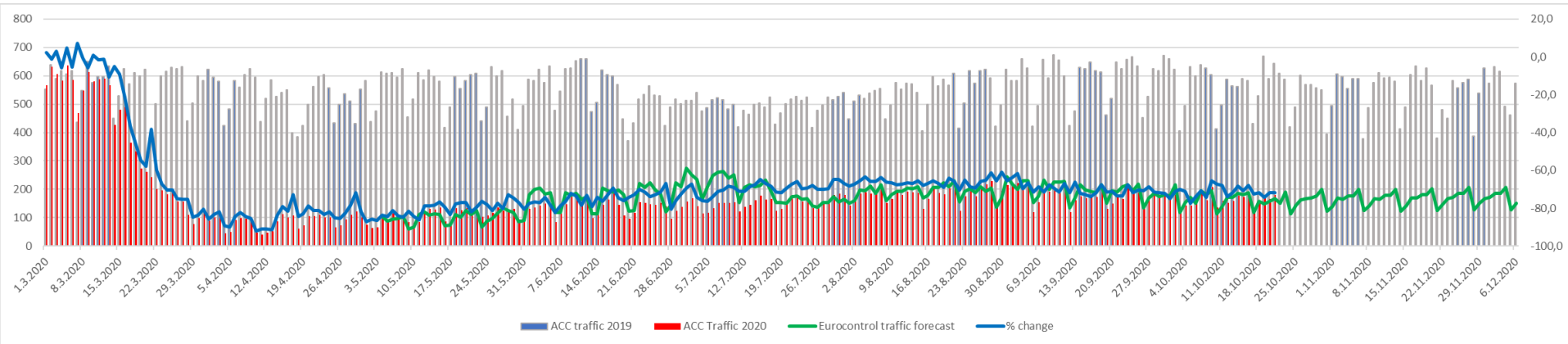
Results in Flight Numbers

	Arrival			Departure			Internal			Overflight			Previous Year	Current Year	Growth
Month	Previous Year	Current Year	Growth	Previous Year	Current Year	Growth	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)

	Arrival			Departure			Internal			Overflight			Previous Year	Current Year	Growth
Month	Previous Year	Current Year	Growth	Previous Year	Current Year	Growth	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%	1,169,059	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%

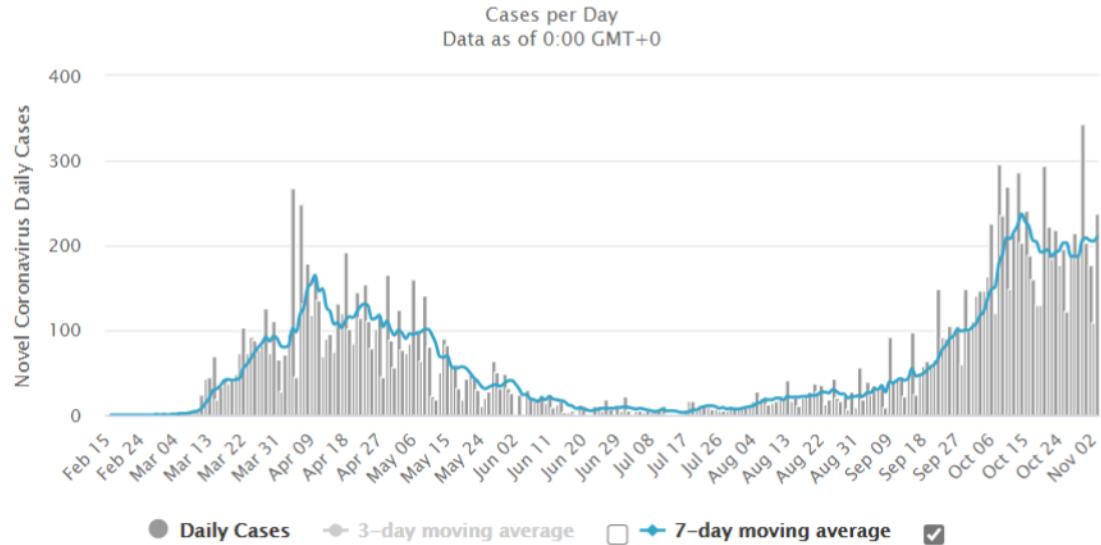
Helsinki ACC daily traffic



Covid -19 status and travel restrictions in Finland



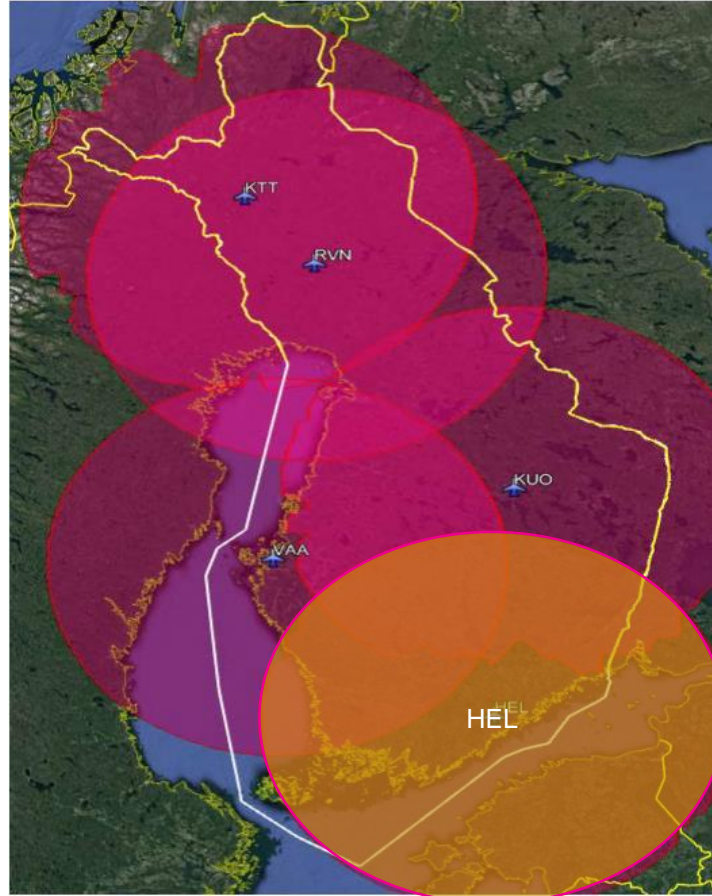
- COVID-19 situation has remained good in comparison to most of the Europe.
- The incidence of new cases in relation to population has been under/close to 50 cases per 100 000 inhabitants during the pandemic (14-day monitoring period)



- 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

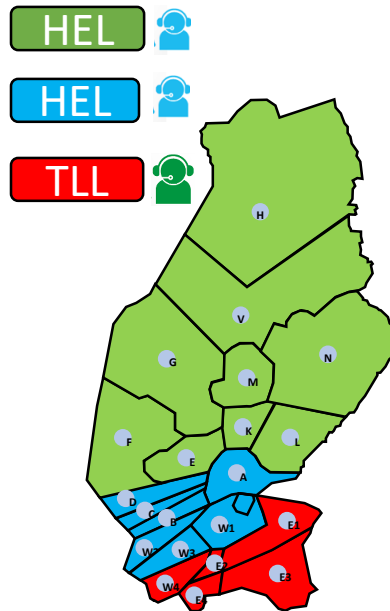
Morning shift



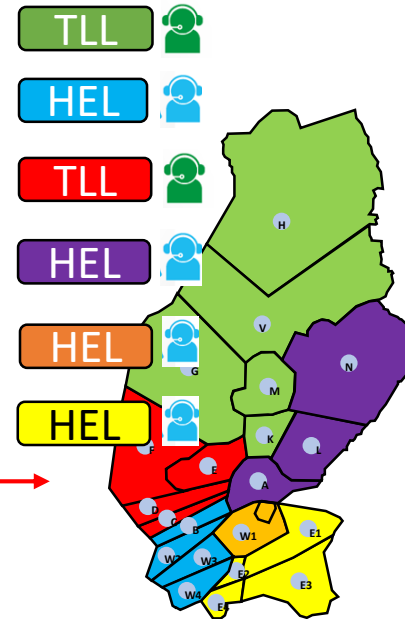
Day shift



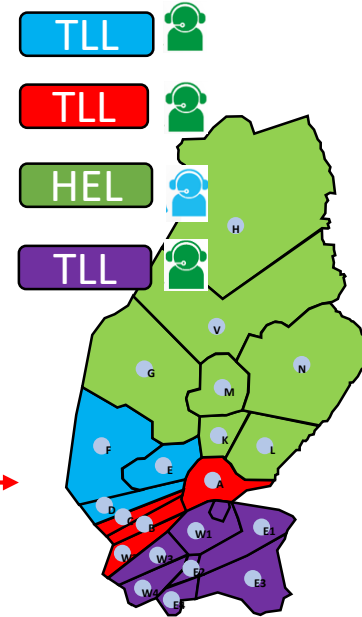
Evening shift



Example configuration for morning Helsinki departures



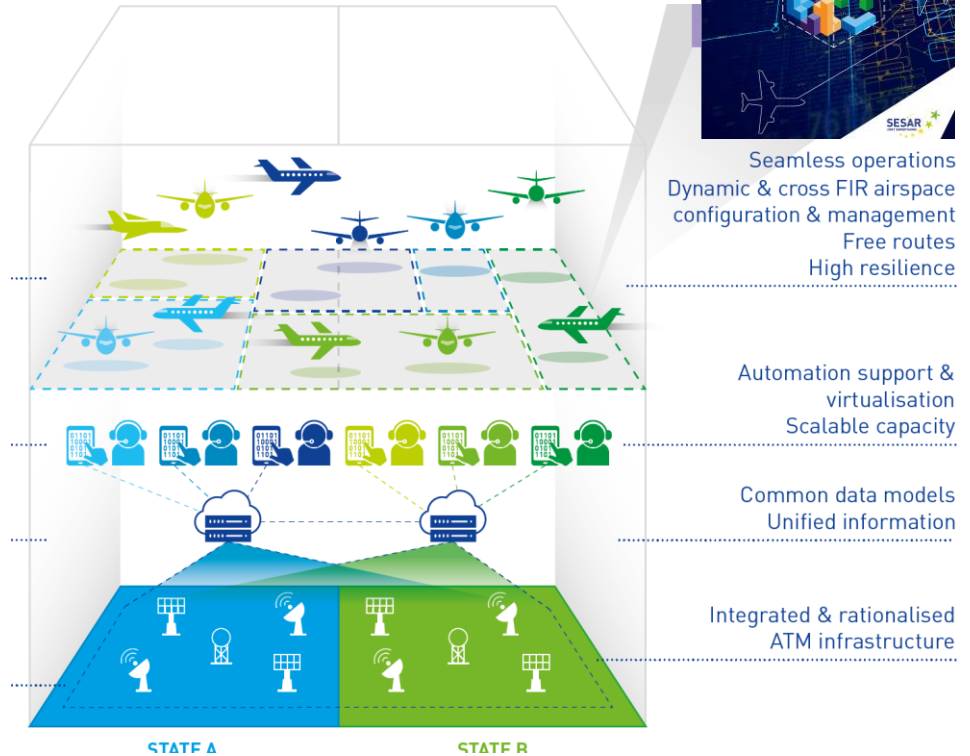
Example config. For afternoon mixed traffic



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**

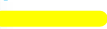
APRIL 2022



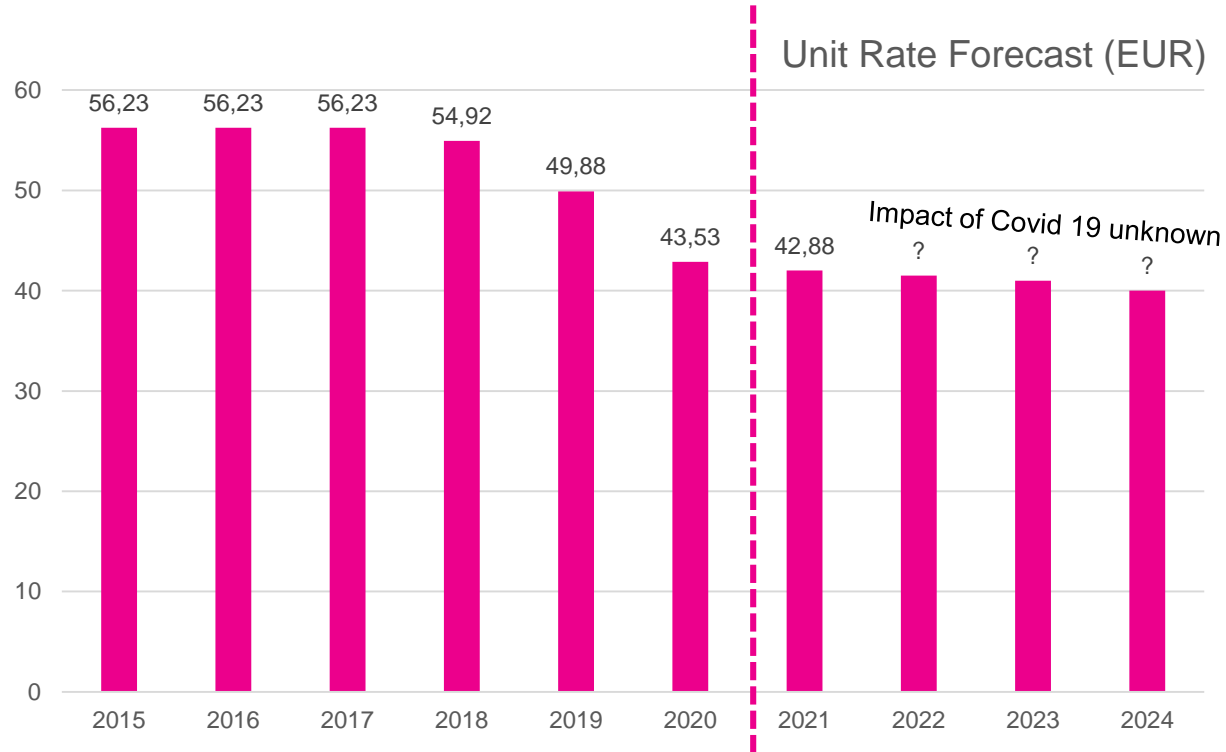
In 2022

- ATCO Airspace training

STAGE 4
future
possibilities



ROUTE CHARGES IN FINLAND (EUR)





Thank you for your attention!