Supporting European Aviation



Network Manager Operations Centre

November 2021







+ Morocco and Israel

EUROCONTROLOffice Locations



BELGIUM Brussels (HQ & ATM Network)



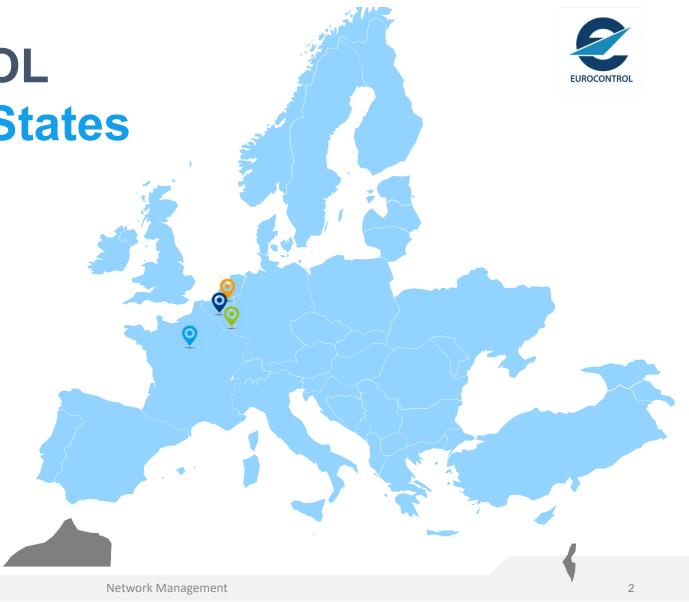
NETHERLANDS Maastricht (MUAC ANSP)



FRANCE
Brétigny-sur-Orge (Research Centre)



LUXEMBOURG
Luxembourg (Training Centre)



EUROCONTROL's CENTRAL ROLE For European Aviation

Air Traffic Network Manager for all of Europe – 11 million flights 2018

ATC Billing Service - €10 billion p.a.

Maastricht Air Navigation Service Provider

Civil-Military coordination

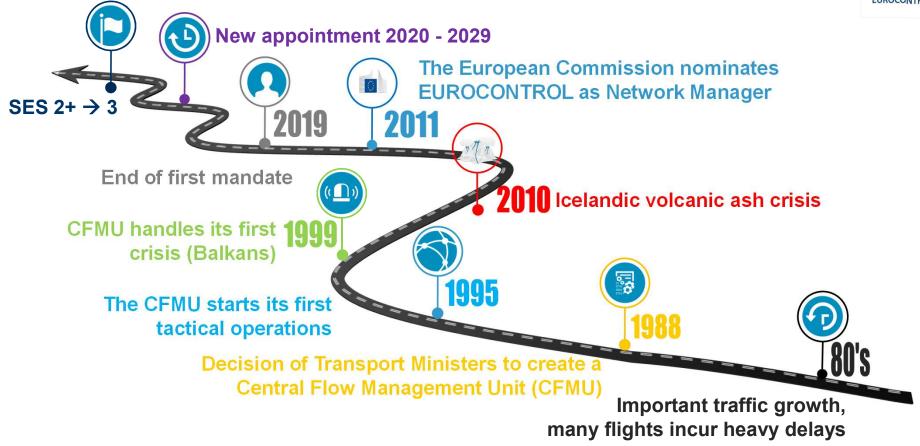
Air Traffic Expert support to EU bodies

Pan-European



EUROCONTROL

The story about Network Manager



ATM Network Functions







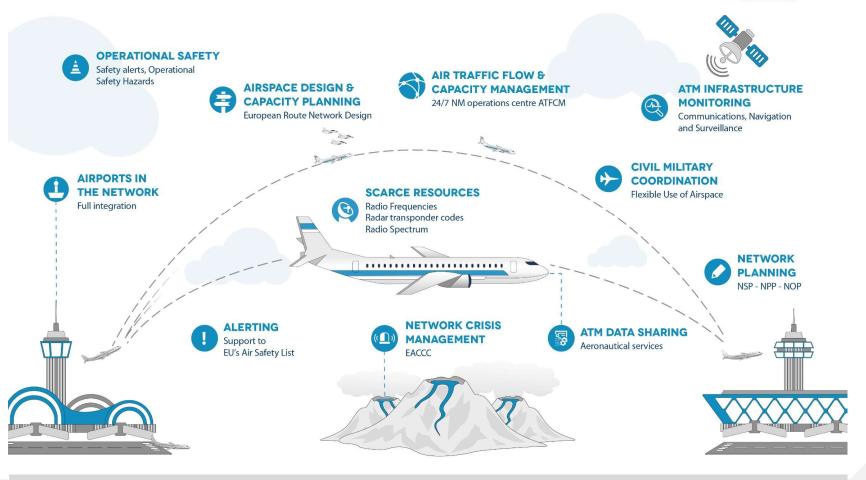
Our Role for the European Network?



THE NETWORK MANAGER CONNECTING THE NETWORK TO DELIVER IMPROVED PERFORMANCE





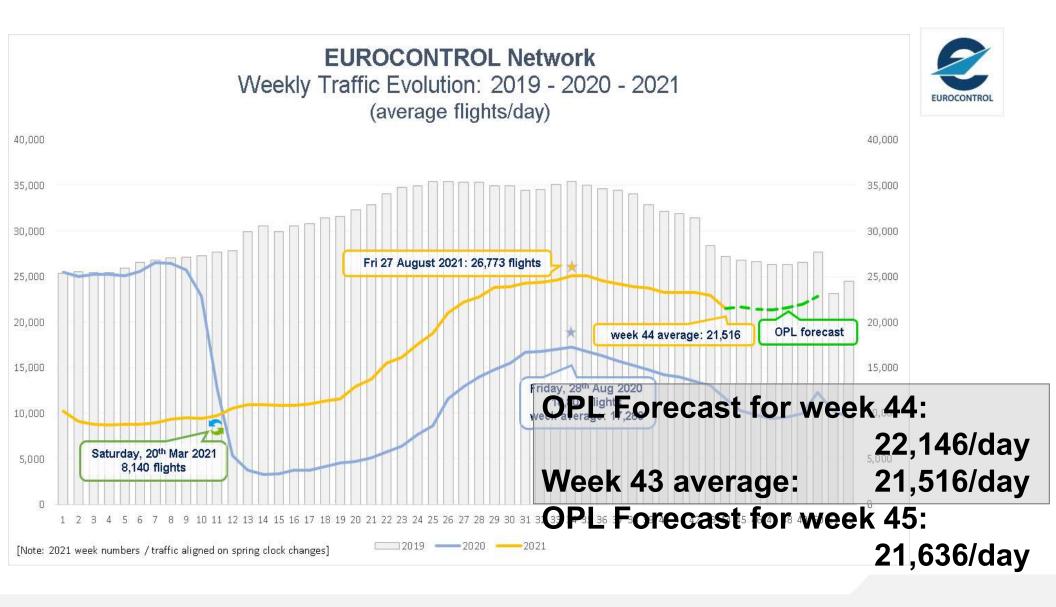


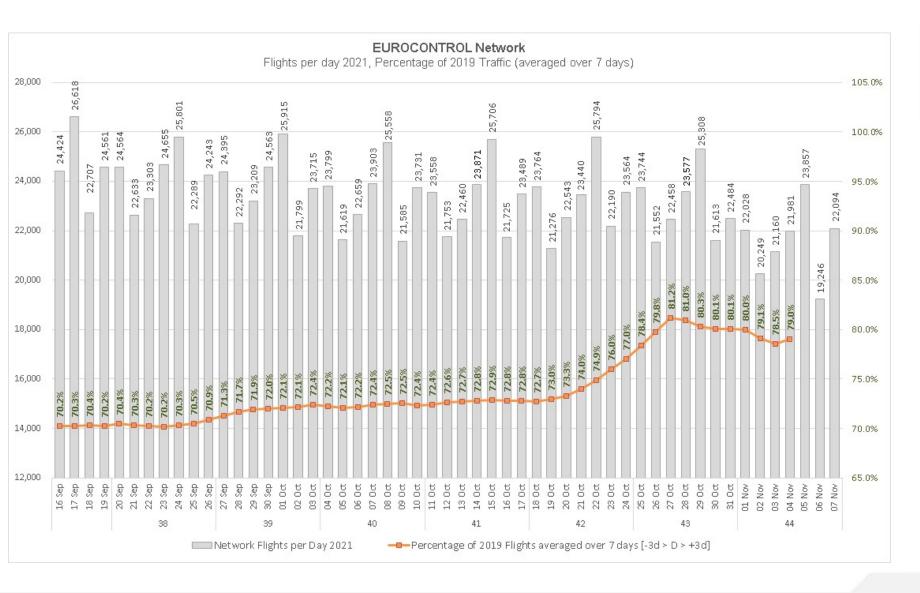




NETWORK MANAGER OPERATIONS CENTRE



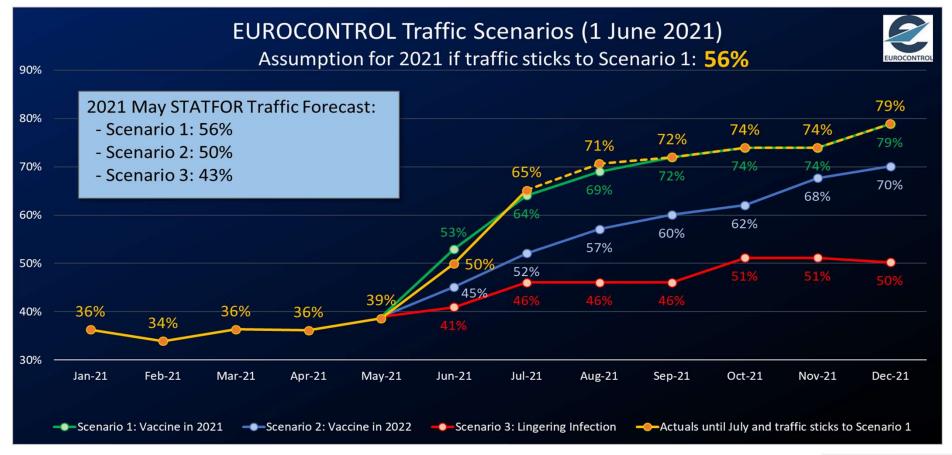


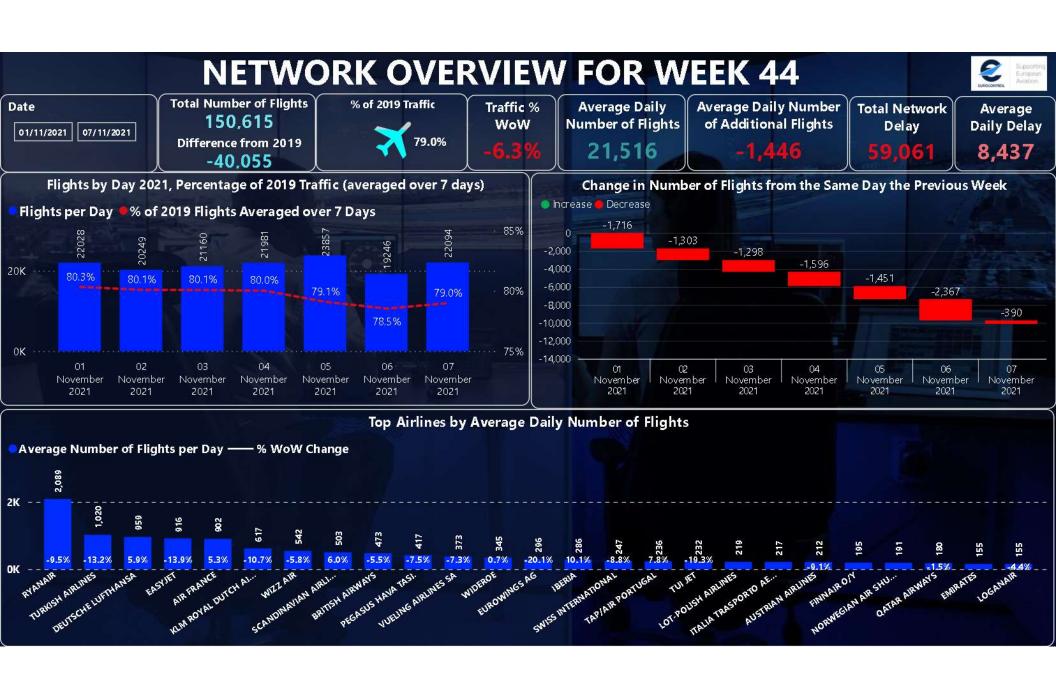


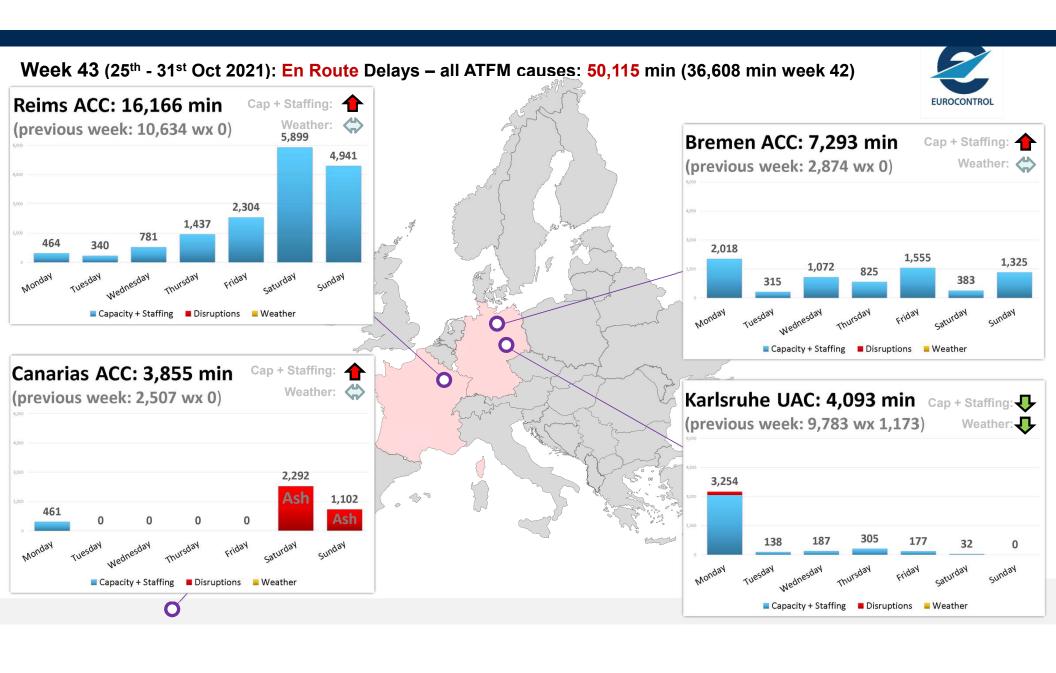


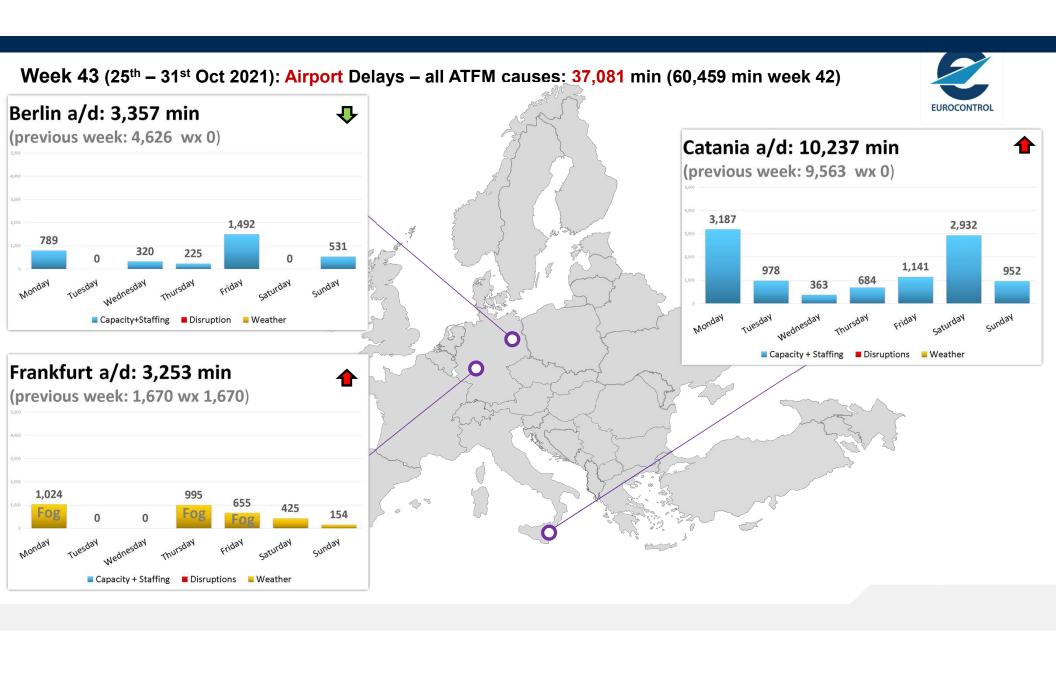
DOWN 30% = 10,000 FLIGHTS DAILY





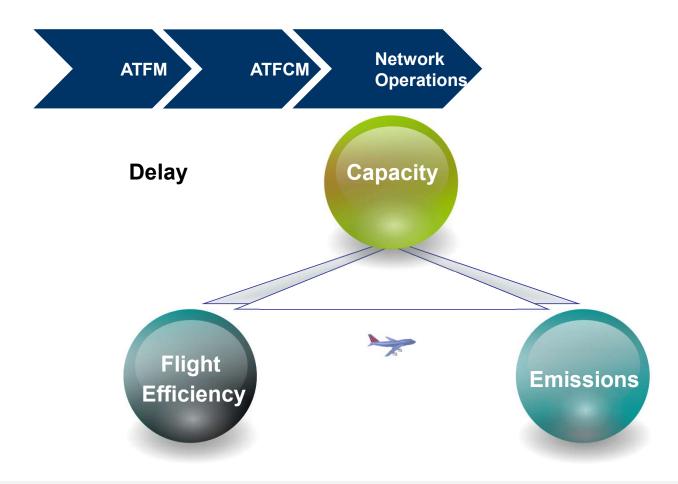






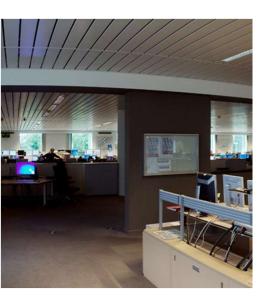


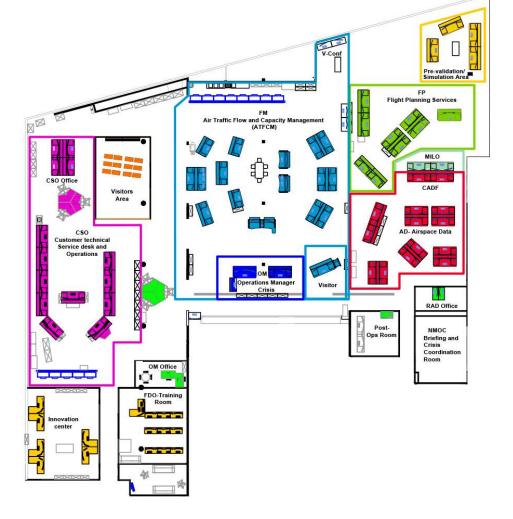
Network Operations



The Network Manager Operations Centre



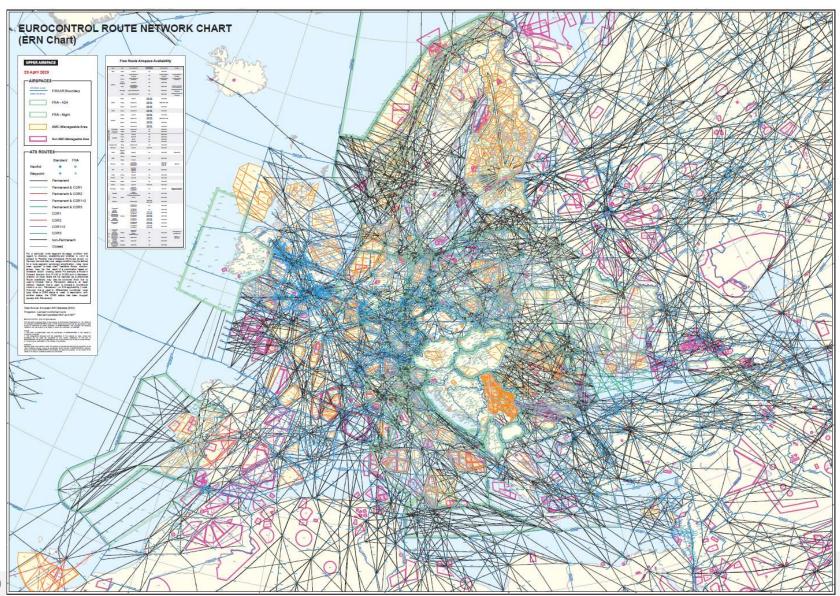






Document Classification: Green

16





23/04/2020



The elementary sectors (potential max Network capacity)



Supporting European Aviation



Operations in Pandemic

Crisis management

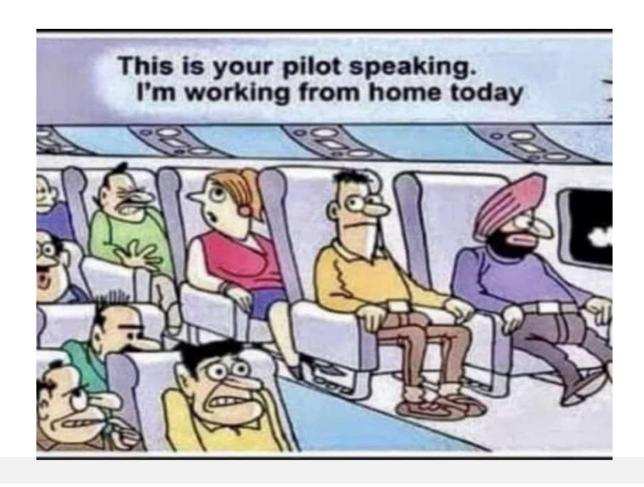
Slavi Stoyanov
Operations Manage







24/7 work during pandemic, different challenge





Ensure Ops staff health

- Split rosters applied to reduce the risk of infections.
- Less interaction for food and breaks
- A few infections, but no risk across the room
- Operations never in danger
- Many supporting activities
- Plenty of administrative tasks in coordination with senior management, HR, MS.
- Not always clear what to do, no one was prepared for worldwide pandemic



Hazards remain

Volcano in Geldingadalur on March 25, 2021, on Iceland's Reykjanes Peninsula. After 900Y eruption was expected

We remember 2010



OPS prepare for the event













Local crisis. Etna eruptions





Local crisis leading to NM crisis (EGLL 2010)



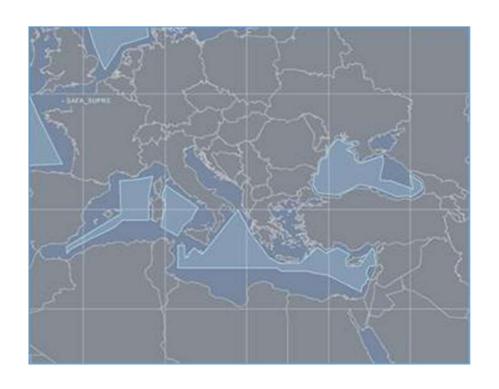


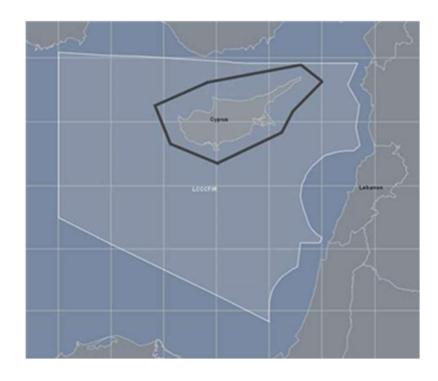
Political crisis. Sunday 23 May, FR4978





All Belarusian registered A/C cannot overly territory of EU





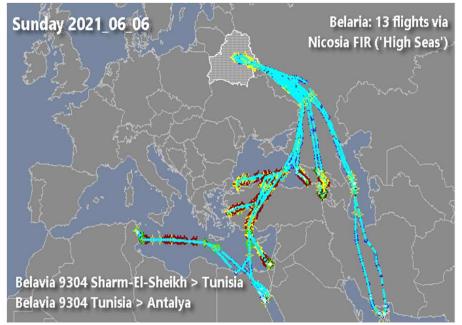
OPA Support



EASA safety Information bulletin



EU council decision



CRISIS



Network crisis

- Most of the time triggered by operations
- Senior management is informed
- Process known
- Systems prepared

Political crisis

- Most of the time information form senior management or external communication to the ops.
- Different needs, process not at 100%
- Systems need improvement
- Accurate and timely communication



What next: Operational staff challenges after long period with low traffic demand. ANSPs, AOs, A/Ds and NM in similar situation.





Ops colleagues wish you busy summer!!!

