Performance
through
innovation

EUROCONTROL

PRC TRANSFORMATION WORKSHOP

EUROCONTROL MUAC

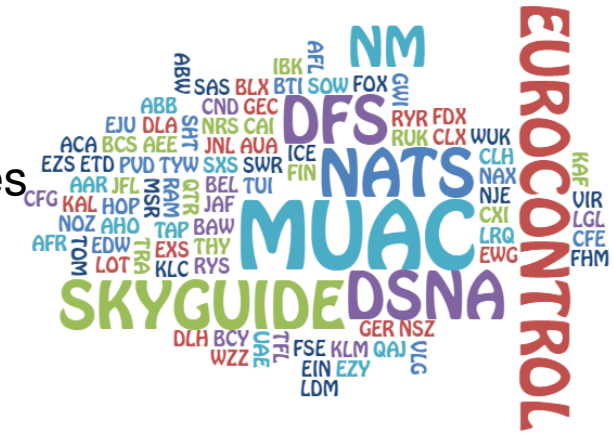
Maastricht Upper Area Control Centre

member of FABEC

ATM-Portal

- What is it?
  - **Under the umbrella of the NM**
  - Easy access to B2B connection for ANSPs
  - Added-value service to many major airspace users
  - Partnering with neighbouring ANSPs
  - Focus on ‘key’ flights, eco-profiles, FUA, cost saving, shorter/quicker routeings

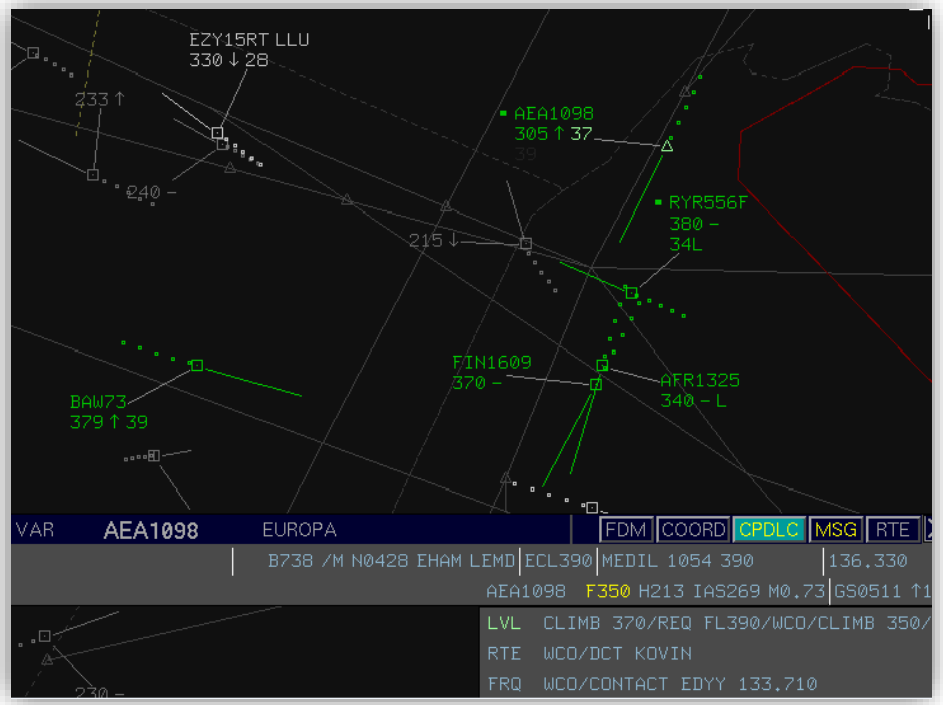
- Conditions for success
  - Integration with **iNM** for network-wide rollout
  - Engagement of airspace users to take up the possibilities



Datalink / ADS-C / Automation

- What is it?
  - Silent (non-voice) air-ground coordination
  - Up/Downlink of real-time flight information incl. full trajectories
  - Pre-requisite for future automation initiatives
  - Actual log on rate: **55%**

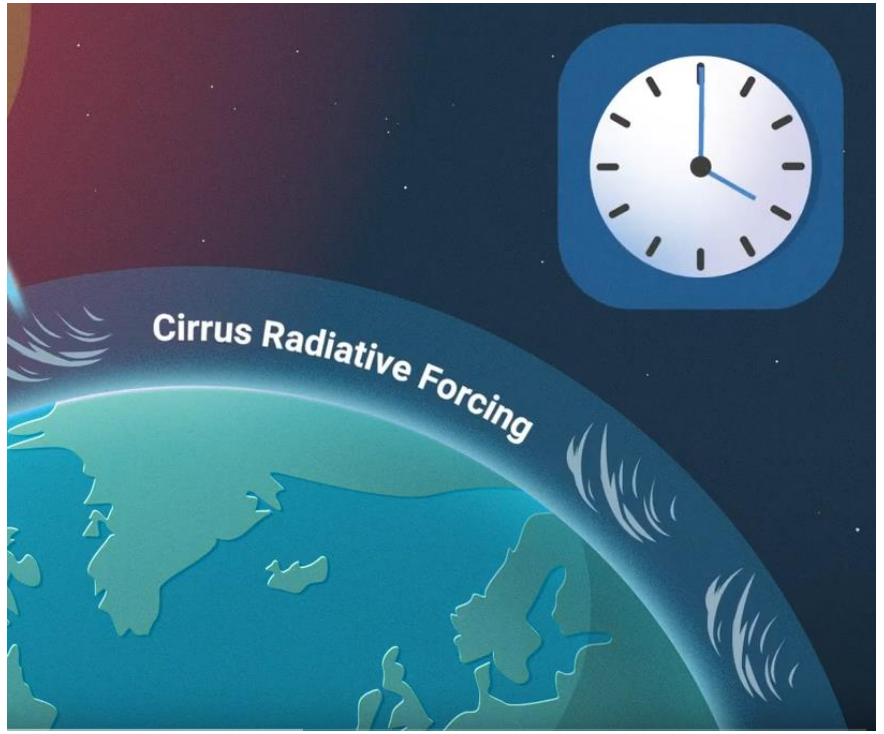
- Conditions for success
  - Stronger regulatory framework, support and oversight
  - Investment in automation concepts and tools

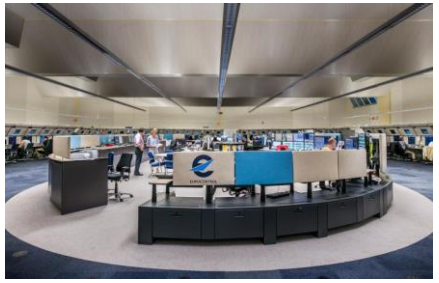


Environment – Contrail prevention study

- What is it?
  - Reducing the non-CO2 environmental impact of aviation
  - Predicting contrails with sufficient accuracy
  - Establishing workable operational procedures

- Conditions for success
  - More research!
    - Magnitude of the non-CO2 effect contribution
    - Prediction of ice super-saturation regions (ISSRs)
    - Observations with satellite and ground-based cameras



Shared ATM Systems

- What is it?
  - Common ATM system and geo-redundant Data Center
  - Shared infrastructure
  - Shared applications
  - Converging operational concepts
  - Enabling “virtual center” and “capacity on-demand” operations in a larger airspace
- Conditions for success
  - Strong partnerships
  - Regulatory / Oversight support