



SUPPORTING
EUROPEAN
AVIATION

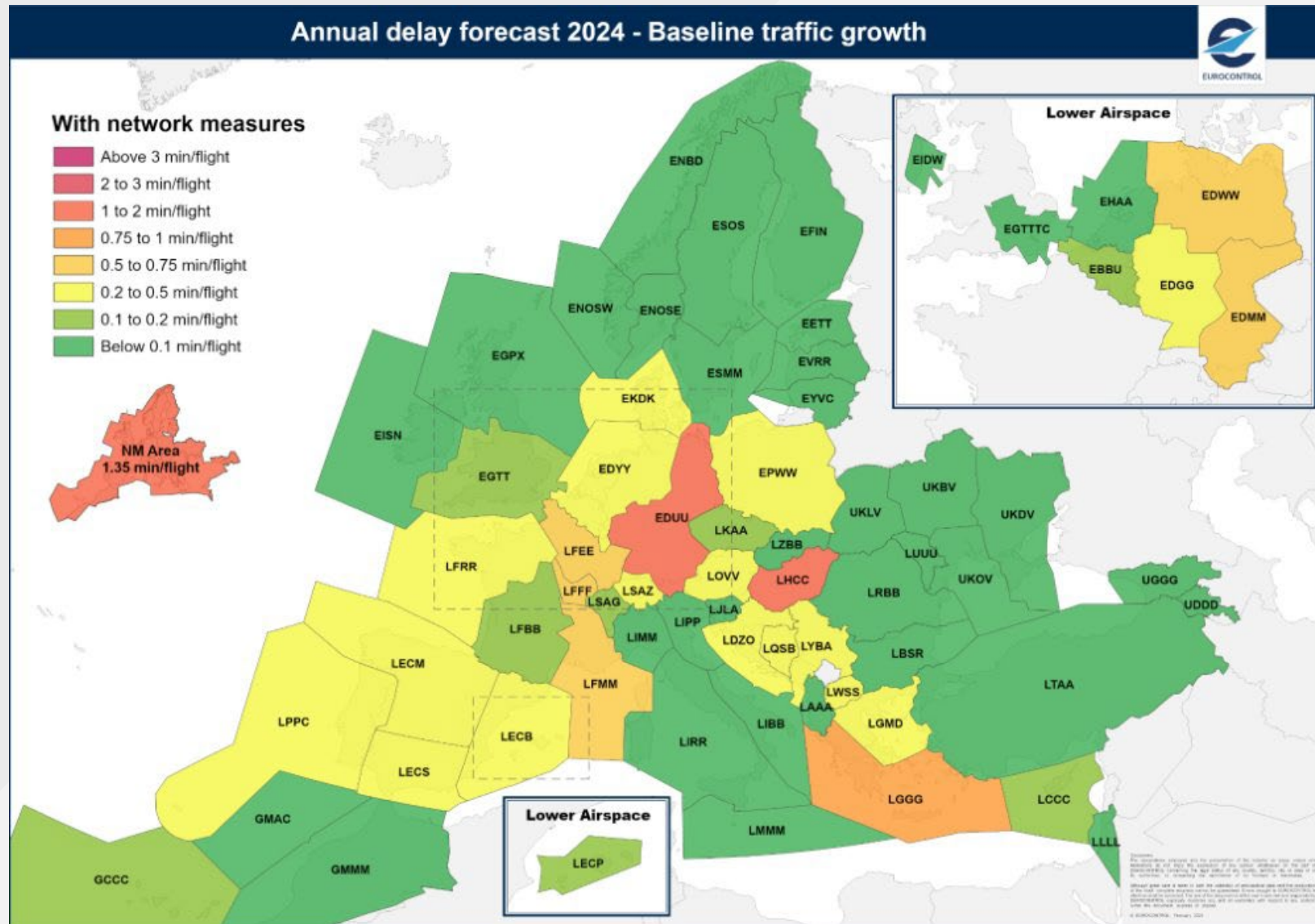
Pre-tactical planning, including Weather

EUROCONTROL Network Manager User
Forum 2025

Rene POSCHINGER
EUROCONTROL



Strategical Plan

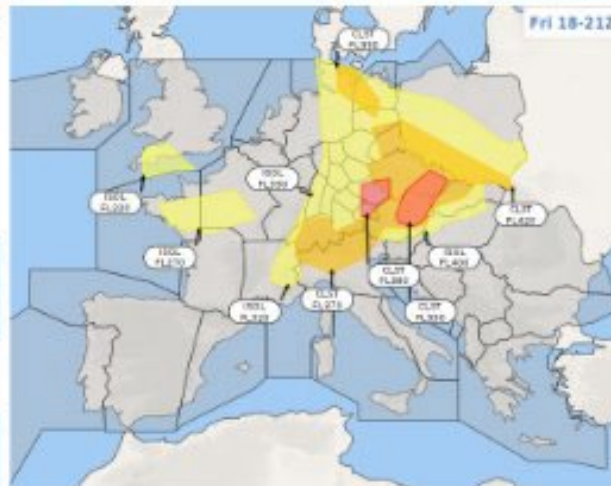
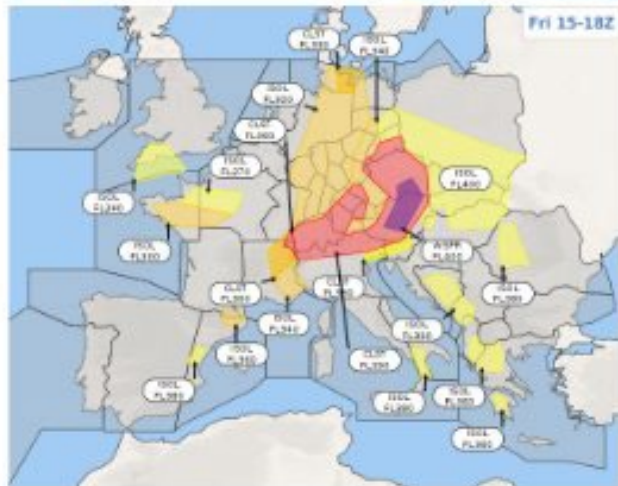
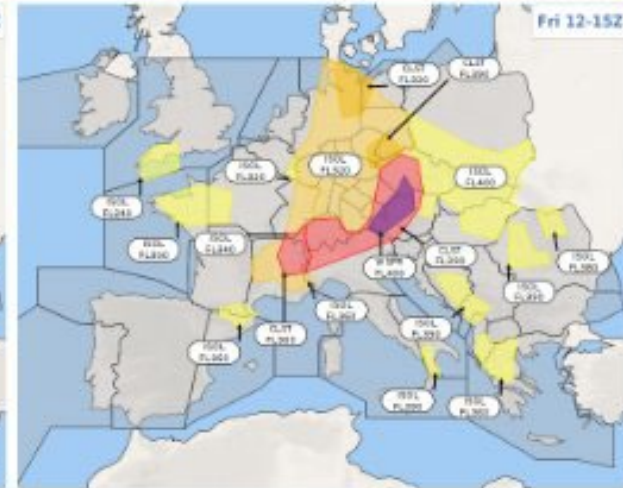
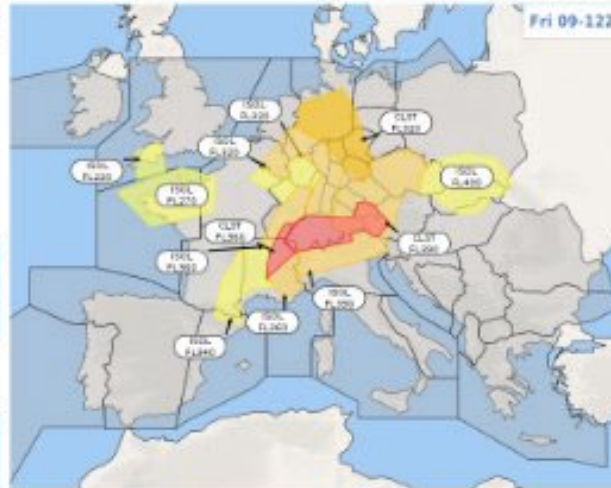


Significant Weather



D-0 Cross Border Convection Forecast
issued 11/07/2024 22:00 UTC, valid 12/07/2024

Coordinated by:
Slovenia



The frontal system over Central Europe will create favorable conditions for the formation of stronger thunderstorms tomorrow and will slowly move eastward during the day. The greatest area of interest will extend from the Alps to Southeastern Germany and the Czech Republic, where we expect CLST to WSFR convection with cloud tops up to FL400 in the afternoon with high probability. Large hail and severe wind gusts are possible in mentioned area in the afternoon. Convection will continue after 21Z and prolong into the night from the Alps to Western Poland and Eastern Germany where CLST convection is expected.

Collaboratively provided by the EUMETNET Cross Border Convection Forecast participants.

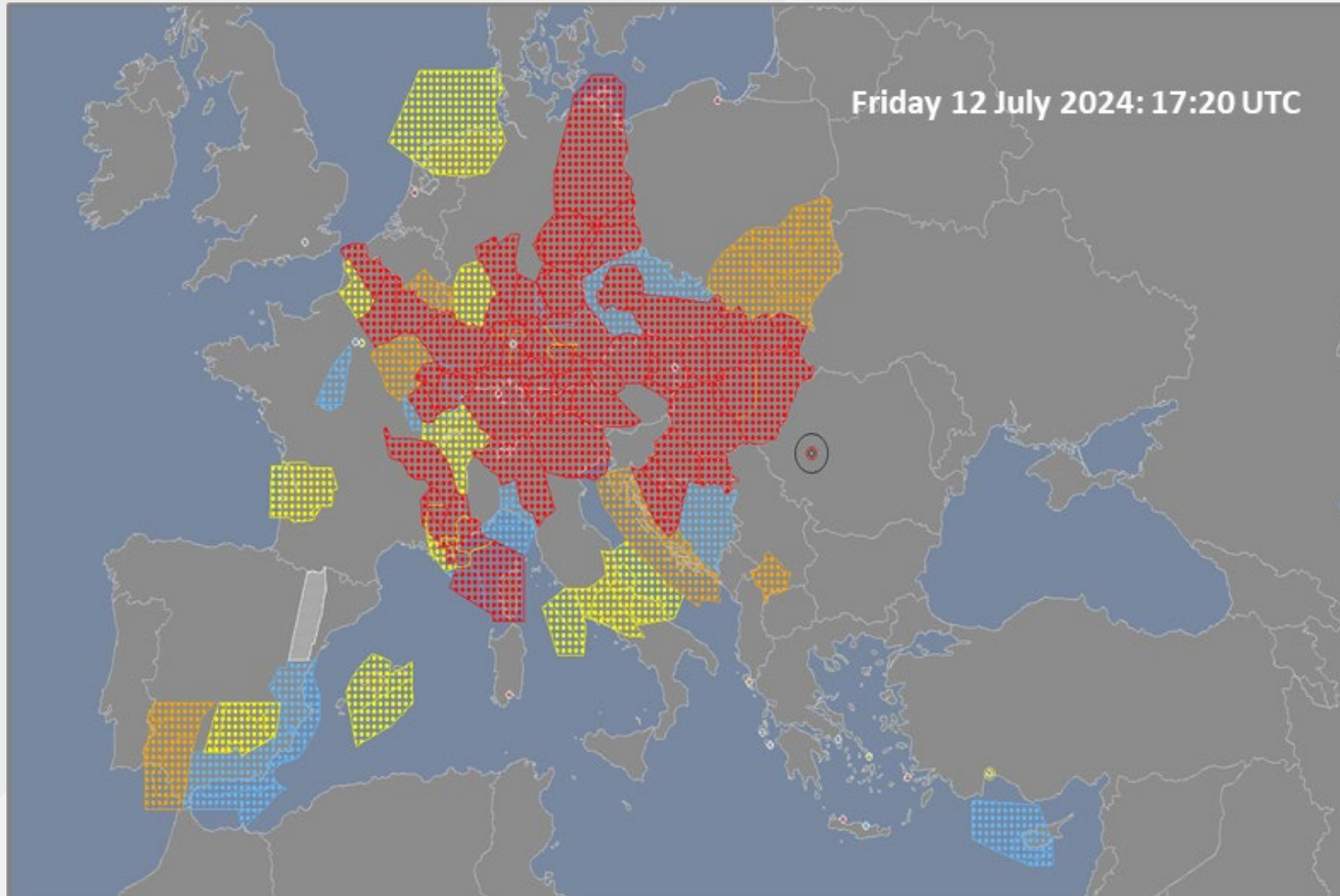
For planning purposes only
For more information contact
clcf.contact@eumetnet.eu

created at 11/07/2024 22:00 UTC

Very likely	ISOL	CLST	WSFR
likely	ISOL	CLST	WSFR
less likely		CLST	WSFR
CB clouds	isolated	Outbreak	Widespread



Tactical reality





Enhanced pre-tactical planning

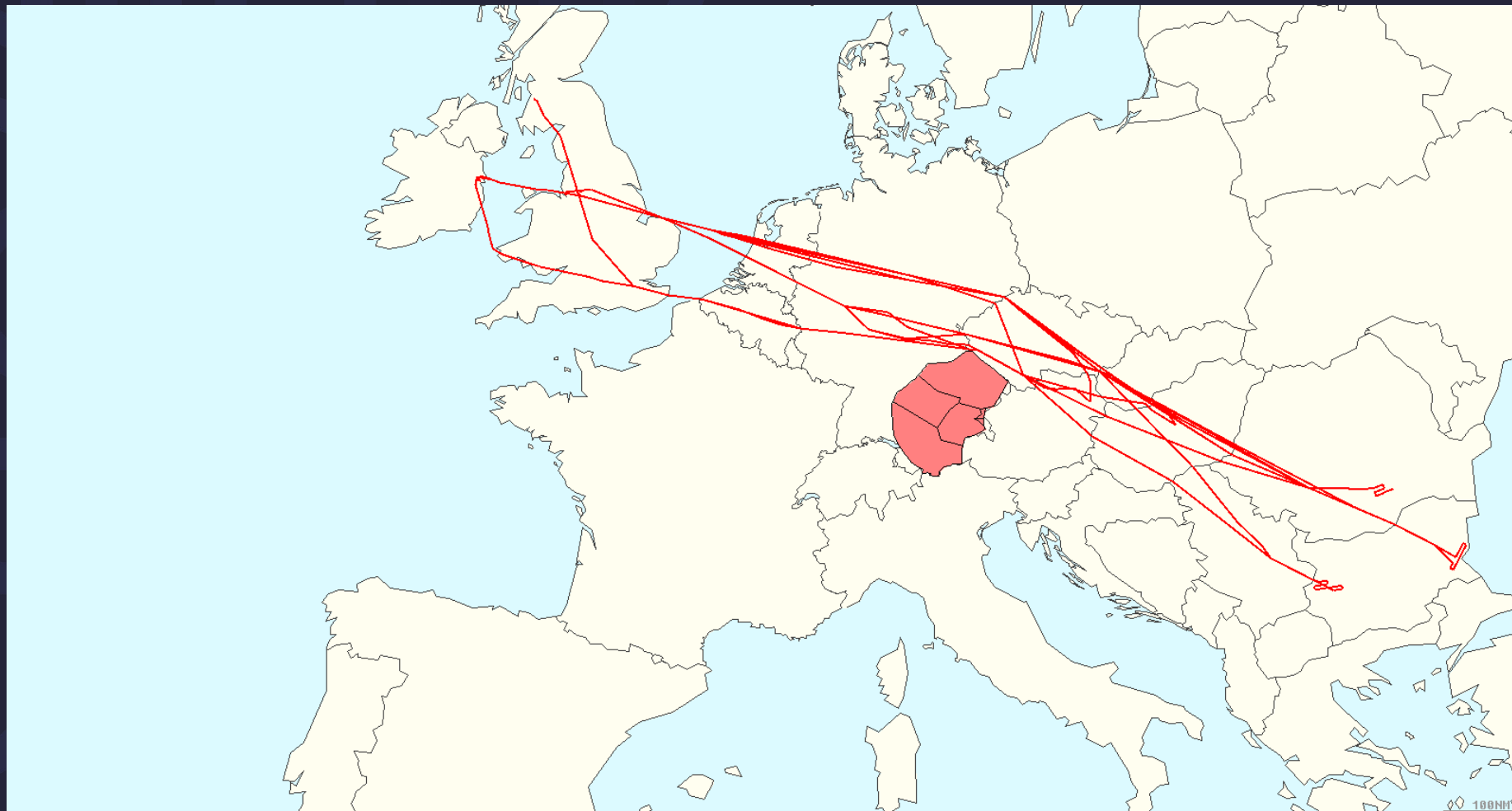
- Cross Border Weather Playbook
 - Pro-active ATFCM
 - Network centric
- Staff Rostering



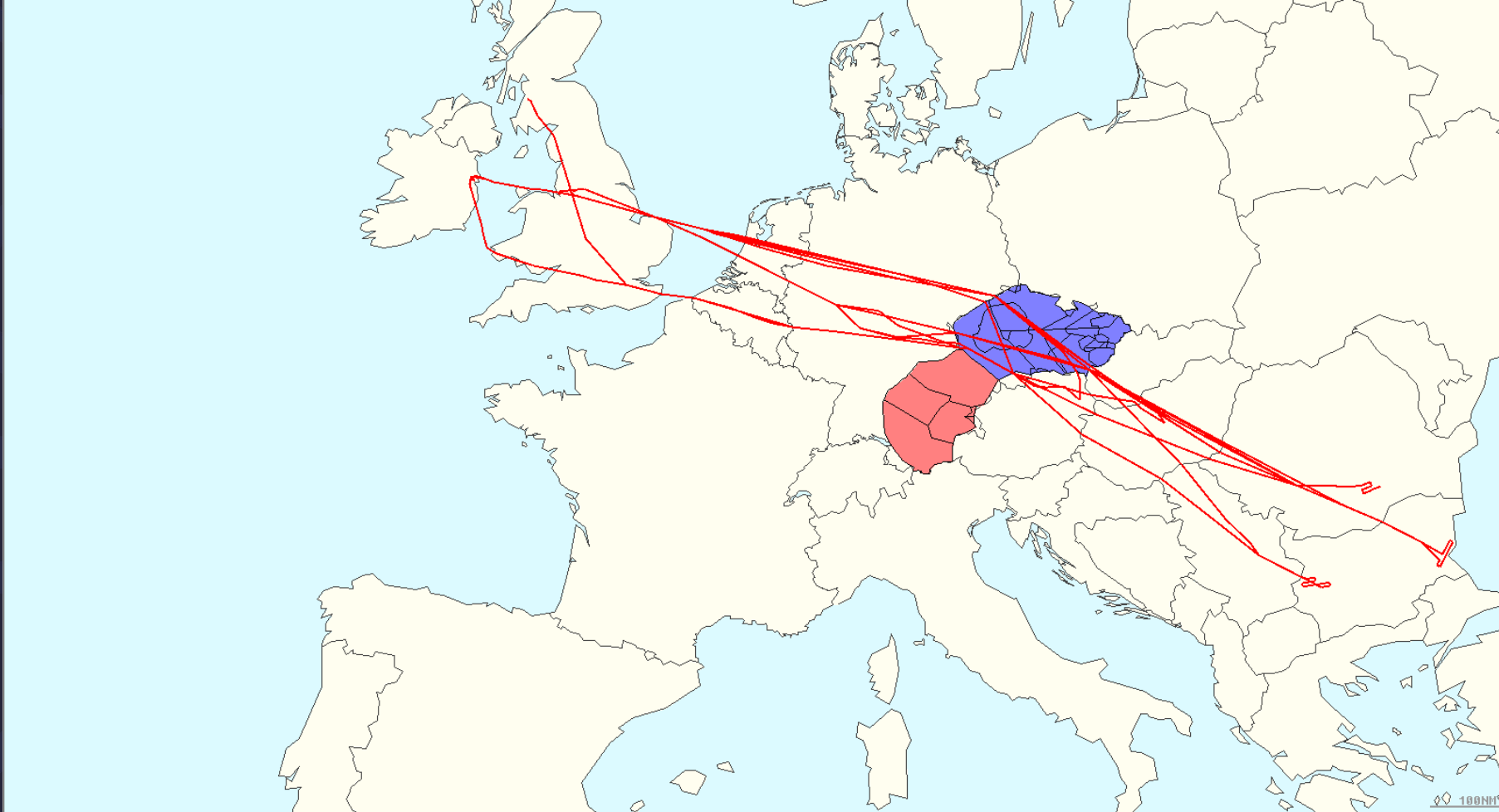
Cross Border Weather Playbook

- 2 Instruments:
 - Relaxation of Network traffic distribution measures
 - Application of Network scenarios
- Trigger based
- Operational goals:
 - Ensuring safety
 - Improving network stability and predictability
 - Considering flight efficiency
 - Reducing delay

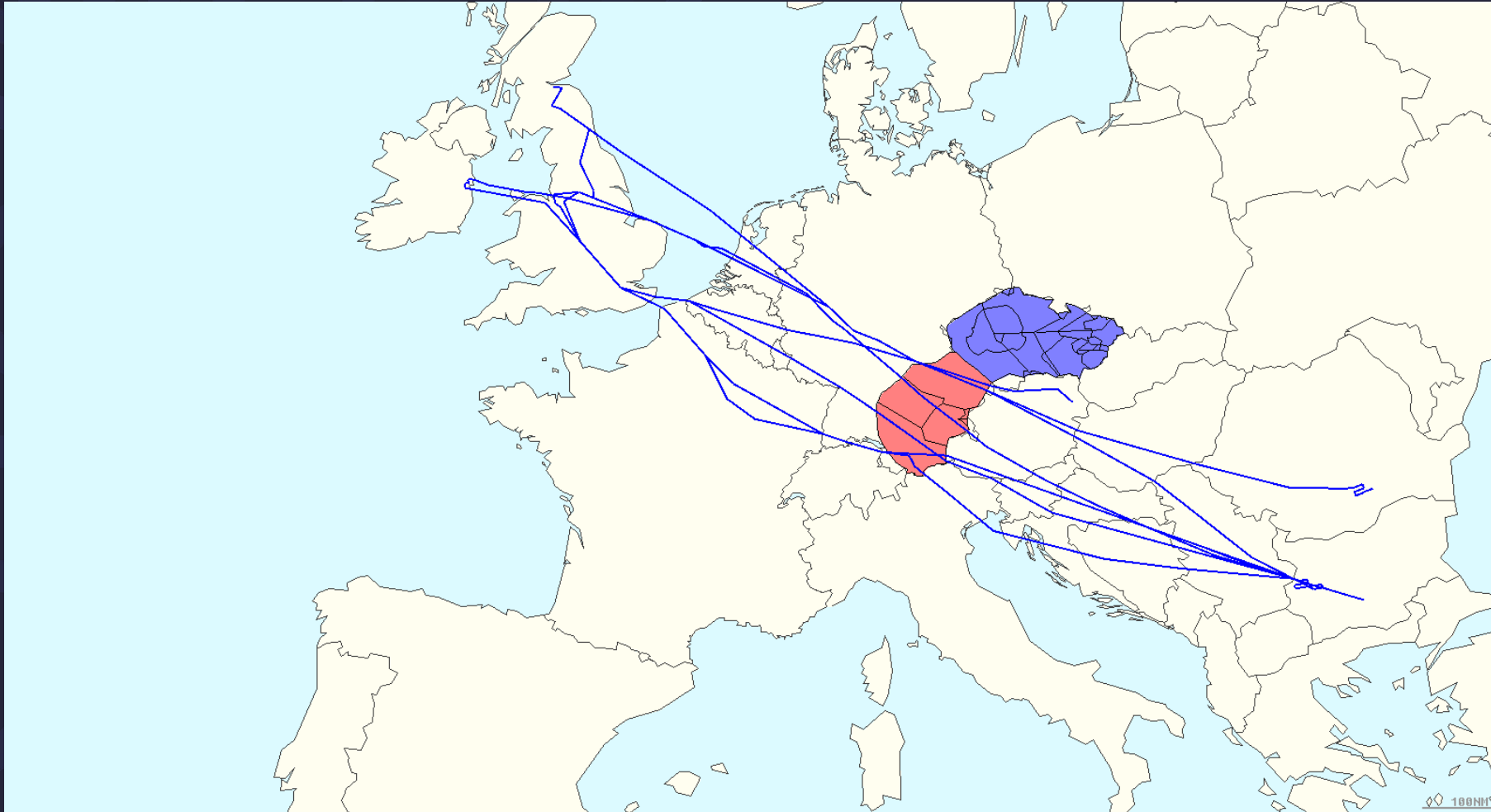
Relaxation of Network traffic distribution measures



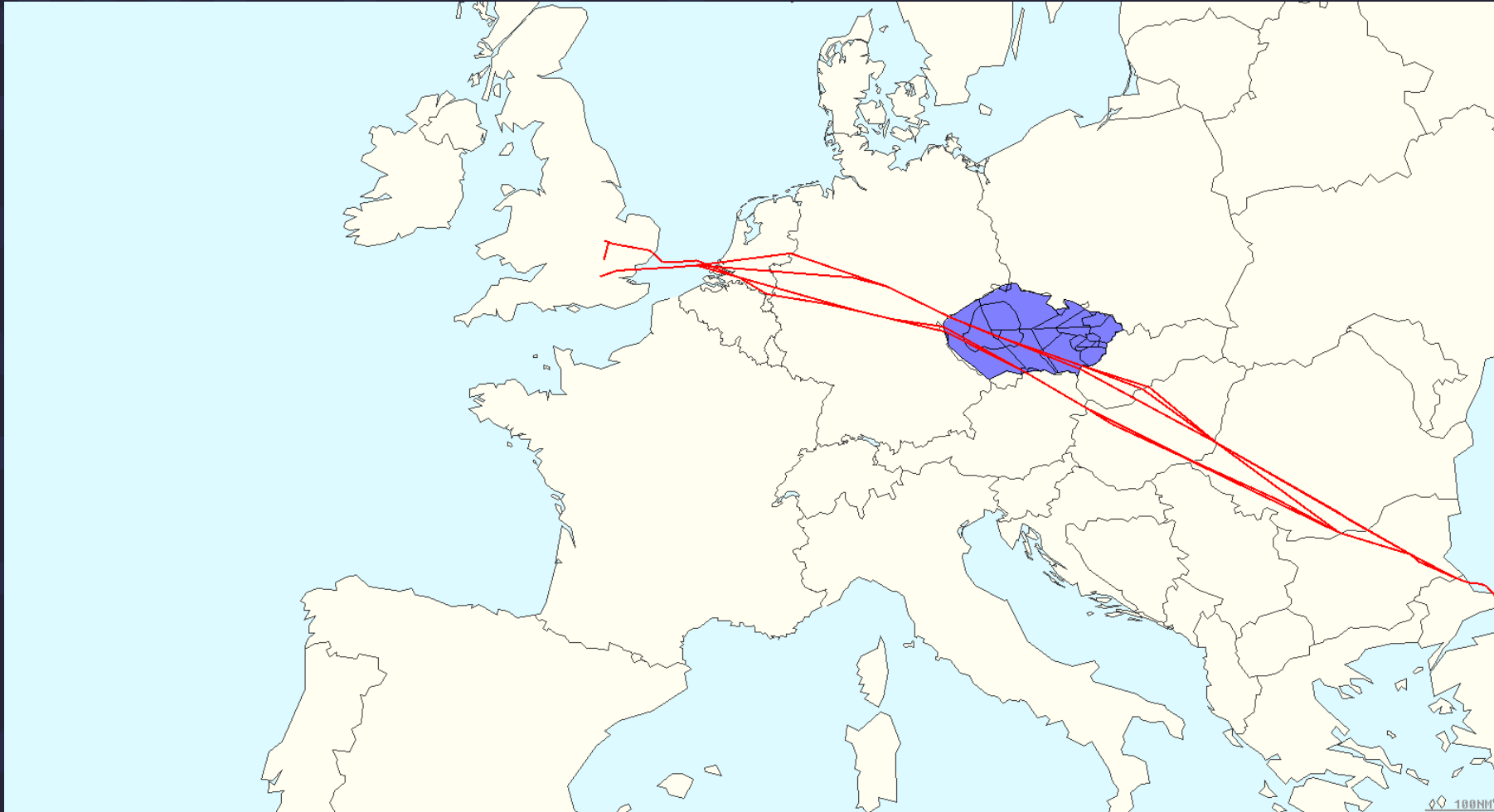
Relaxation of Network traffic distribution measures



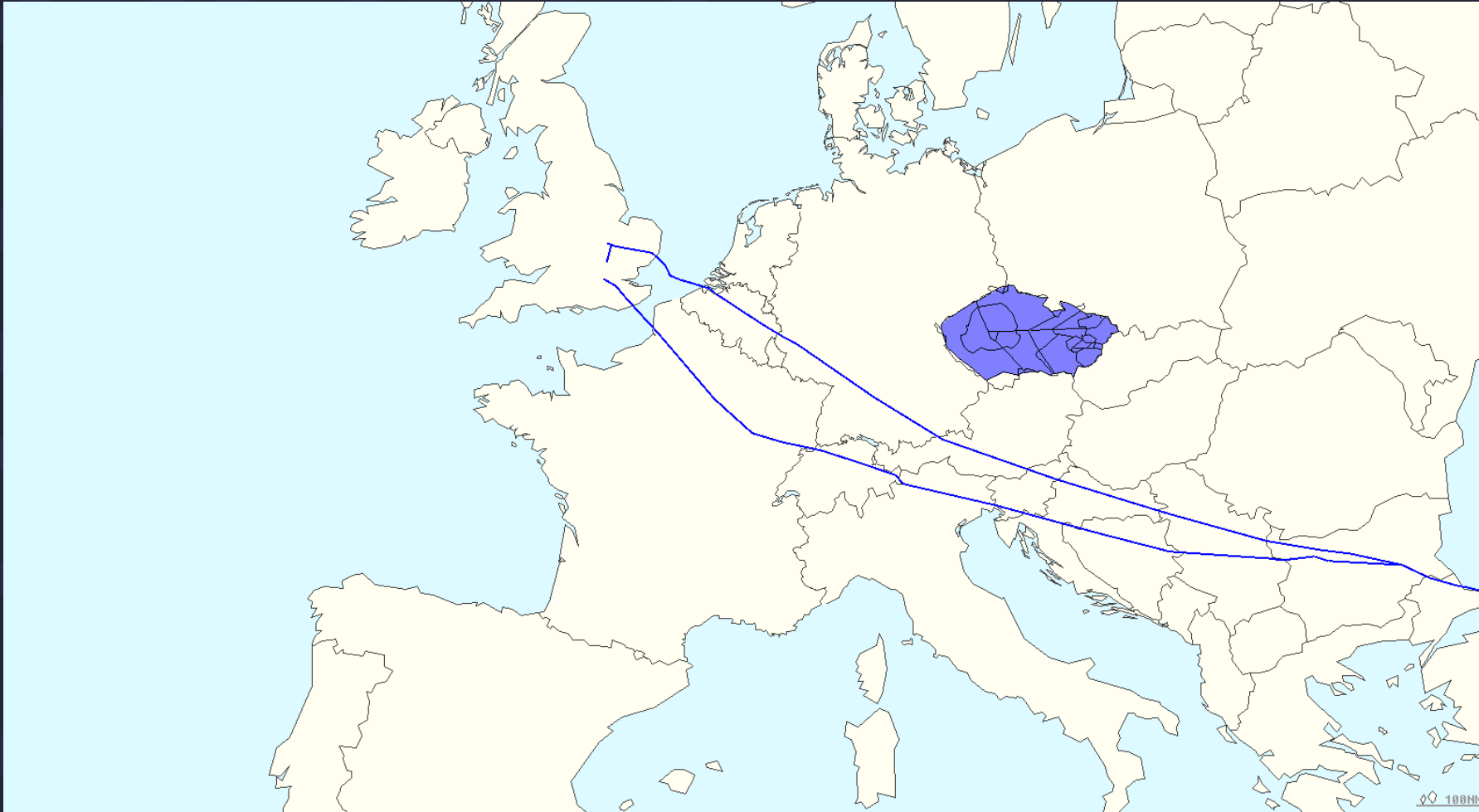
Relaxation of Network traffic distribution measures



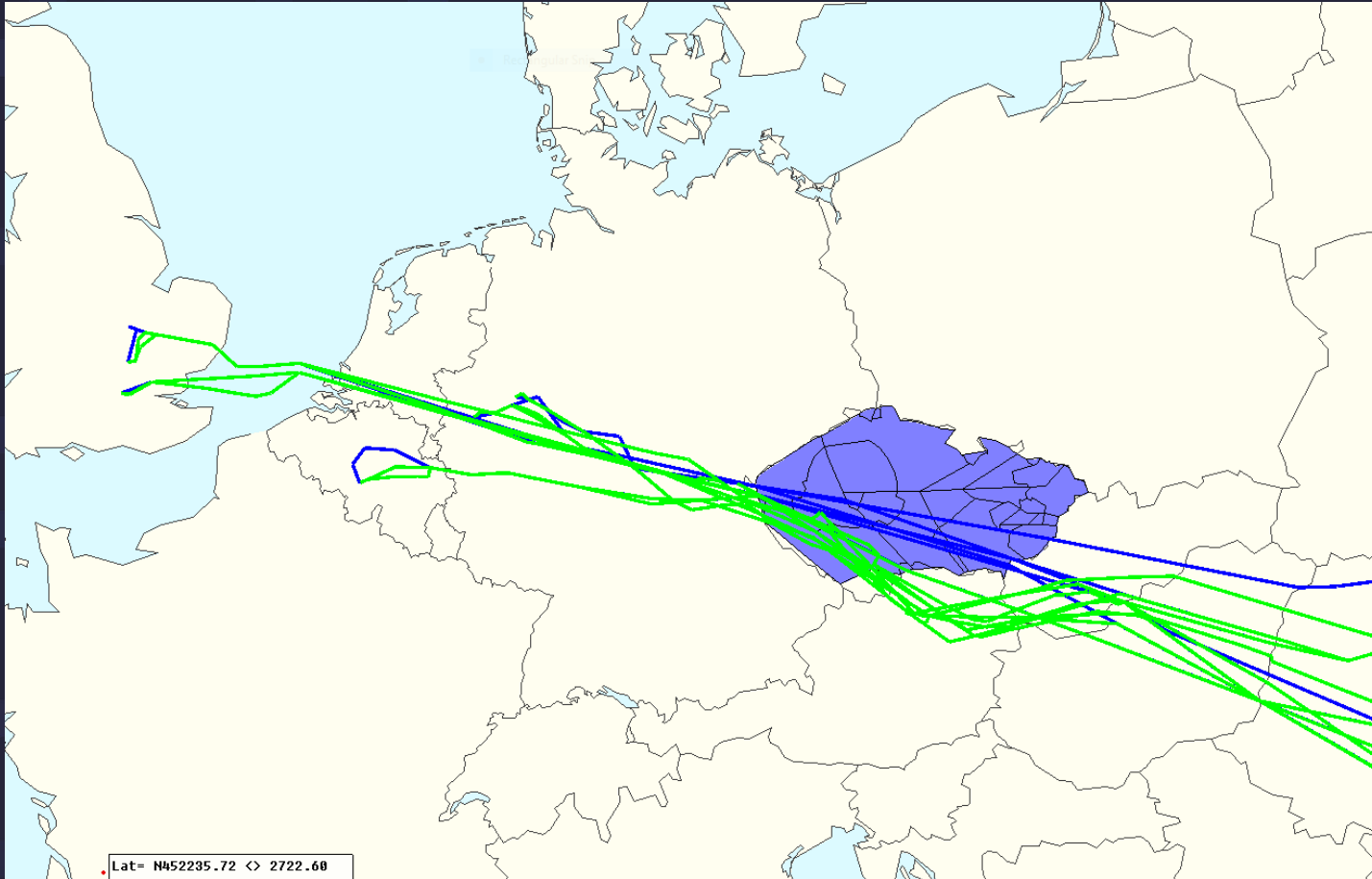
Application of Network scenarios



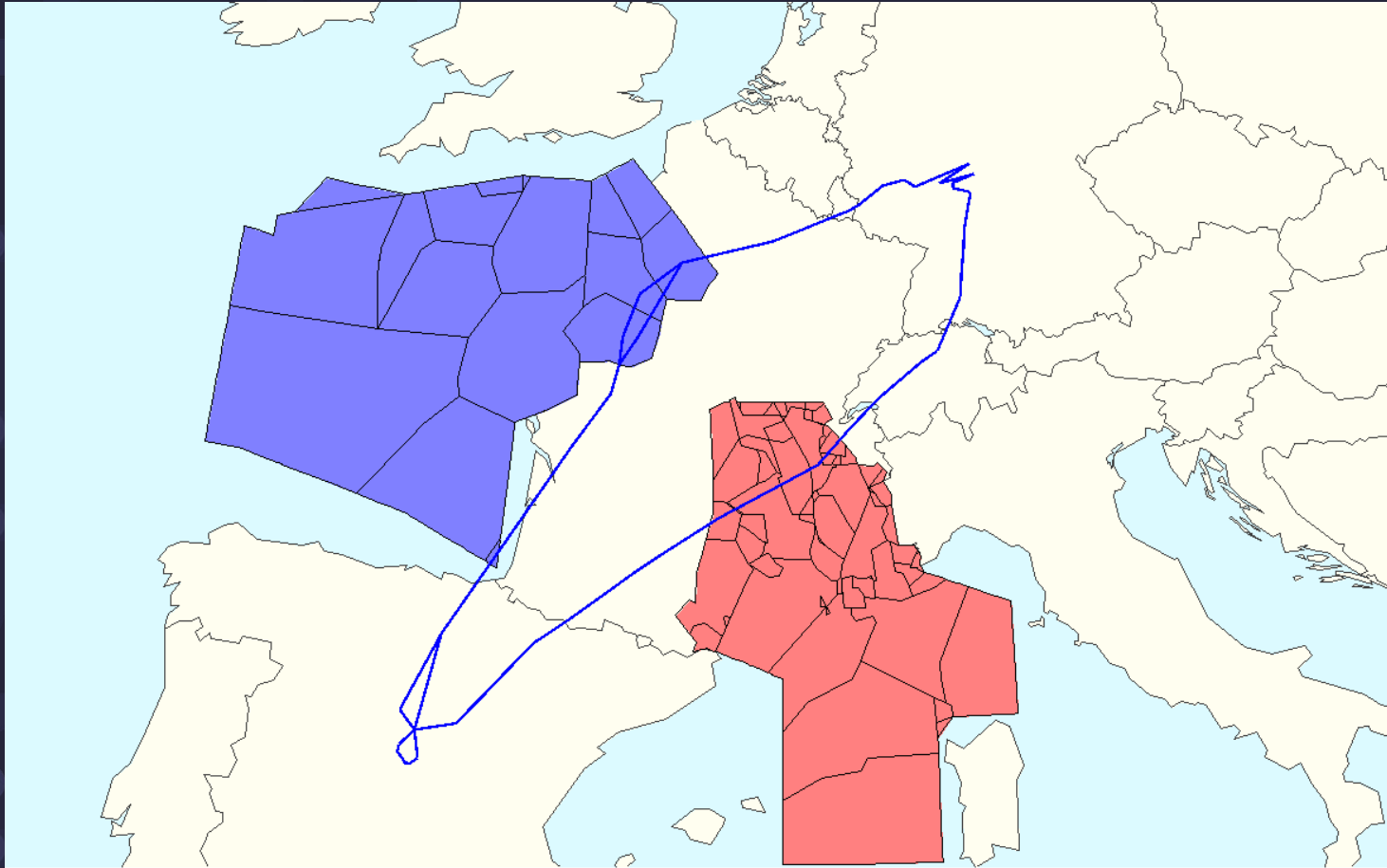
Application of Network scenarios



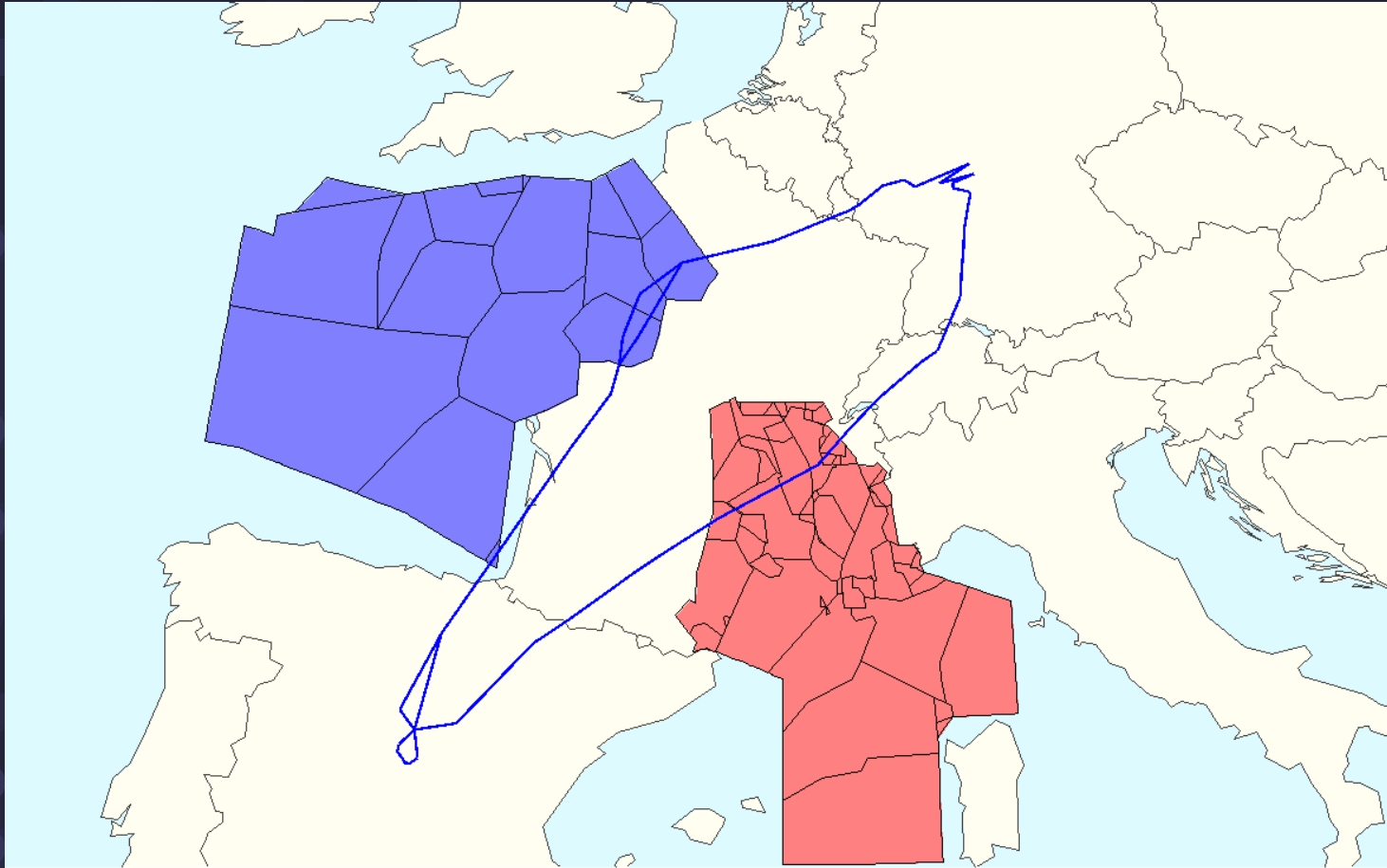
Safety



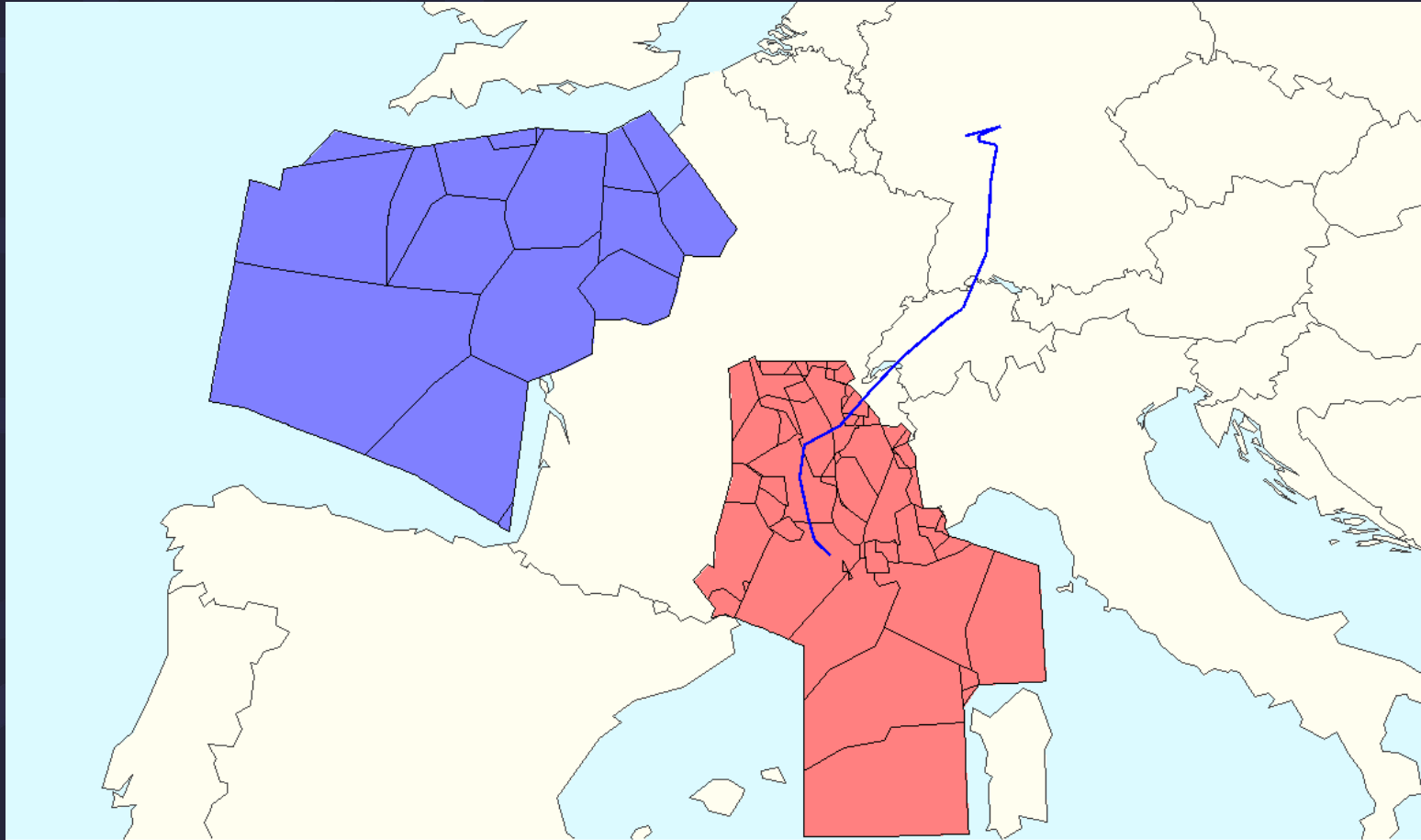
Network stability and predictability



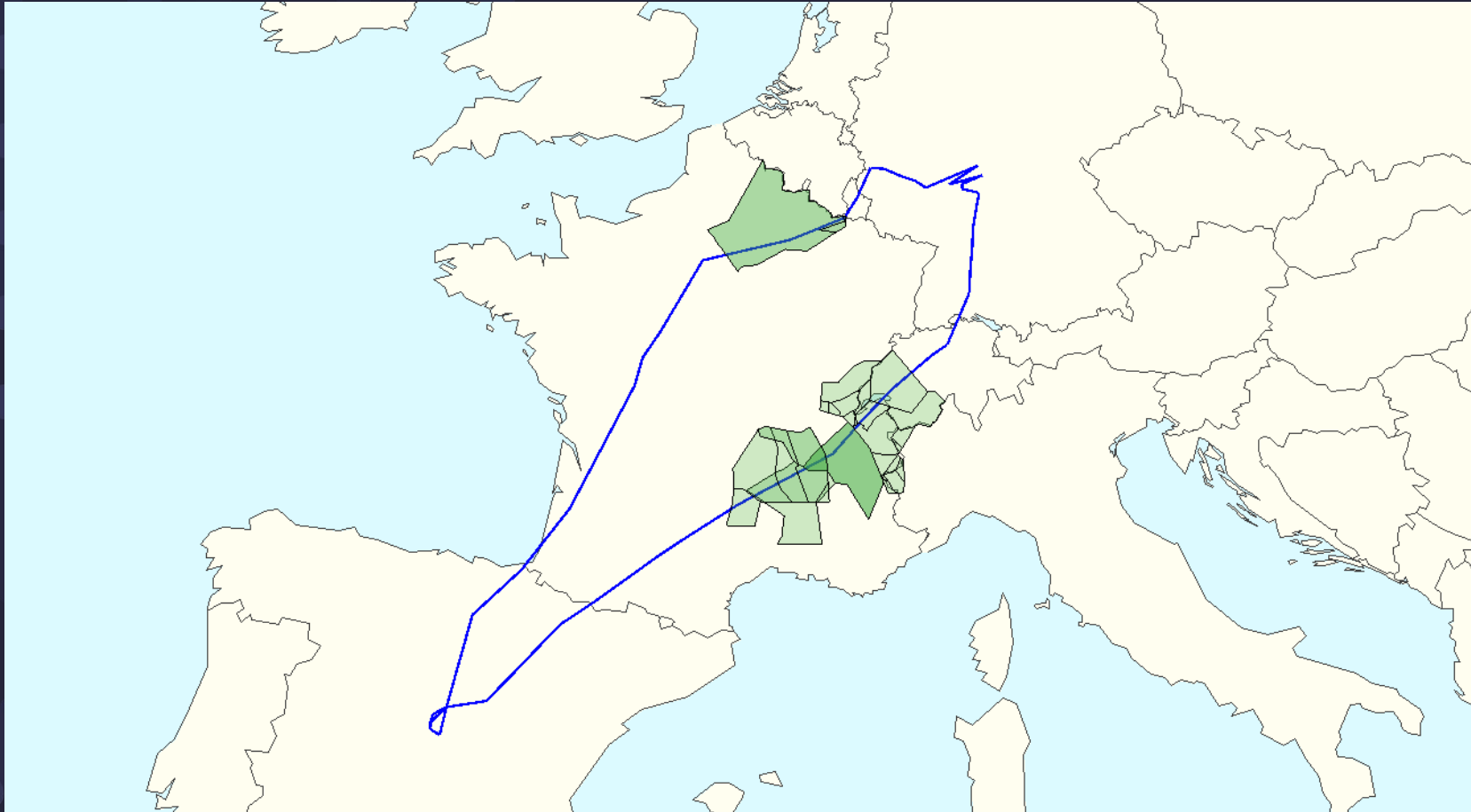
Flight efficiency



Flight efficiency



Delay reduction





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Thank you!

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NETWORK
MANAGER

