



WakeNet - Europe

EUROCONTROL - Brétigny

13-14 May 2014

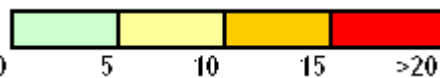
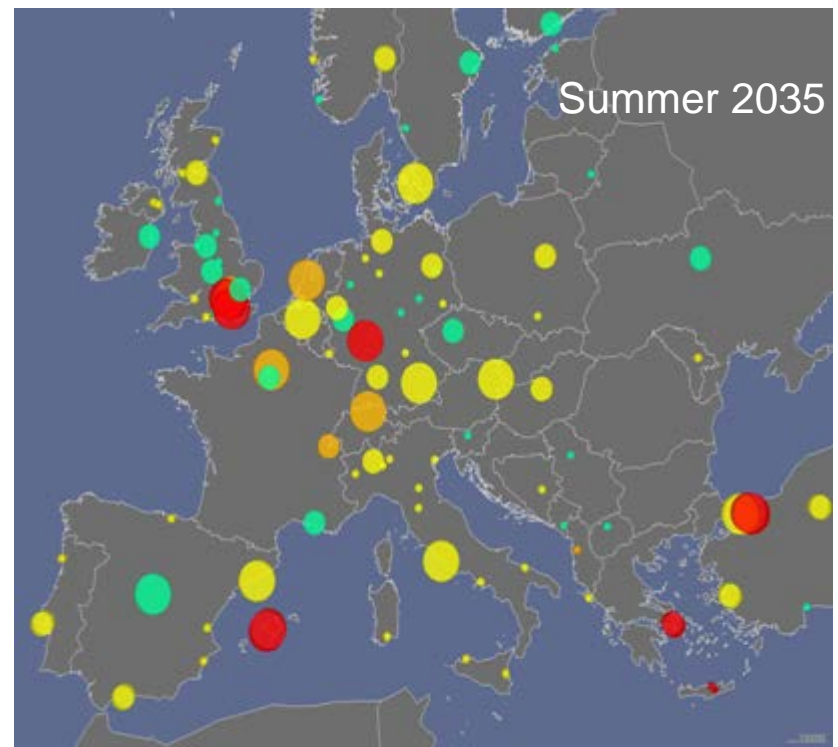
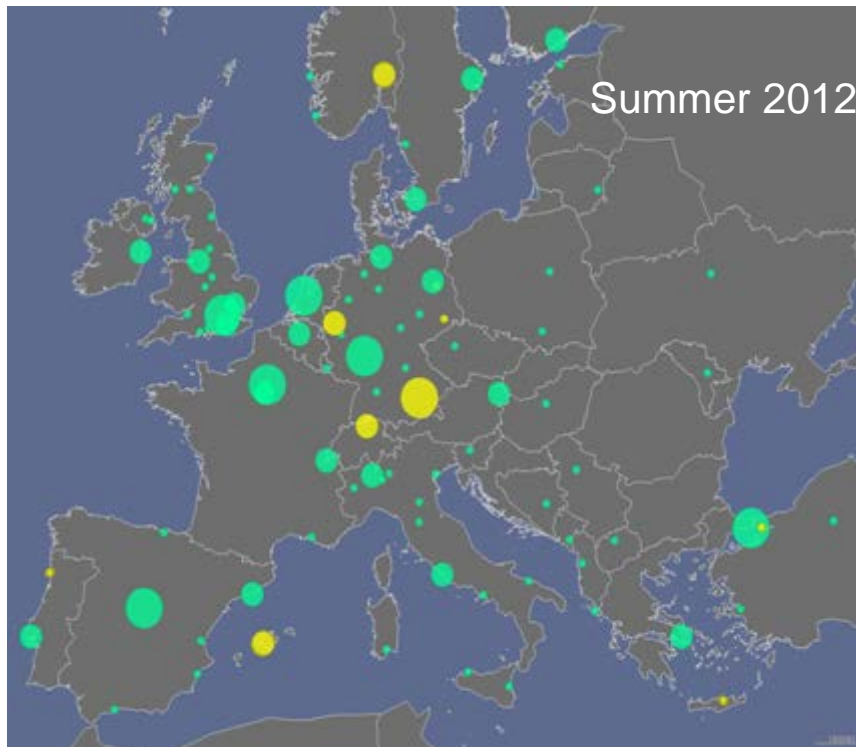
Frank Brenner
Director General EUROCONTROL

Challenges of Growth 2013



A congested network (2035)

Airport ATFCM related delay jumps from around 1 minute per flight to 5.6 minutes



Wake vortices – crucial to improving runway throughput

An understanding of the wake vortex phenomenon – in other words, the theory:



- **A solid and extensive collection of data**
- **Practical trials and experience**
- **Regulatory skills**
- **Implementation expertise**

EUROCONTROL WV activities



- **ATC-Wake Project**
From 2002 to 2006
EC Funded research project 6th Framework Program
- **CREDOS**
From 2007 to 2009
EC Funded research project 6th Framework Program
→ EDDF-1 and EDDF-2 WV databases
- **WIDAO**
From 2007 to 2010
EUROCONTROL – DSN A Implementation project
→ LFPG-1 WV databases
→ *Principles and guidance for WVE risk assessment*
- **TBS for arrival**
From 2007
EUROCONTROL – NATS project
→ EGGL-1 WV databases



Joint solutions required





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