

Airport CDM – Network Concept

ICAO SAM 3rd Workshop

David Phythian Lima, Peru 25 September 2017

Network Concept





Consist of 2 or more Airports, Units, Sectors – not necessarily adjacent. All have a Network

European Network



42 Member States

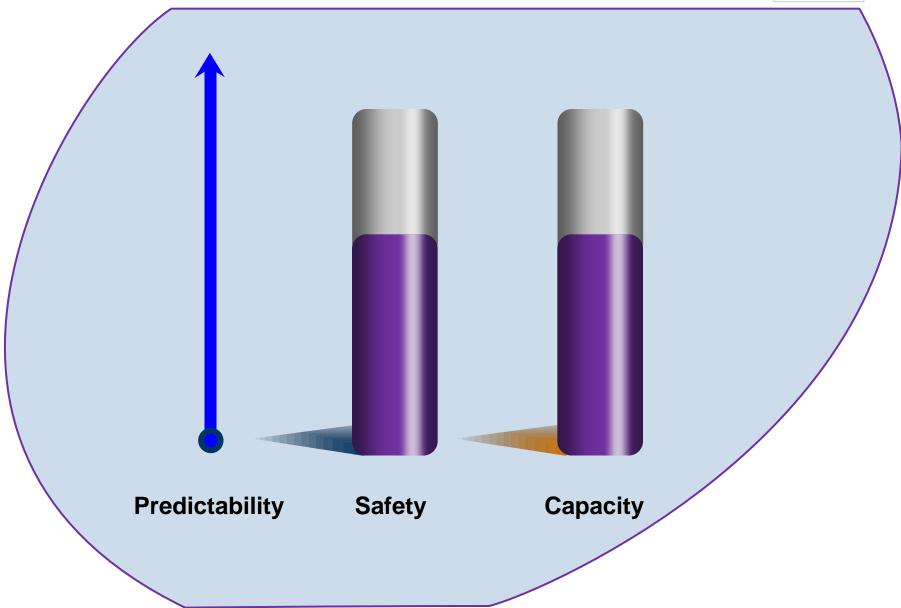
- 1988 ECAC decision
- 1996 CFMU
- 2011 Network Manager





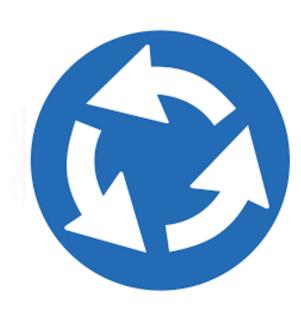








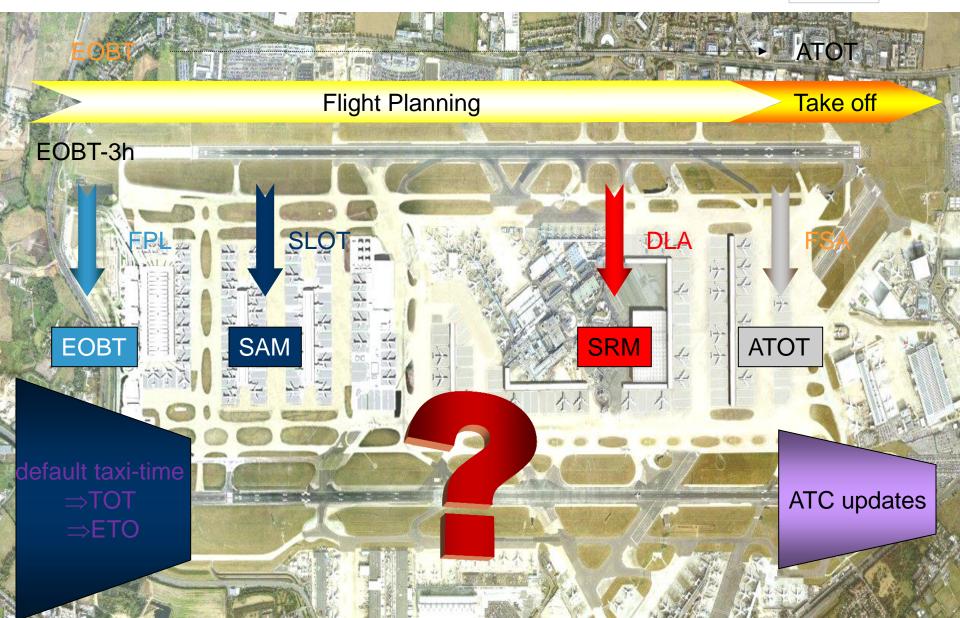




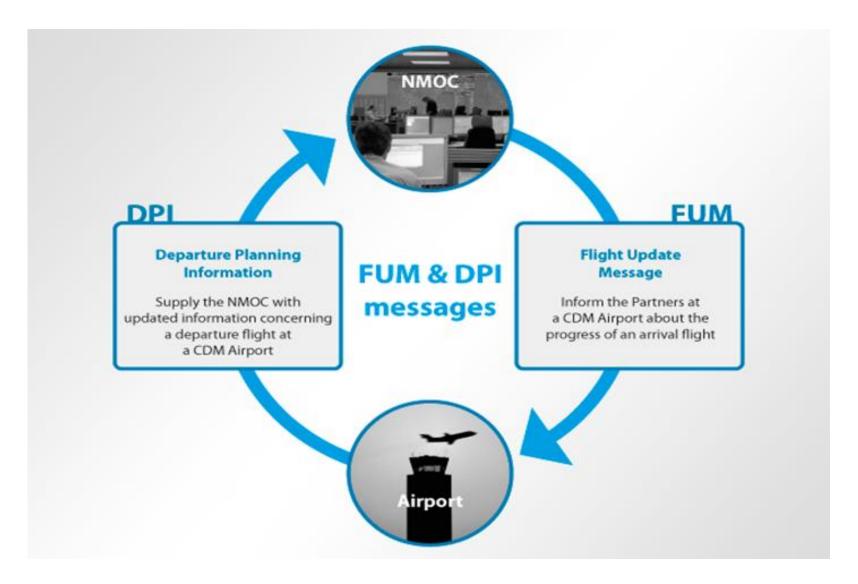


Non - CDM airport - Departure Planning



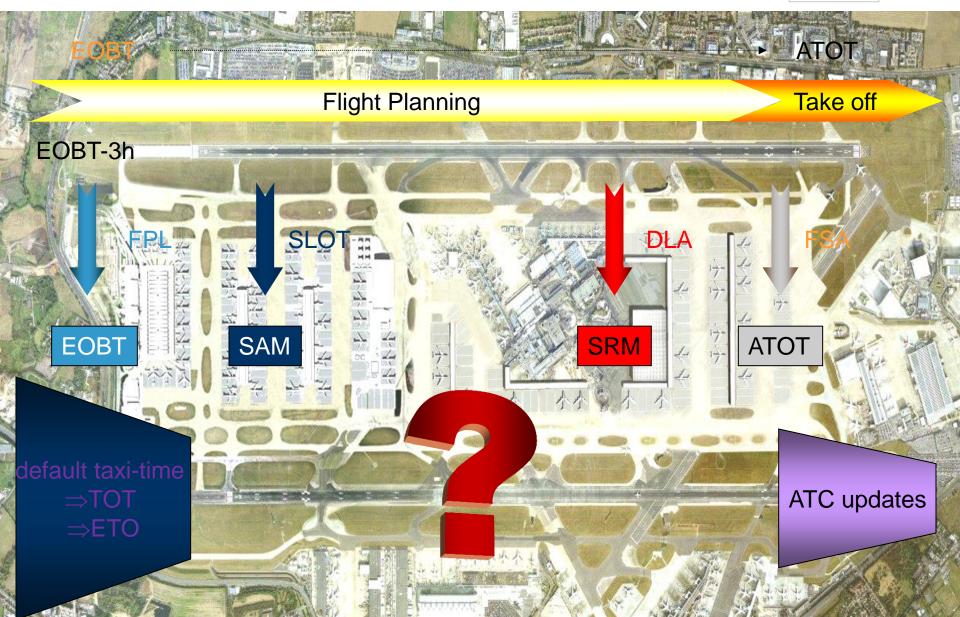






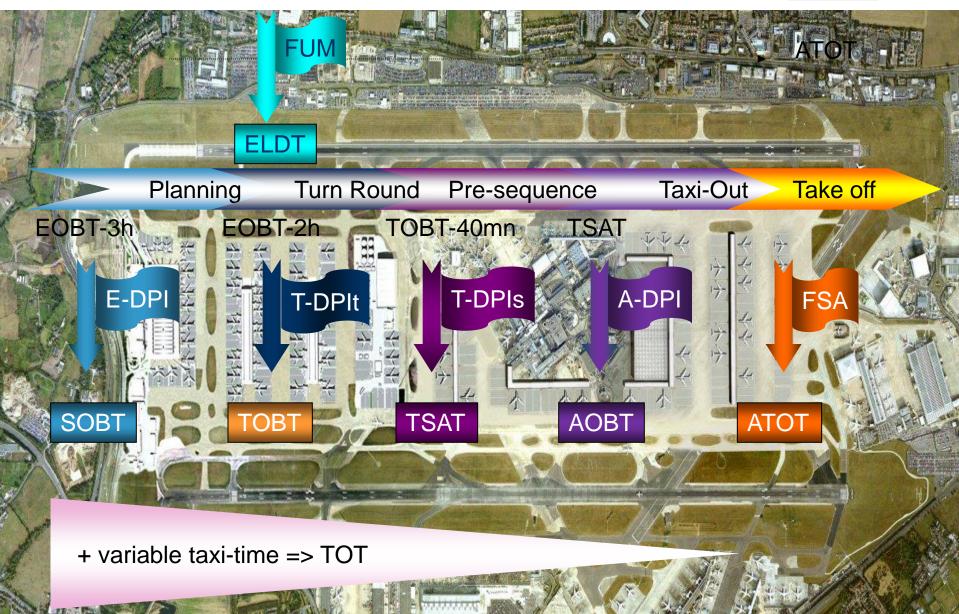
Non - CDM airport - Departure Planning





CDM Airport – Departure Planning





Benefits - Partners





Network Operations



Airport Operations





Air Traffic Control

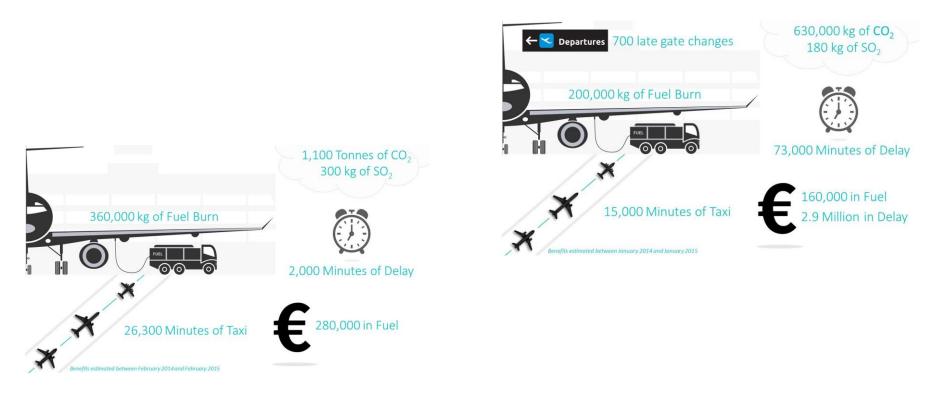
Aircraft Operators



Ground Handling

Benefits - Partners





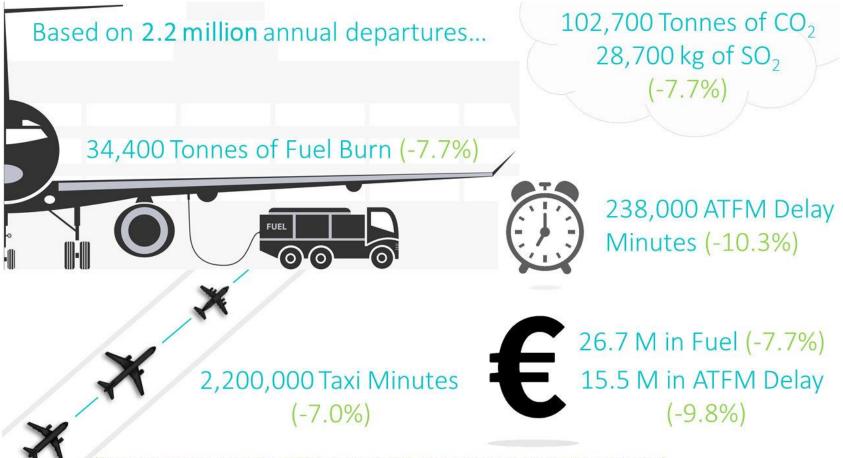


34,800 Minutes of ATFM Delay3.6 Million in ATFM Delay Costs



Benefits - Network





(Total relative savings across the 17 CDM airports in 2015 when compared to pre A-CDM performance)

Benefits - Network



Improved en-route planning = results in unnecessary restrictions applied

Improved sector planning = results in less overloads and traffic bunching

Improved sector planning = results less sector buffering

Accurate TOT information = results in fewer wasted or "lost" ATFM slots

Accurate TOT information = results in improved slot adherence



Thank you

