



Co-financed by the European Union  
Trans-European Transport Network (TEN-T)

# AIRPORT CDM @ FCO



Aeroporti  
di Roma



ENAV

Alitalia



Leaflet n° 1

## ***Introduction***

European airports are becoming the restricting bottleneck to the overall ATM system for the current volume of traffic and the further expected growth of demand in the aviation sector. Hence the need to develop an accurate coordination system through the exchange of detailed information in real time between all the stakeholders in order to improve performance and optimize resources.

## ***What is Airport CDM?***

Airport Collaborative Decision Making (A-CDM) is an operational procedure to improve air traffic management through a better information sharing between all the stakeholders.

This new procedure increases efficiency and punctuality by improving air traffic flow and airport capacity management, reducing delays by improving events predictability and optimizing resources utilization.

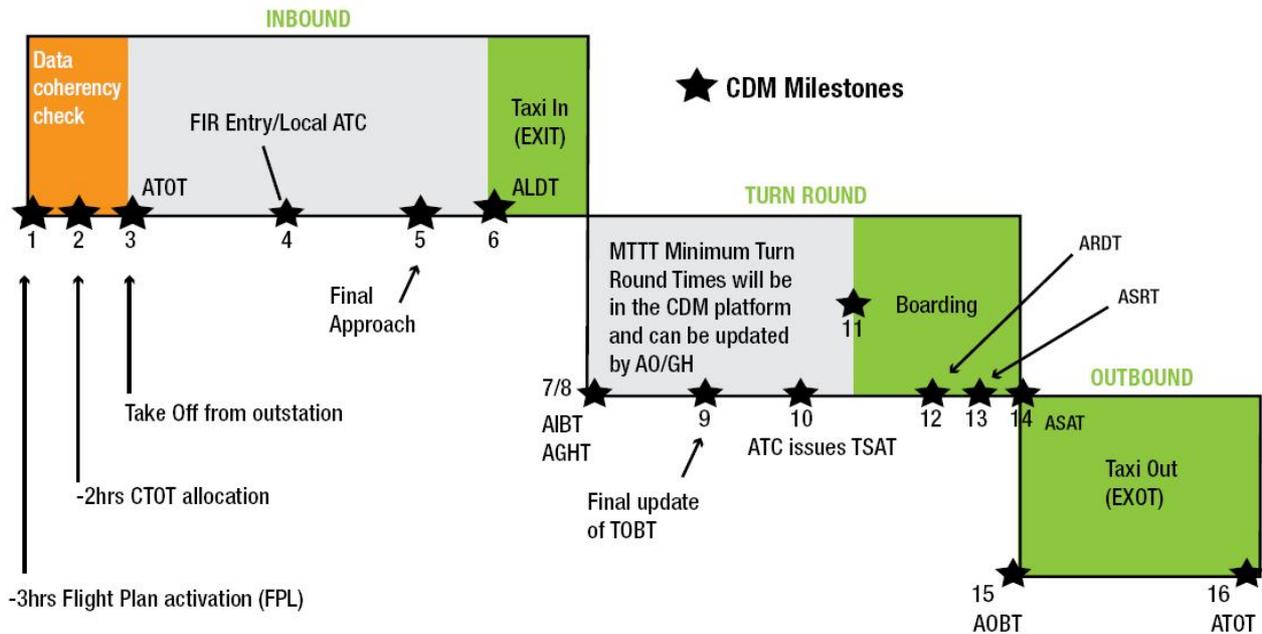
In other words, it represents a change in the operational methodology in the turnaround management, from “first come – first served” to “first ready – first served”.

One of the main objectives of A-CDM is to estimate the “Target Take Off Time” (TTOT) as thoroughly as possible in order to improve the “en route” and “sector” planning by the European ATM; this can be reached by implementing a series of “DPI” (Departure Planning Information) and “FUM” (Flight Update Messages) sent to CFMU.

Therefore Airport CDM can be considered as a basis for connecting the airport to ATM system.

A-CDM is therefore a procedure that expects a better collaboration between all the stakeholders using more updated, better quality and unique meaning data; all the procedures and communication policies will be standardized in order to reduce any possible error source.

A-CDM procedure begins with the ATC flight plan transmission 3 hours before the EOBT (Estimated Off Block Time) and continues through 16 milestones that describe the status of the flight in all its phases up to the take off (ATOT – Actual Take Off Time).



## A-CDM Expected benefits

All A-CDM partners will benefit from the project:

- **Aircraft Operators:** better adherence to schedule; taxi times reduction (fuel consumption reduction).
- **Ground Handlers:** better planning and resources utilization;
- **Airport Operators:** reduced environmental impact; increased punctuality; better planning and management of gates and stands; maximum capacity utilization.
- **ATC:** better pre-departure sequence; increased punctuality and maximum capacity Utilization; increased traffic predictability.
- **CFMU:** better adherence to slots, optimised use of airspace capacity

## Project team

The following partners are involved in the project:

- Aeroporti di Roma
- ENAV
- ALITALIA
- EUROCONTROL

## Information and Contacts

Paolo Giannobile (ADR SpA)  
 A-CDM Project manager  
 Email: [cdm@adr.it](mailto:cdm@adr.it)  
 Tel: (+39)06-65956364