

CDM@DSNA

SEMINAR
AND OPERATIONAL
WORKSHOPS

SHARE VIEWS,
GET RESULTS

Outline a CDM for regional airports

Presentation



CDM : a general concept « decide together »



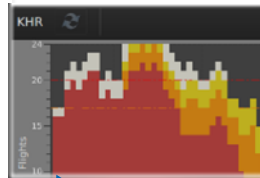
- To share situational awareness and a common language
- To build a level of confidence in order to take coordinated decisions:
 - rapidly, equitably, transparently
 - based on the best information available

CDM to improve airport performance

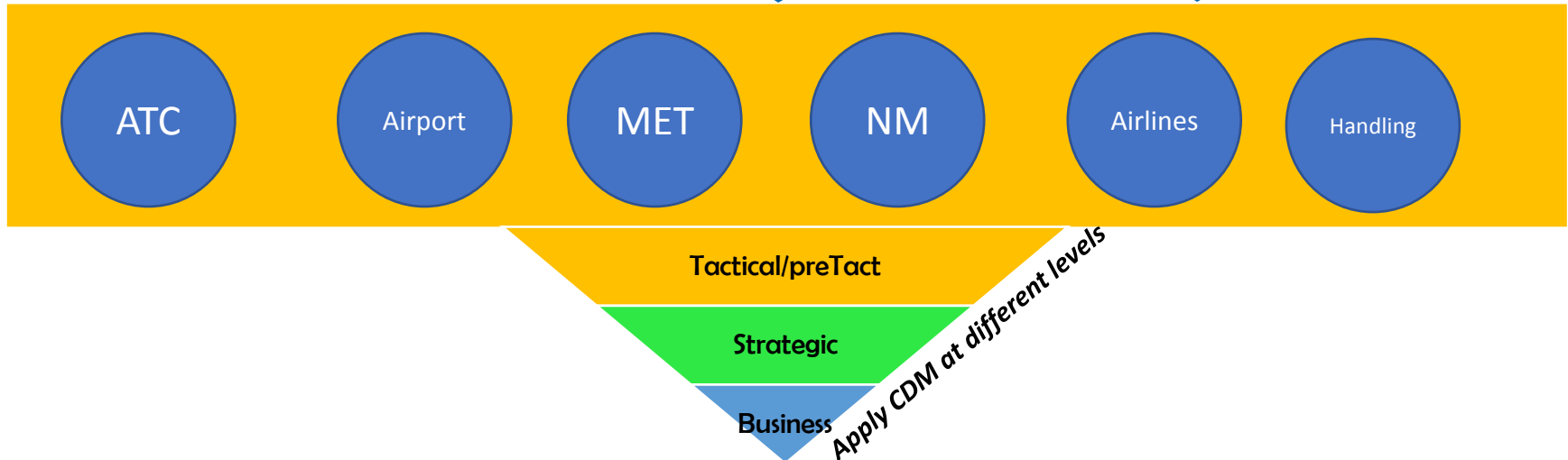
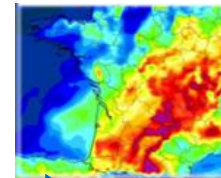
Nominal Situation



Peak Traffic



Adverse Conditions



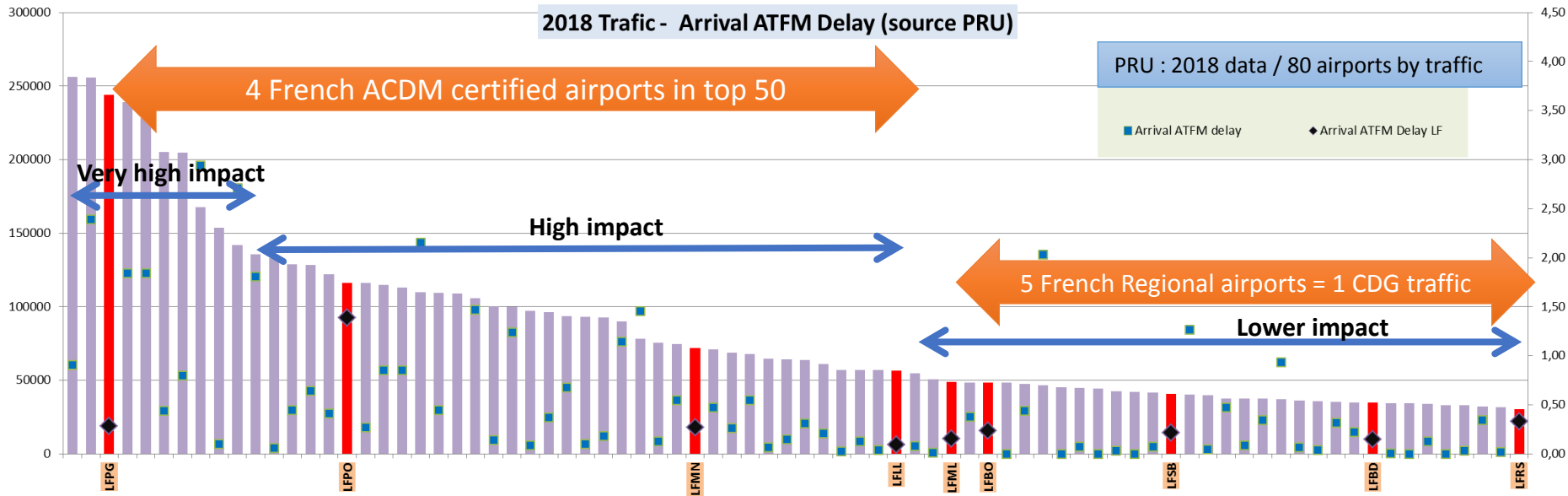
to improve airport performance in arrival and departure management

- Flight efficiency/Environment
- Network Predictability

- Minimisation of delay & Economical impact

- Improvement of resilience
- Recovery phase expedited

Airport and performance in the Network



Regulatory framework is incitative for more CDM and airport/network integration

- PCP IR AF2.1/AF4.2/4.3
- ESSIP objectives AOP05/AOP11/AOP17

Full A-CDM is a heavy and complex investment :

- has been designed for NM accreditation of top 20 major european airports
- Advanced features available and size of the system adapted to traffic

AAT (Advanced ATC Tower) is a cheaper option :

- « ATC DPI » milestone to NM system by ATC system
- a B2B@NM access available for the airport system
- Not much CDM embedded

=> A scalable CDM solution for airports





Airport and CDM at DSNA



Airport CDM

Advanced ATC Tower

DSNA is in a key position in France to help harmonisation with Airports

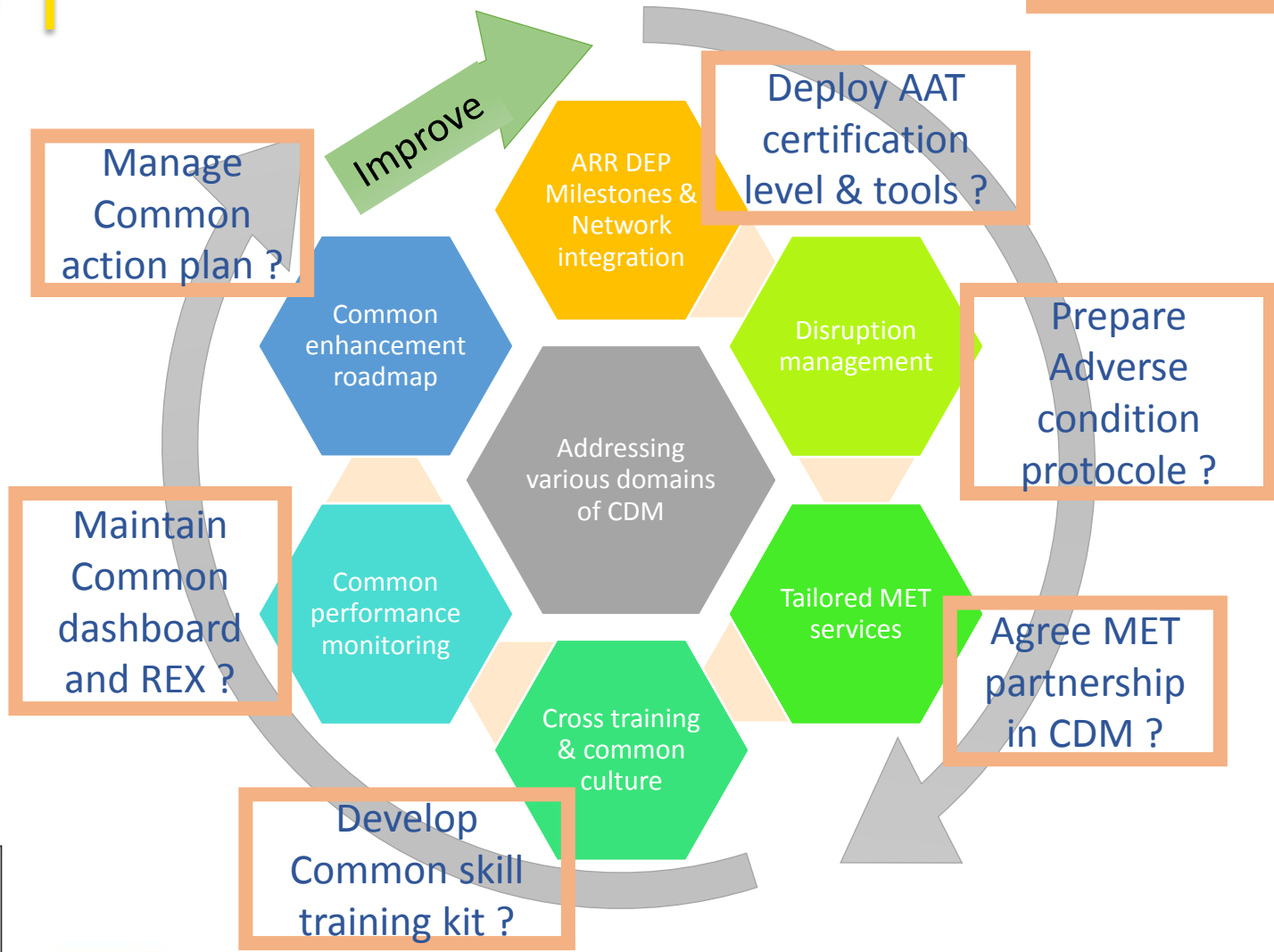
What can we build together to improve operational performance and environmental impact ?

CDM status at airports



Building blocks of CDM

How to apply CDM on a regional airport ?



CDM mindset & maturity

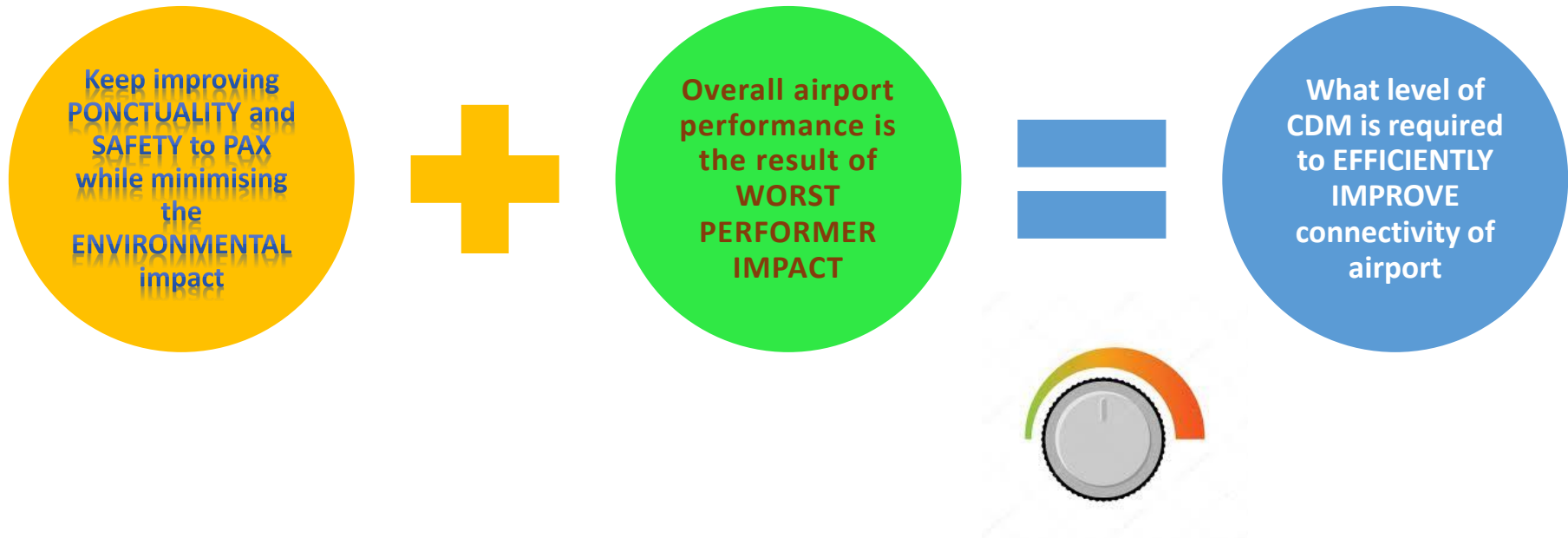
CDM enablers & triggers

My view of a Regional Airport CDM toolkit at DSNA

- AAT (Advanced ATC Tower) connexion to NM :
 - ✓ « ATC DPI » delivered to NM system by DSNA system
 - ✓ a B2B@NM access available for the airport system
- + CDM flight lists :
 - ✓ Shared view APT / ATC / NM of Arrivals and Departures
 - ✓ « CHMI for TWR » to interact with NM system : RDY, Slot Extension, DPI management fonctions
- + Local data sharing and coordination :
 - ✓ Operational environment (configuration, capacity and constraints..) & MET
 - ✓ Voiceless coordination support between TWR, APT, AUs/handlers (chat ..)
 - ✓ Live Performance monitoring dashboard
 - ✓ Situation awereness / decision support tools
- + Off Line CDM services :
 - ✓ Fact-sheets, training material
 - ✓ PostOPS data and REX support
 - ✓ Enhancement roadmap

Share views with us ?

Workshop B : 14h45 / 16h00



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