

**CDM@DSNA seminar**

**Air France**

November 28, 2017

# 01 Air France's operations - 2017

## 01.1 Generality



Since January 2017, daily Air France operations represent:

- 1 100 flight to more than 320 destinations in 120 countries
- 150 000 passengers
- 105 LH aircrafts / 118 MH aircrafts / 93 SH aircrafts

Most of our operations take place in DSNA's airspaces.

For 2018, Air France expect a growth of his activity thanks to the launch of our new product .



# 01 Air France's operations - 2017

## 01.2 Air France and DSNA

### DSNA impact on Air France's operations ?



Each French ACC is crossed daily by:

90% of our flights for Paris,

70% of our flights for Bordeaux,

60% of our flights for Aix,

20% of our flights for Reims,

And 15% of our flights for Brest.

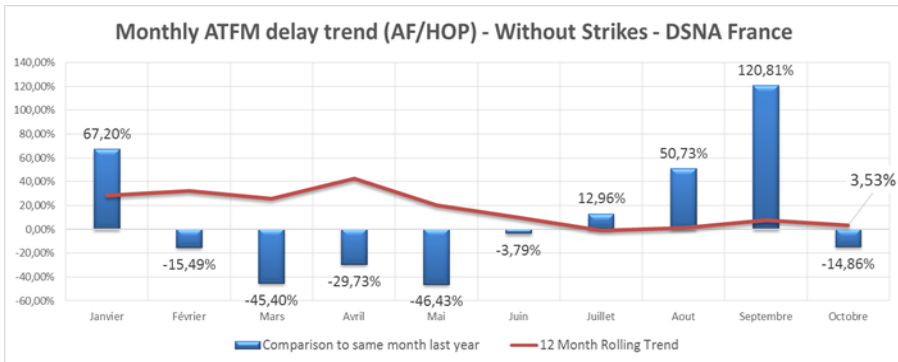
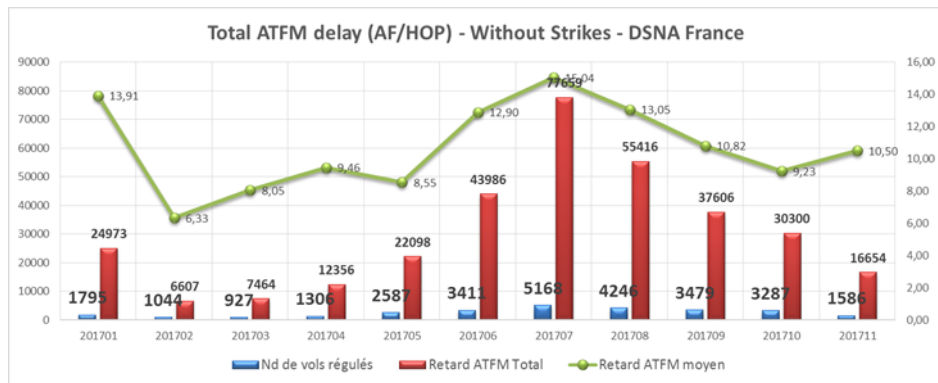


# 01 Air France's operations 2017

## 01.3 ATFCM results

### DSNA ATFCM impact on Air France operations

- 610 000' of ATFM delay from January over ECAC area.
- 55% of ATFCM delay came from DSNA.
- Cost of DSNA delays represents 30 m€ till October 2017.



Thanks to:

flexible Rostering, EEE deployment, multiple CDM interactions

Overall situation has slightly improved from Jan. to June.

Unfortunately since July 2017, the trend has reversed again with an increase in ATFM delays.



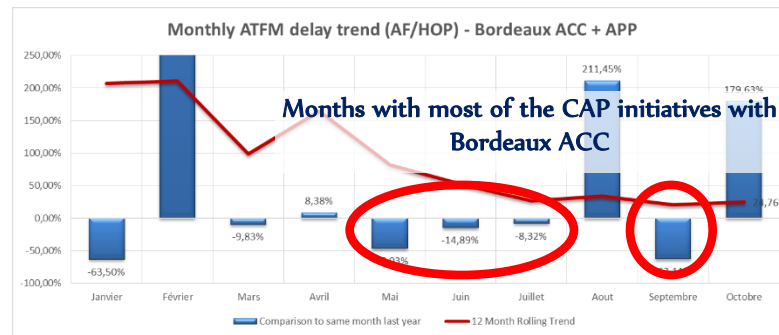
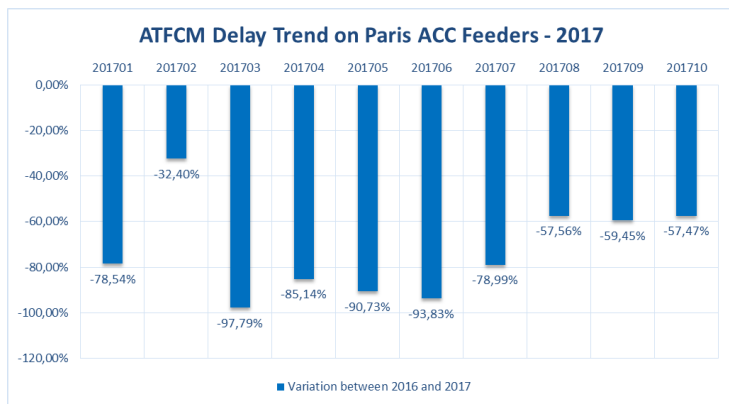
# 01 Air France's operations 2017

## 01.3 ATFCM results

What works well in 2017 !

### Collaborative Advance Planning - CAP

The enhanced collaboration with the CRNA helps us to solve together some slight peaks. It gave us a better flexibility and to the ACC a better predictability.



### Daily exchange with Paris ACC

A strong collaboration has been made with Paris ACC.

This year, with both Pre-tact and tact initiative the ATFCM delay has been strongly reduced.

LFFTE3 was on the top 5 most penalized Traffic volume last year and in 2017 this area will probably be out of the top 10 !



# 01 Air France's operations 2017

## 01.3 ATFCM results - Airport

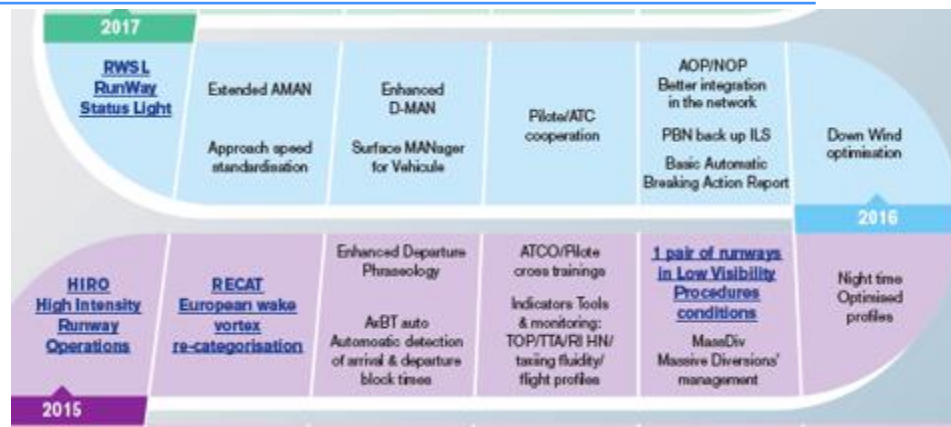
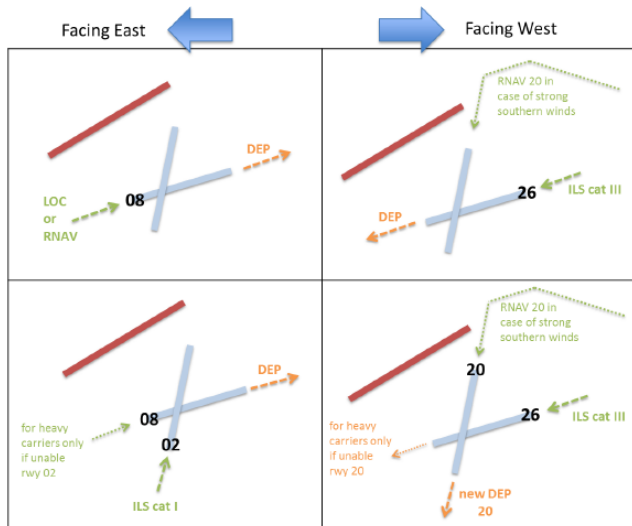
What works well in 2017 !

CDM@CDG

start reaping the operational benefits from the projects deployed in 2016 & early 2017 like HIRO, RECAT, RWSL

Runway capacity increase (+2 arr./h) evaluated this summer

=> Arrival delay reduction by 20%



CDM@Orly (Closure of Rnway 06/24)

A strong collaboration has been made with Paris Aéroports and SNARP-ORY.

Thanks to Strategic, Pre-tact and tact initiatives, the ATFCM delay has been reduced by 35% compared to 2016 (e.g. (in Aug. from ~9.500 min in 2016 to ~6.000 min in 2017)).



# 01 Air France's operations 2017

## 01.3 ATFCM results



What could be improved !

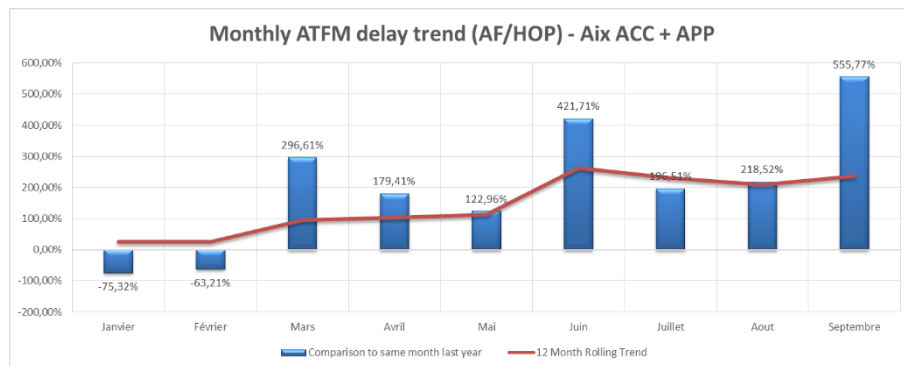
### CDM@Orly

Good coordination for the summer works !

But since September, Several airside works on-going not very well coordinated with the differnt CDMpartners

Leading to a lot of unexpected delays.

ATFCM delay (min)	August	September
2016	9.500	1.300
2017	6.000 	7.300 



### ATFCM Delays in Aix ACC

More than 120 000' of ATFCM delays

Almost 30' on average delay for flight to Figari

This cost us at least 14,7 m€ this summer (CNL excluded)



# 02 Air France's expectations 2018

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## CDM@Airports

### CDM@CDG

Continue reaping the operational benefits

Further evaluate Runway capacity increase next summer

### CDM@Orly

Good news! No Runway Closure next Summer ;

But need to anticipate the ones planned in 2019 and  
Collaboration needs to start in Q1 2018.

### CDM@Paris

Improve coordination between Paris ACC and CDG

To be also extended to Orly.

## With French ACC

### Optimise available capacity: Collaborative Advanced planning

Continue the collaboration with Bordeaux, Brest, Paris & Reims ACC

Extend it to Aix ACC

Improve coordination between the ACCs about their restrictions.

### Increase Capacity

Continue ATCO rostering optimization

Benefit from CPDLC & ATFCM Regulation based on CPDLC equipage





Thank you for your attention

And coming

**JOON**

