



# MASTERING THE FUTURE OF ATM

## **SESAR Deployment Manager**

## **Workshop**

*16 December 2014*

*Brussels*



# MASTERING THE FUTURE OF ATM

## SESAR Deployment Manager Workshop

### **Item 1**

## **Introducing SESAR Deployment Alliance as the Deployment Manager**

*16 December 2014*

*Brussels*

# Agenda

✓ Start 16:30

1. Introduction to SESAR Deployment Alliance
2. Investing in relations with all ATM-stakeholders
3. Introduction to Preliminary Deployment Programme (PDP) and preparation for INEA call 2014
4. Financial and Performance Systems
5. Questions & answers
6. Conclusions and way forward

✓ Close at 18:00

# SESAR Deployment Alliance

## Overview

### Our mission

To implement SESAR through a series of Common Projects



# MASTERING THE FUTURE OF ATM

## SESAR Deployment Manager Workshop

### **Item 2**

### **Investing in relations with all ATM stakeholders**

*16 December 2014*

*Brussels*

## **Stakeholders Relations are vital to DM success**

- SESAR Deployment is a partnership:  
We need to reach the finish together  
or we will not be able to finish at all
- Buy-in will be essential to timely and  
coordinated deployment
- Open to all ATM stakeholders for  
input and discussion

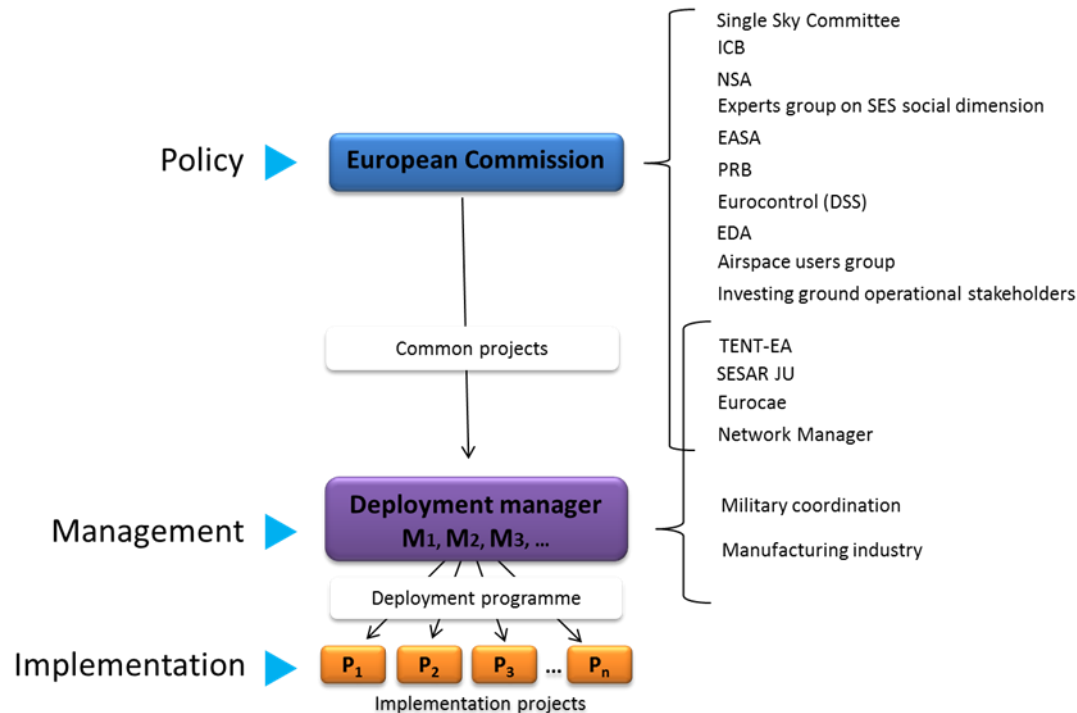
## **Our vision of DM's stakeholders relations**

- Be open and transparent
- Build trust between DM and implementing partners
- Be driven by Performance and Deployment Programme
- Bring support to implementing partners

# Which stakeholders?

Connect with all stakeholders in SESAR Deployment

## Deployment governance





## **DM instruments to connect with stakeholders**

- Four main instruments for harnessing structural interaction:

- **Cooperative arrangements**
- **Consultation platform**
- **Advisory Board**
- **Liaison Officers**

# Cooperative Arrangements

- ❑ Mandatory cooperative arrangements : SJU, NSA, Military / EDA, Network Manager and Manufacturing industry,
- ❑ Cooperative arrangements on a voluntary basis : EASA, Eurocontrol, Standardisation bodies, EUMETNET, professional staff associations ...
- ❑ Generic draft cooperative arrangement in preparation
- ❑ Coming months : contact with envisaged interfaces to discuss and conclude cooperative arrangements

# Stakeholders' Consultation Platform

- ❑ For all operational investors like ANSP's, Airport Operators, Airlines, Network Manager, Meteo providers, ...
- ❑ Initial Terms of Reference, to be fine tuned
- ❑ Consists of different working groups, depending on the subject (DP, CBA, CP, ...)
- ❑ Aimed at buy-in internally at DM level for the Deployment Plan
- ❑ Does not replace the formal consultation procedure organised by the EC and potential endorsement for new Common Projects.

# Advisory Board

- ❑ A support to the Supervisory Board
- ❑ Participants:
  - Stakeholders assisting EC in the Policy Level
  - 1 representative per stakeholders' group.
- ❑ The Advisory Board will meet at least once a year, if possible twice, for the following years.

# Liaison Officers concept

- ❑ Aim : connect with all stakeholders through trusted channels – talk to someone you know or is in the same business.
- ❑ Establish long term relationship to take the views of the investors on board in the broader DM work

Civil Airports:  
**Luc Laveyne**



Civil Airspace users:  
**Marita Lintener**



Civil ANSPs:  
**Jacub Kepa**



## Next steps

- Information event on Consultation Platform and DM processes including dedicated stakeholder workshops is envisaged for end of January/beginning February 2015
- Date will be published beginning of January on [www.sesardeployment.aero](http://www.sesardeployment.aero)

# MASTERING THE FUTURE OF ATM

## SESAR Deployment Manager Workshop

### **Item 3**

### **Introduction to PDP V0 and preparation for applications to INEA call 2014**

*16 December 2014*

*Brussels*

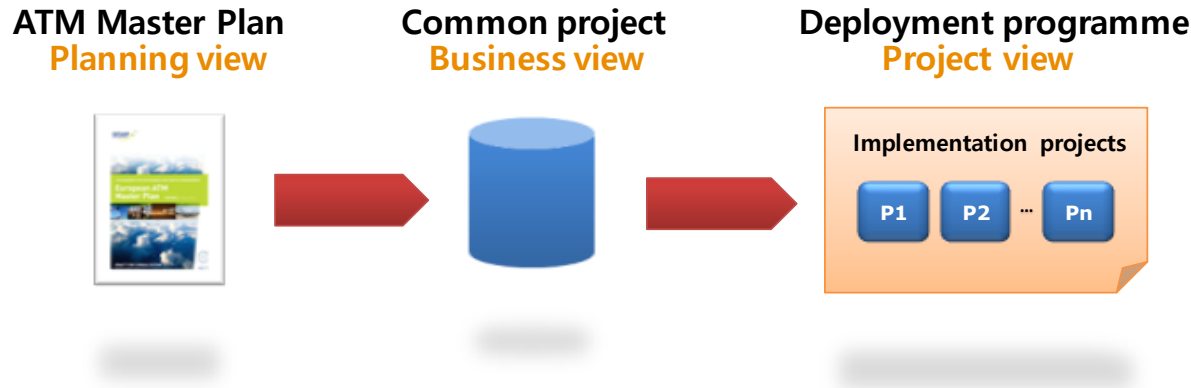
# **Introduction to the Preliminary Deployment Programme (PDP V0)**

*16 December 2014*

*Brussels*



# From ATM Master Plan (2012) to PDP V0



- ❑ The Preliminary Deployment Programme (PDP V0) provides the initial project view of the ATM functionalities of the Pilot Common Project in order to support the successful implementation of EC Regulation (EU) N°716/2014.
- ❑ PDP V0 is available at:

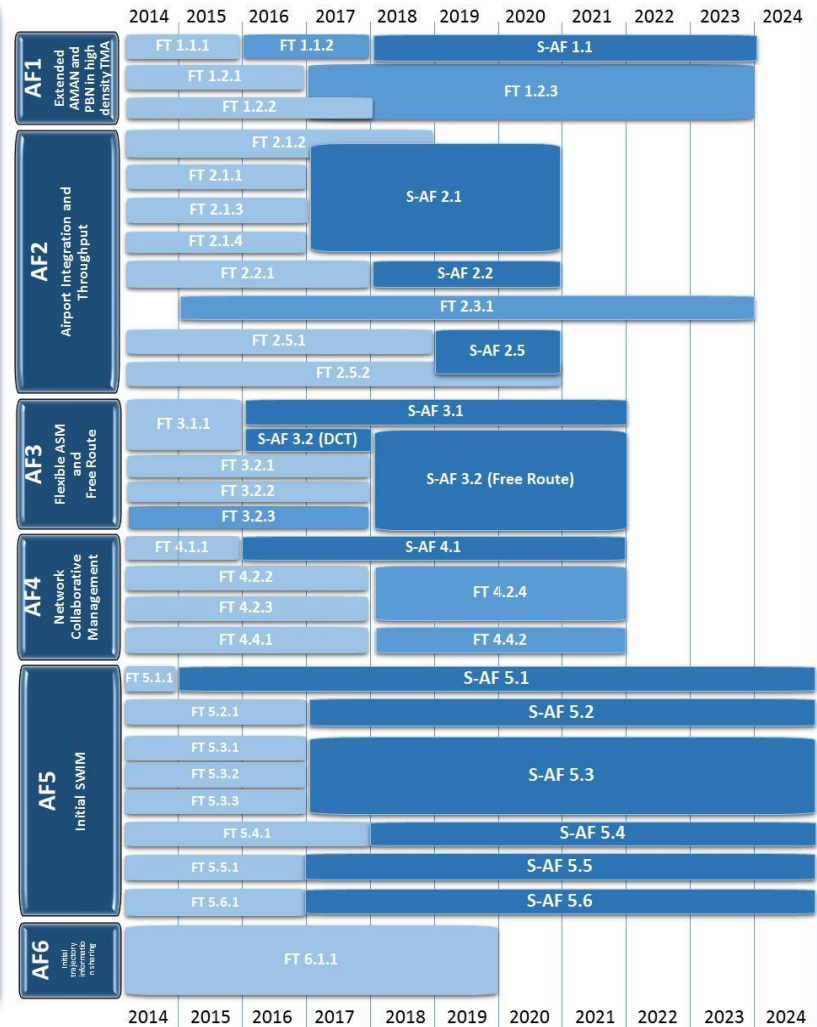
<http://www.sesardeployment.aero/pdfs/SDA-Preliminary-Deployment-Programme-V0.pdf>

# Preliminary Deployment Programme (PDP)

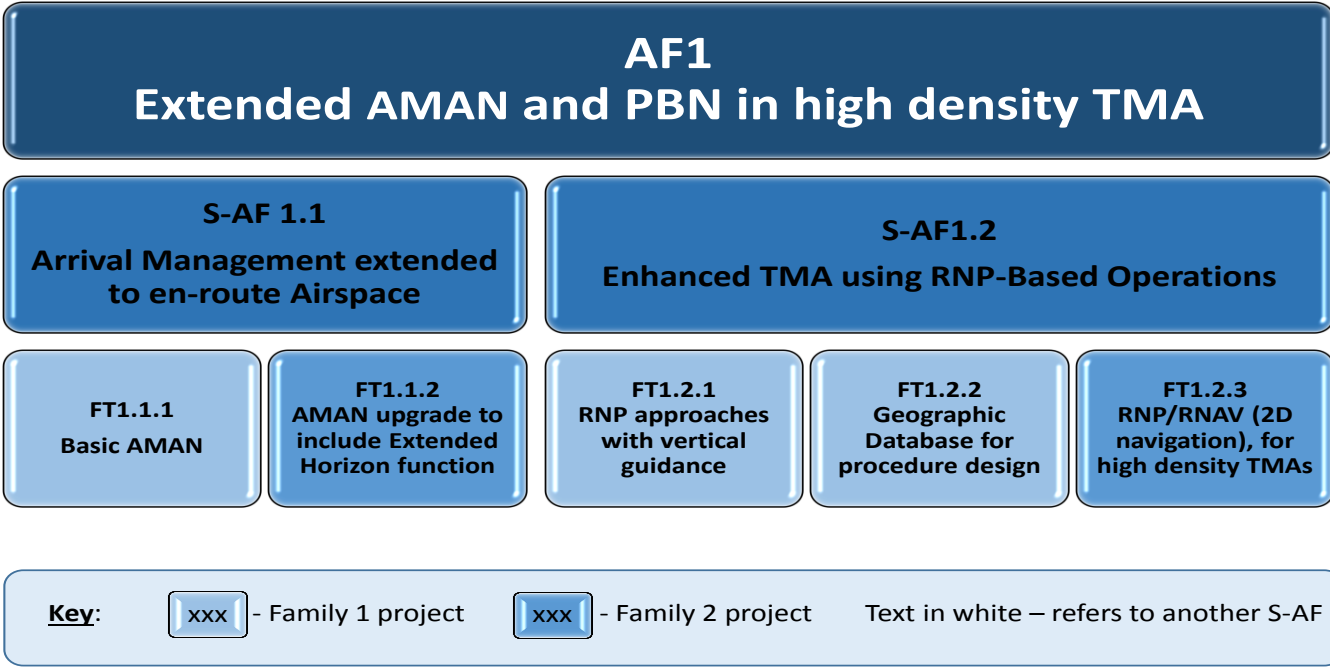
The PDP is intended to:

- Speed up and complete deployment of all the pre-requisites and facilitators of the PCP functionalities, in order to be ready for a timely, coordinated and synchronised deployment of PCP elements;
- Start the deployment of mature elements of the PCP.

PDP V0 focuses on “Fast Tracks”, i.e. families Implementation Projects mature for deployment.



# AF1 - Fast tracks



Extended Arrival management (AMAN) and Performance Based Navigation (PBN) in high density Terminal Maneuvering Areas (TMAs) improves the precision of the approach trajectory and facilitates air traffic sequencing at an earlier stage.

# **INEA Call 2014**

## **A joint effort by the Deployment Manager and the candidate Implementing Partners**

*16 December 2014*

*Brussels*

# A specific environment

## Key parameters

- ❑ Launched on 11 September 2014, deadline 26 February 2015
- ❑ 300M€ of co-funding, 80% for “PCP related” Implementation Projects
- ❑ In accordance with EC’s set-up for SESAR deployment, implementation projects “PCP related” will be awarded within a Framework Partnership Agreement (FPA)
  - Implementing partners of a (cluster of) selected project not in the FPA yet, will be required to join the FPA and sign the Internal Cooperation Agreement
  - Deployment Manager being the coordinator of this FPA, it is also the Action Coordinator for every (cluster of) selected project

# From INEA call to invitation letter

INEA Call published on 11 September 2014 – Funding Objective 3 addresses «SESAR Deployment» through the implementation of the Pilot Common Project (PCP)

DFS, ENAV and SDAG (SESAR related Deployment Airport Operators Grouping) took over the responsibility to lead coordinated proposals

On 28 November DFS, ENAV and SDAG invited stakeholders to join in the preparation of common proposals on the basis of the implementation prerequisites and facilitators, identified by IDSG in the Interim Transition Report

Following the publication of the Preliminary Deployment Programme on 5 December, the PDP is now the reference to ensure the alignment of the implementing projects to be submitted to INEA call

Accordingly, to better coordinate the proposals in terms of bid preparation it is proposed a  
**CLUSTER APPROACH**

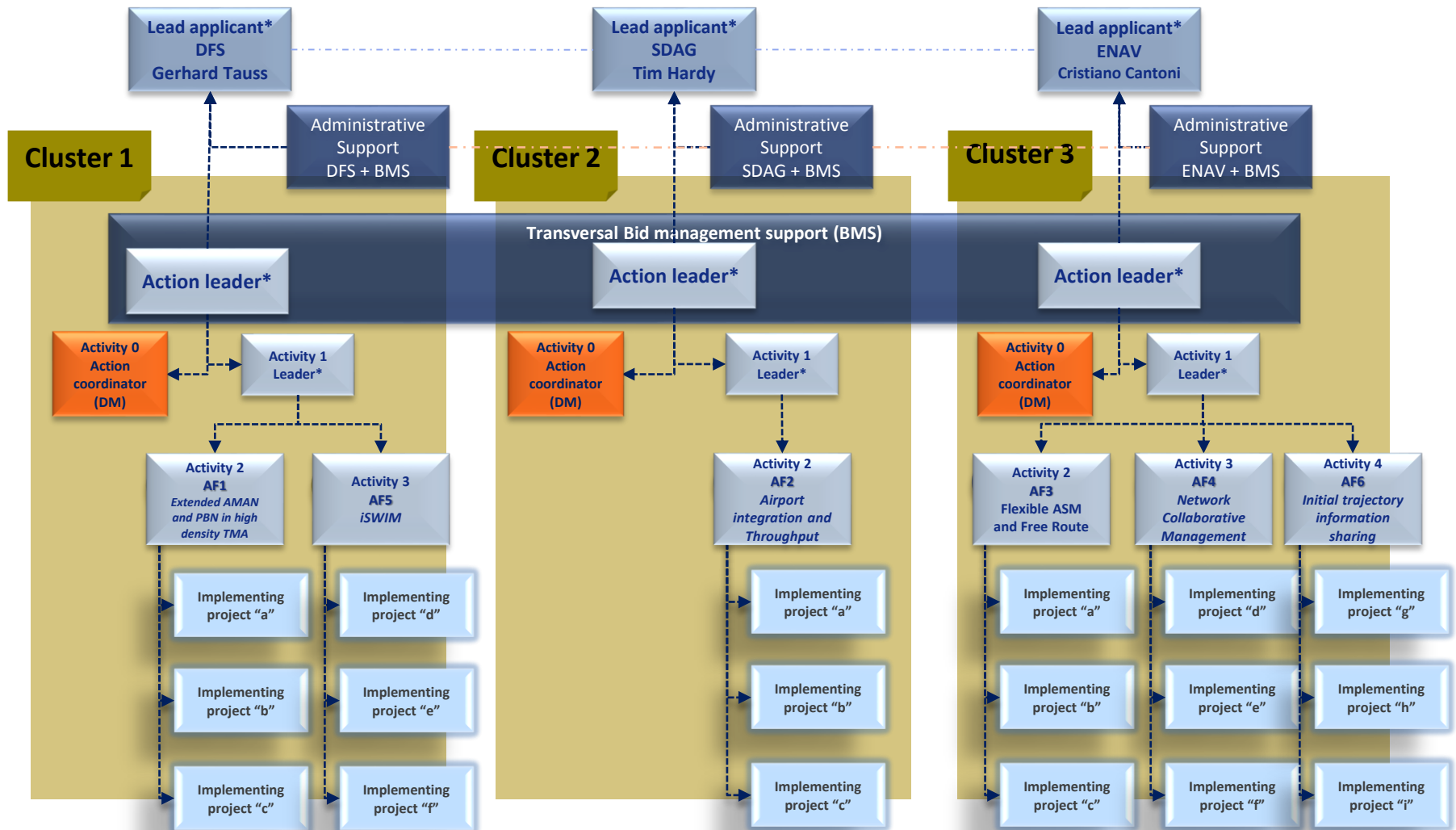
# Cluster approach

Preparing for synchronised and coordinated implementation

- ❑ “Cluster approach” is an ad-hoc working structure to integrate individual/local proposals for PCP related Implementation Projects into 3 “Master proposals” in accordance with the AF they address
  - Cluster 1: TMA and Ground/Ground Communication: FTs for AF1 and AF5
  - Cluster 2: Airports integration and throughput: FTs for AF2
  - Cluster 3: En Route and FDP upgrades: FTs for AF3, AF4 and AF6
  
- ❑ If successful, “Cluster approach” would result into:
  - 3 Specific Grant Agreements instead of several tens
  - Reduced administrative burden for the implementing partners
  - Improved DM support to the implementing partners



# Clusters preparation structure



.Per each cluster: Lead applicant, Action leader, Activity 1 leader refer to the same organization



# DM role towards Level 3



The DM is responsible for\*:

- (a) developing, proposing, maintaining and implementing the deployment programme;
- (b) associating the operational stakeholders that are required to implement common projects;

\* Regulation EU N°409/2013



Accordingly, **from 12/01/15 to 28/01/15** the DM will **assess the Implementation Projects initiatives** submitted, and potentially propose fine-tuning actions using PCP and PDP V0 as references, in order to:

1. Ensure consistency of the Implementation Projects
2. Analyse the gaps in terms of missing application stakeholders
3. Analyse the gaps in terms of timescale of the proposed Implementation Projects
4. Check geographical applicability
5. Provide support to stakeholders

# Short term roadmap (1/3)

Call's timeline

- ❑ On going discussion with EC to postpone the deadline by at least one month in order to:
  - Provide stakeholders with more time to familiarise with PDP and the cluster approach
  - Provide DM with the minimum time required to successfully organise applications to the call

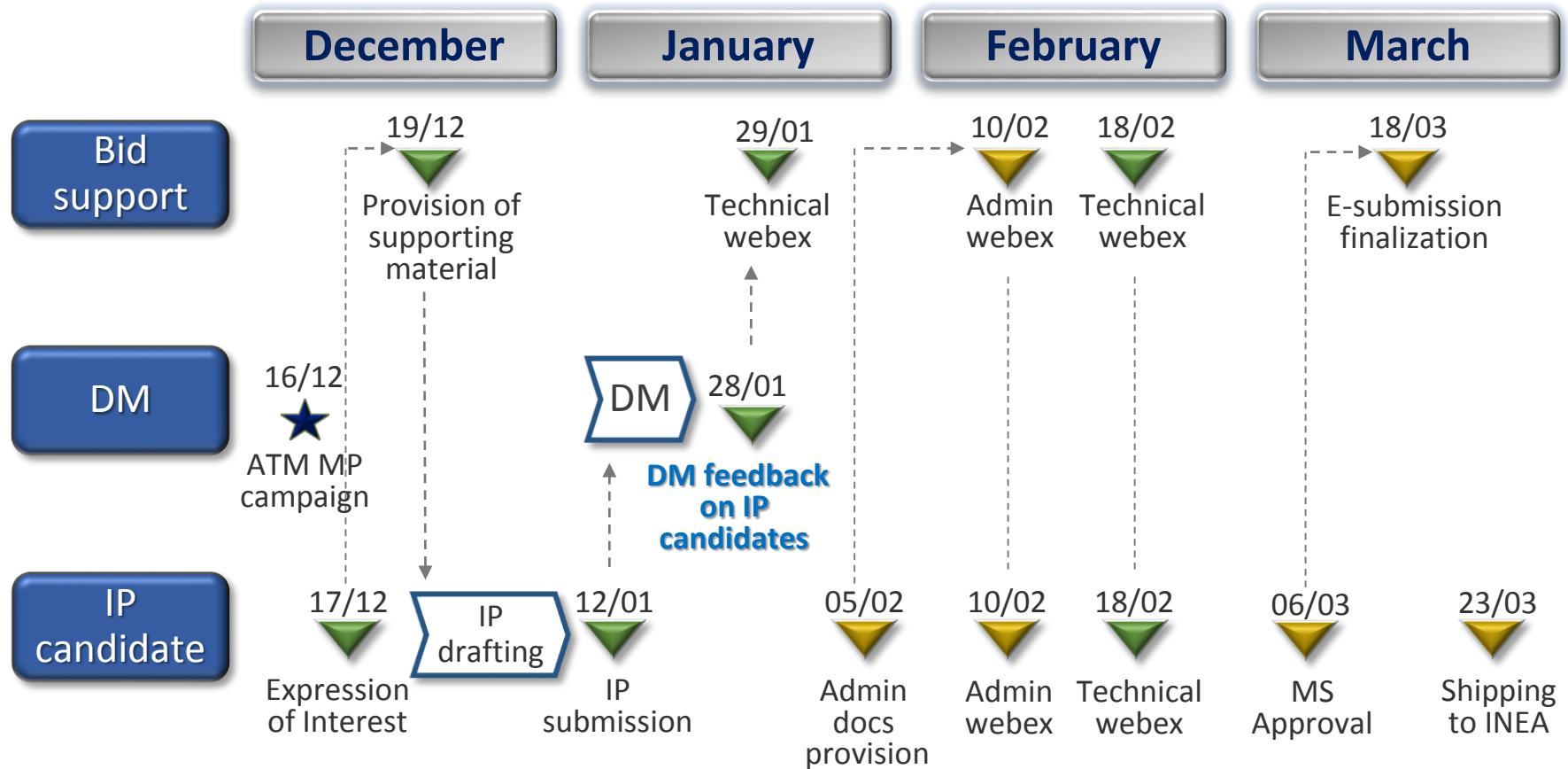
# Short term roadmap (2/3)

## How to join the clusters

- ▶ 1. **Step 1 (started on 28 November): European ATM operational stakeholders** are invited to express their interest in joining the application as follows:
  - Email to be sent to **[bidsupport@enav.it](mailto:bidsupport@enav.it)** by **17 December COB** indicating:
    - Cluster/Activity-ATM Functionality of interest
    - 1 Technical PoC
    - 1 Admin PoC
  
- ▶ 2. **Step 2: Bid support** will provide interested stakeholders by **19 December COB** with:
  - Implementing project generic frame – **the frame shall be used to submit respective initiatives by 12 January COB (Technical PoC).**
  - Technical roadmap (*Technical PoC*)
  - Admin information (*Admin PoC*)
  - Admin roadmap (*Admin PoC*)

# Short term roadmap (3/3)

## Planning and sequence



Administrative Action



Technical Action

# MASTERING THE FUTURE OF ATM

## SESAR Deployment Manager Workshop

### **Item 4**

### **Financial and Performance Systems**

*16 December 2014*

*Brussels*

# MASTERING THE FUTURE OF ATM

## SESAR Deployment Manager Workshop

### **Item 5**

### **Questions and Answers**

*16 December 2014*

*Brussels*

# Questions and answers





# MASTERING THE FUTURE OF ATM

## SESAR Deployment Manager Workshop

### **Item 6**

### **Conclusions and way forward**

*16 December 2014*

*Brussels*



# Conclusions

- ☐ SESAR Deployment Framework is up and running
- ☐ SDA has been selected as DM and as FPA coordinator
- ☐ Relations with all ATM stakeholders are key to DM success
- ☐ PDP is approved by EC, ready to guide applications to INEA Call 2014
- ☐ DM ambitions to demonstrate its added value from this call, providing support to stakeholders to ease their access to FPA, defragmenting applications for better synchronisation and coordination
- ☐ DM is performance driven

**DM is very much looking forward working with you!**



Website:  
[www.sesardeployment.aero](http://www.sesardeployment.aero)

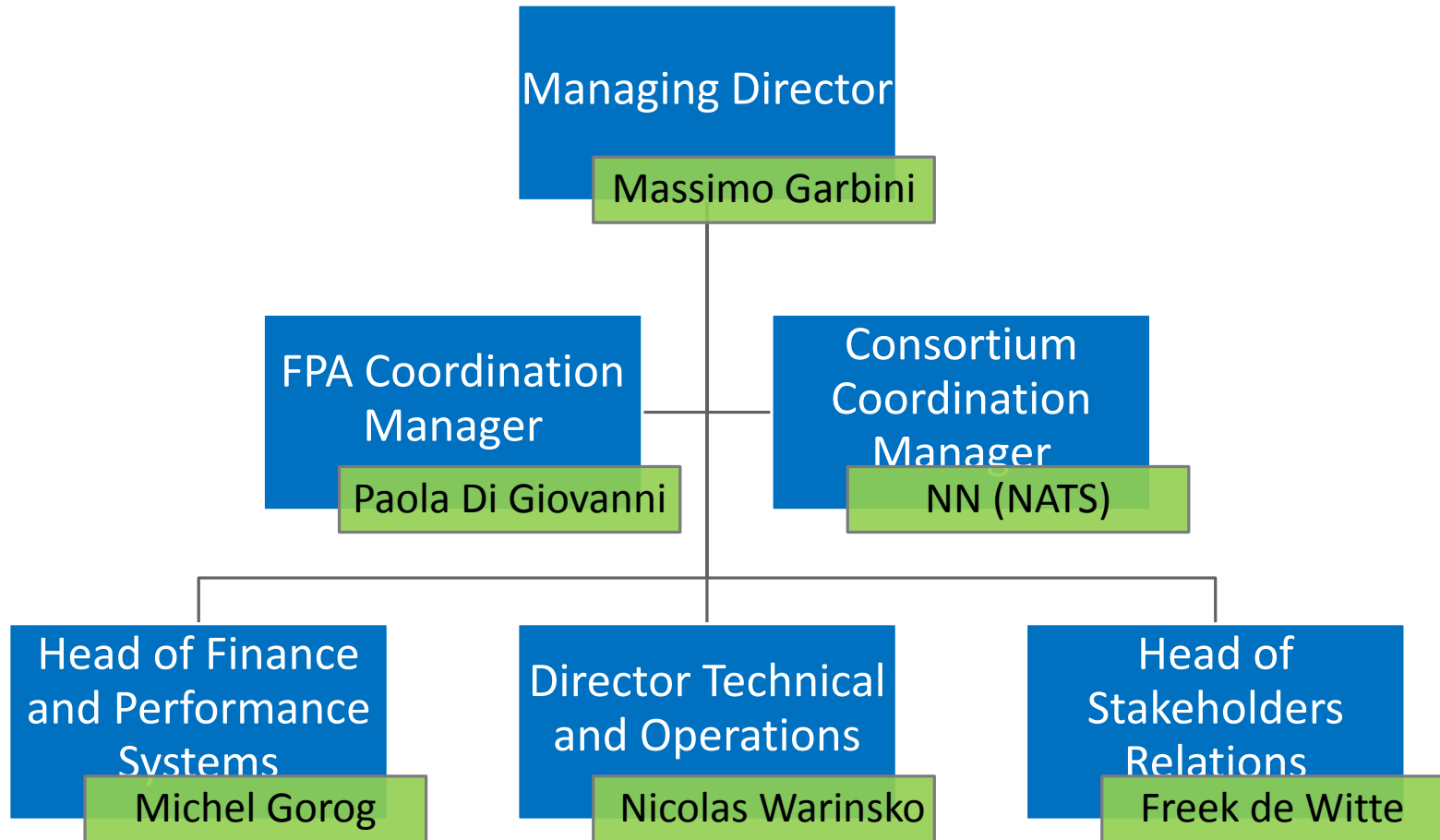
Contact:  
[info@sesardeployment.aero](mailto:info@sesardeployment.aero)

# **Annex 1**

## **Preliminary organisation of the Deployment Manager**

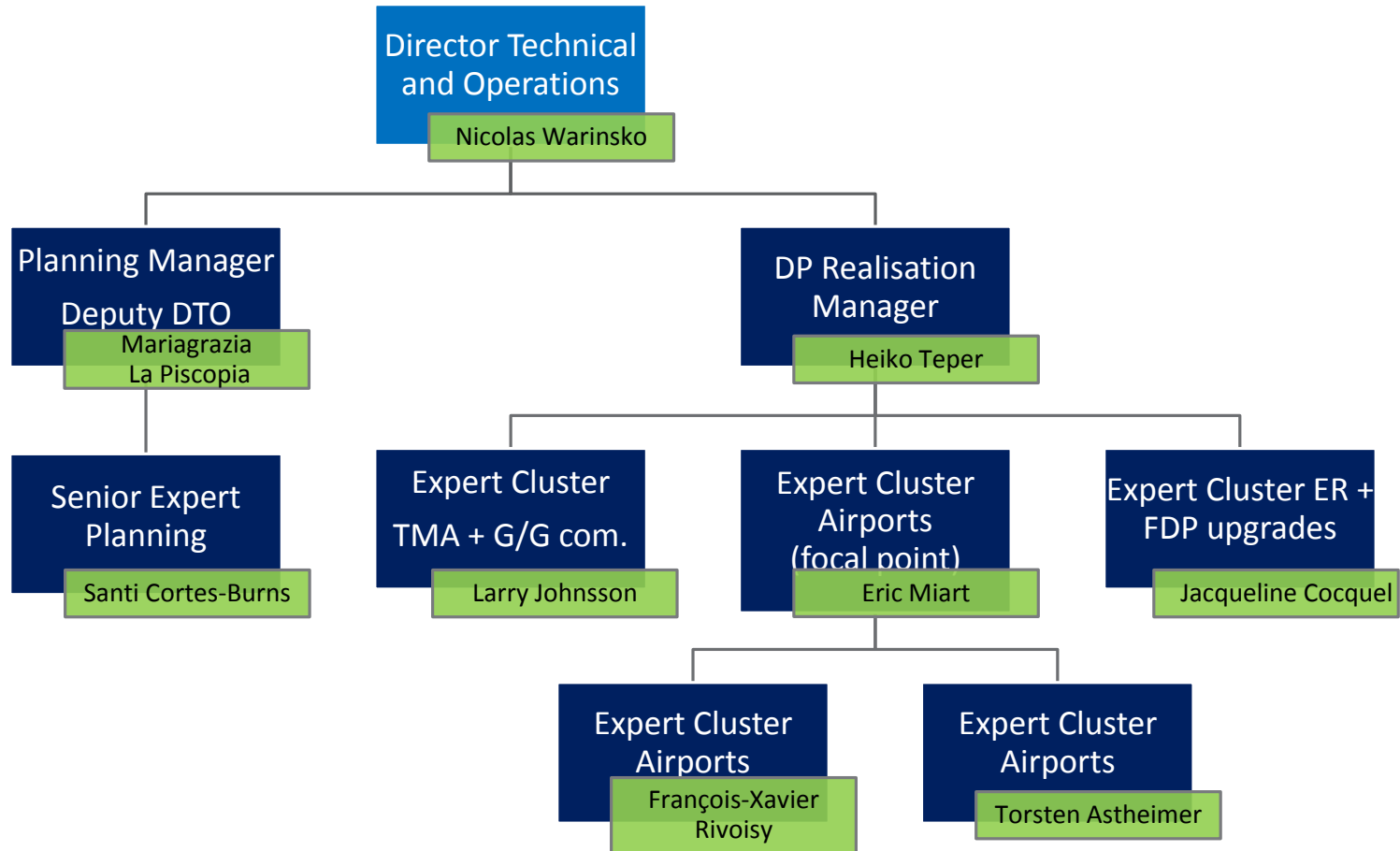
# Deployment Manager

Management team



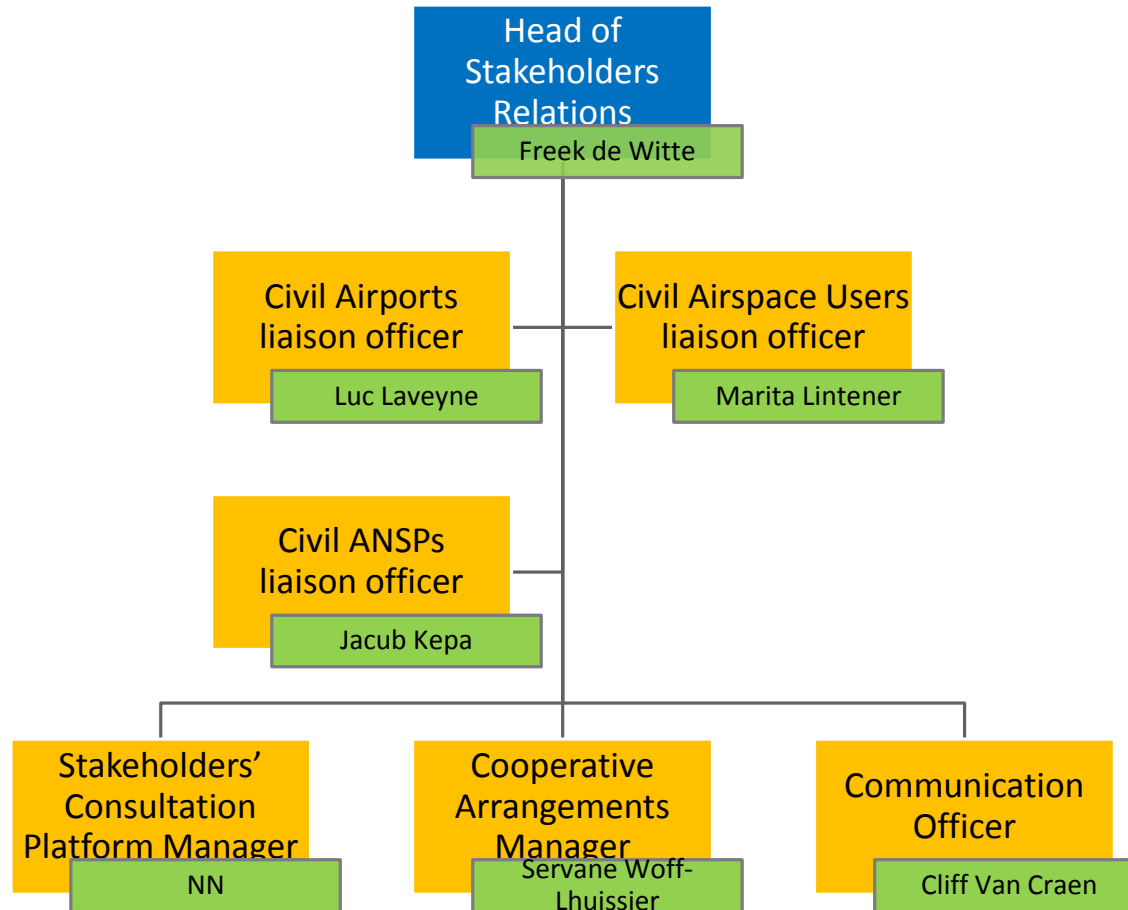
# Deployment Manager

Technical and Operations Directorate



# Deployment Manager

## Stakeholders Relations Unit



# Deployment Manager

Finance and Performance Systems Unit

