



SESAR
DEPLOYMENT MANAGER

LET'S DELIVER TOGETHER

SESAR Deployment and upcoming CEF Transport Calls

Presentation @NEFAB ANS Consultative Board

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Funded by the
European Union

SESAR JU – SESAR DM

2 entities, 1 project

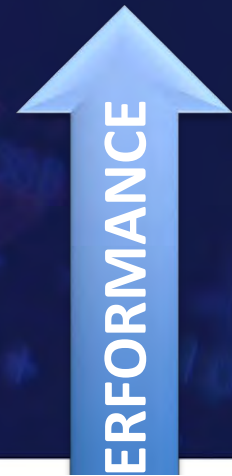


Major step towards ATM modernisation

- SESAR R&D is delivering, it's time for deployment!
 - First implementation package – the Pilot Common Project – approved in 2014 as an EU Regulation with binding deadlines (EC 716/2014)
- **SESAR Deployment Manager is:**
 - Established under SES regulatory framework (EC 409/2013)
 - As an partnership between the European Union and “European industry”
 - To plan, synchronise and coordinate implementation of PCP

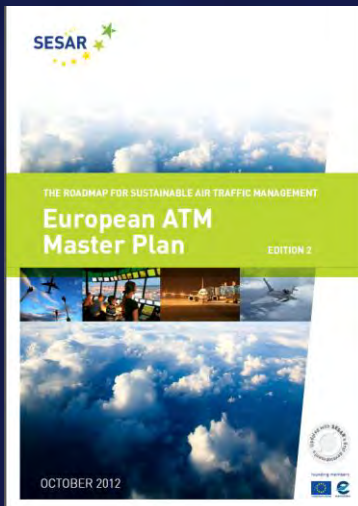
MISSION DEPLOYMENT MANAGER

TOGETHER

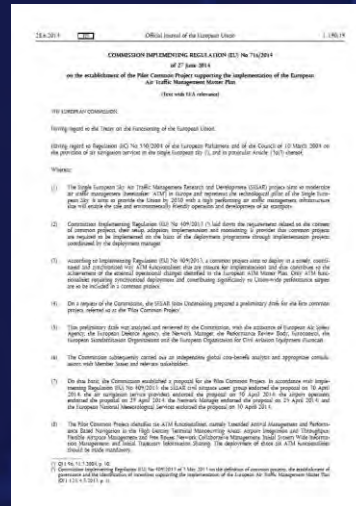


From ATM Master Plan to the Deployment Programme

ATM
Master Plan
Edition 2012



Pilot Common
Project (PCP)
June 2014



Deployment
Programme 2015 (DP)
September 2015



Pilot Common Project

Regulation (EU) 716/2014

SDM to plan/monitor/synchronize...

- 1 Extended AMAN and PBN in high density TMAs
- 2 Airport Integration and Throughput Functionalities
- 3 Flexible Airspace Management and Free Route
- 4 Network Collaborative Management (Flow & NOP)

Key functional improvements addressing critical network performance deficiencies

- 5 iSWIM: ground-ground integration and aeronautical data management and sharing
- 6 Initial Trajectory Information Sharing: air-ground integration towards i4D

Building the infrastructure of the future

The Pilot Common Project

WHAT

- 1 Extended AMAN and PBN in high density T
- 2 Airport Integration and Throughput Functi
- 3 Flexible Airspace Management and Free Ro
- 4 Network Collaborative Management (Flow
- 5 iSWIM: ground-ground integration and aeronautical data management and sharing
- 6 Initial Trajectory Information Sharing: air-ground integration towards i4D

WHERE



WHEN



WHO

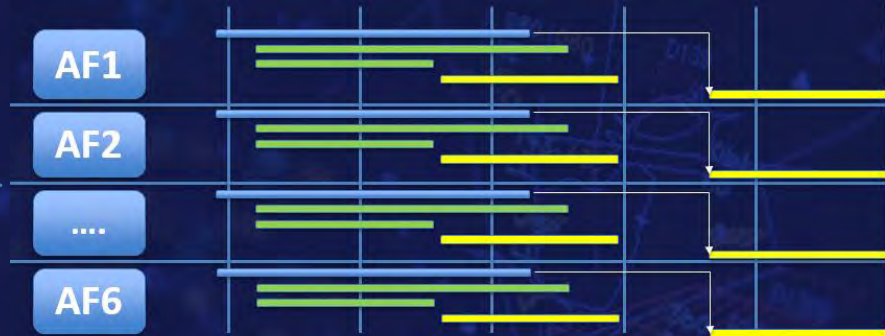


The Deployment Programme (1/2)

- 1 Extended MAM and PM in high density T
- 2 Airport Integration and Throughput Func
- 3 Flexible Airspace Management and Free R
- 4 Network Collaborative Management (How
- 5 DMN ground ground integration and aeronautical data management and share
- 6 Initial Trajectory Information Sharing: air-ground integration towards IAD



HOW



... a robust “project view” to deliver PCP timely through families of synchronised and coordinated implementation projects

The Deployment Programme (2/2)



Overview:

- Executive Summary
- Strategic View
- Project View
- Performance view
- Monitoring view
- Risks register
- Next steps

Why is the Deployment Programme so important?

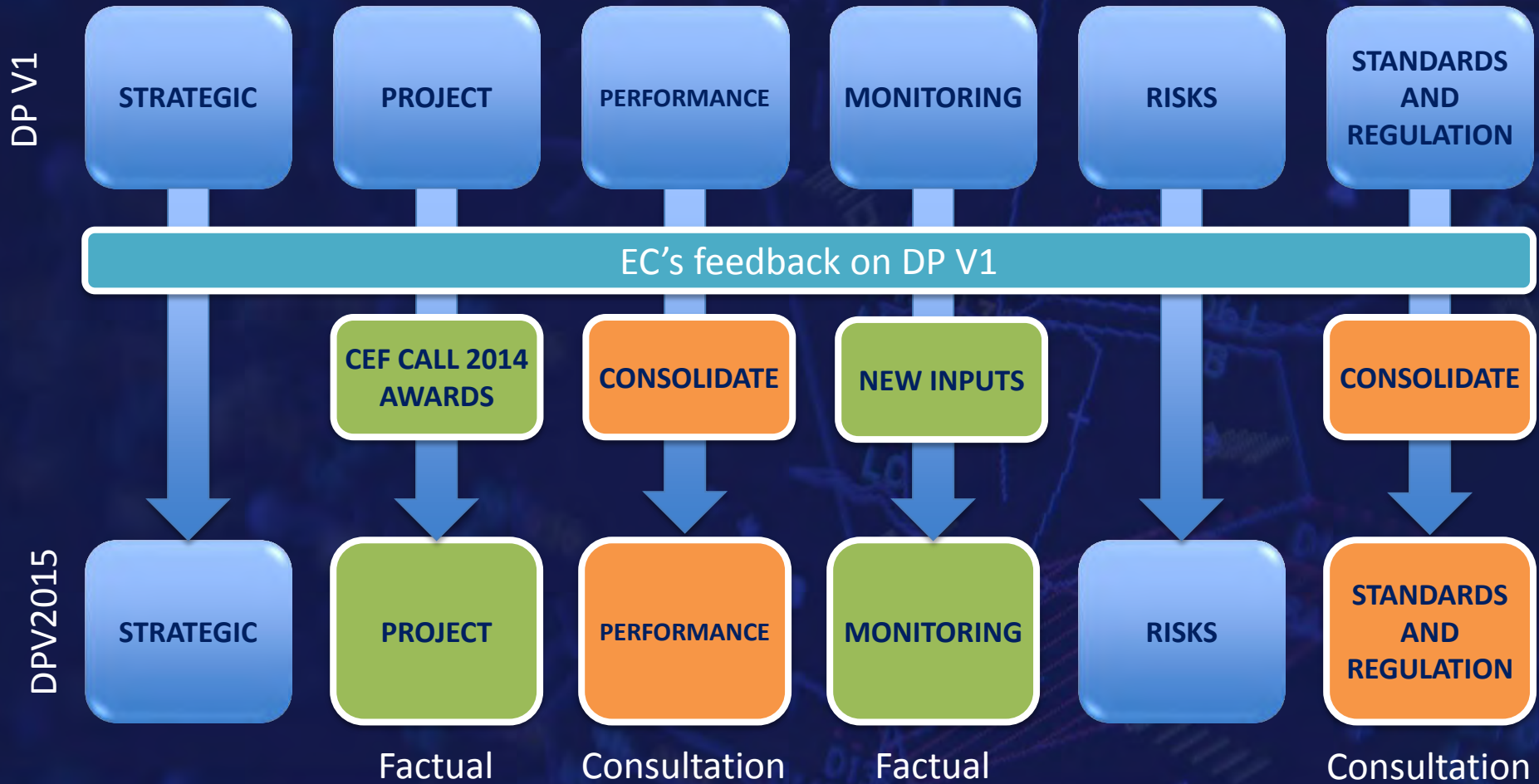


- The sole reference for PCP implementation planning and monitoring
- The PCP's project view aimed at organising PCP implementation
 - SDM's and implementing partners working reference for planning, synchronisation, coordination and reporting purposes
- Subject to EC approval:
 - The specification for the PCP part of the next CEF calls 2015
 - The technical annex to the SESAR Framework Partnership Agreement

DP V1 vs DP2015

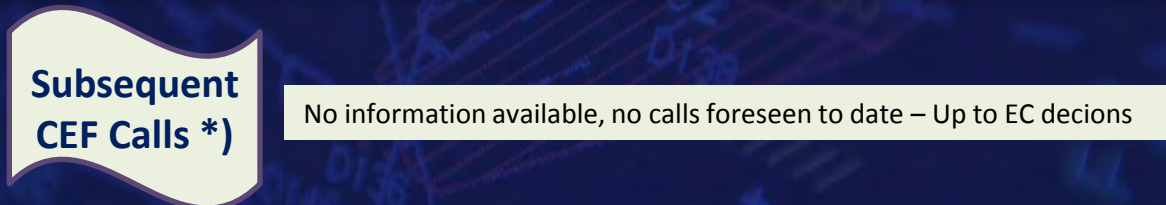
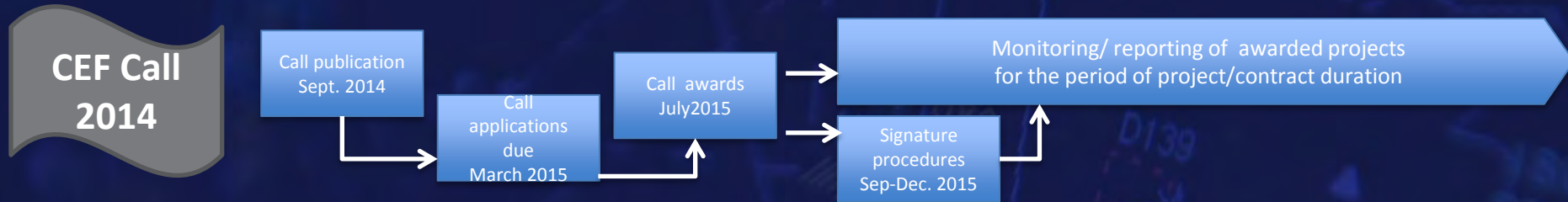
V1 delivered to EC on 29 June 2015

Update -> 'DP 2015' delivered on 30 September 2015



Sequence of CEF calls

- Public Funds for ATM modernisation -



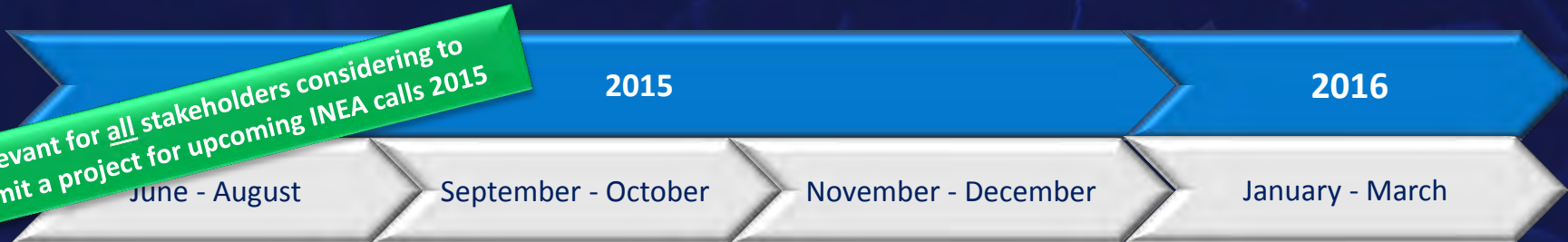
*) To note:
 Current planning - All timelines tentative.
 Final dates and all decisions up to EC/INEA

CEF Call 2014

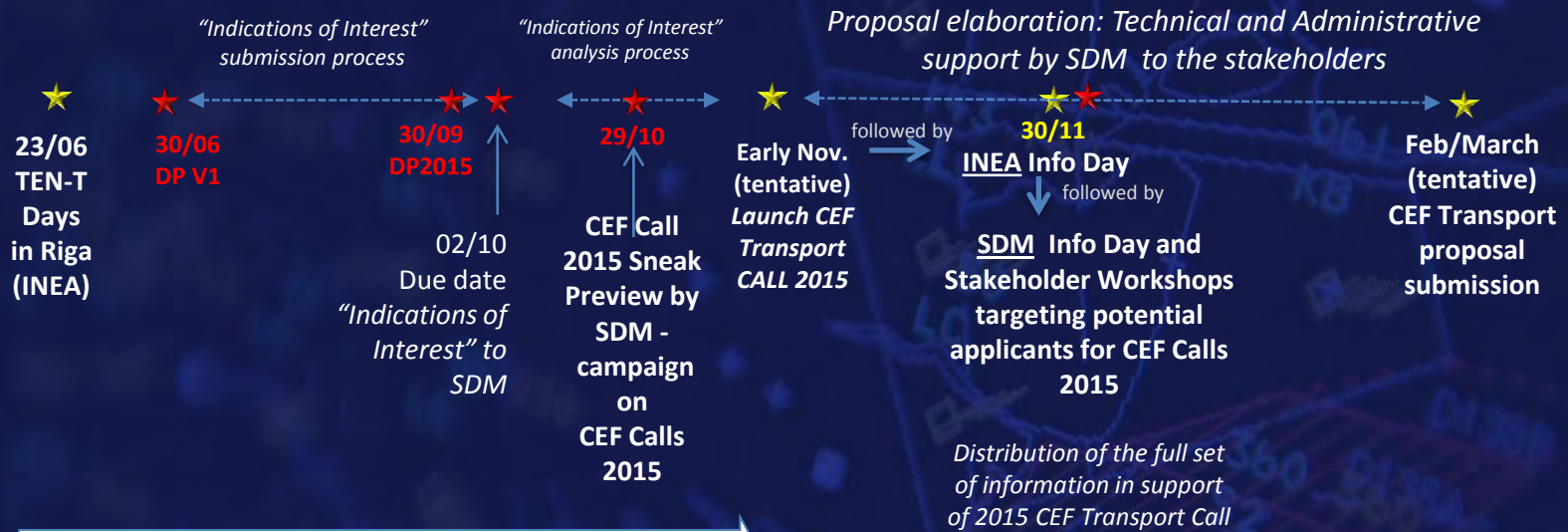
- Call publication: September 2014
- Target date for application submission: March 2015
- Project awarded by INEA: July 2015
- Nearly 150 candidate projects received by SDM by end of January
- 110 projects submitted to INEA under SDM's coordination
- Total amount of investment: €836m (€409m of co-funding required)
- Nearly 50 beneficiaries of the Call
- NEFAB/ANSPs of NEFAB and the CEF Call 2014:
 - Project related to the BOREALIS Free Route Airspace (multistakeholder project)
 - ASM tool

Overall timeline towards CEF Calls 2015

Relevant for all stakeholders considering to submit a project for upcoming INEA calls 2015



SDM Bid Management



Stakeholders preparation phase ahead the launch of the call

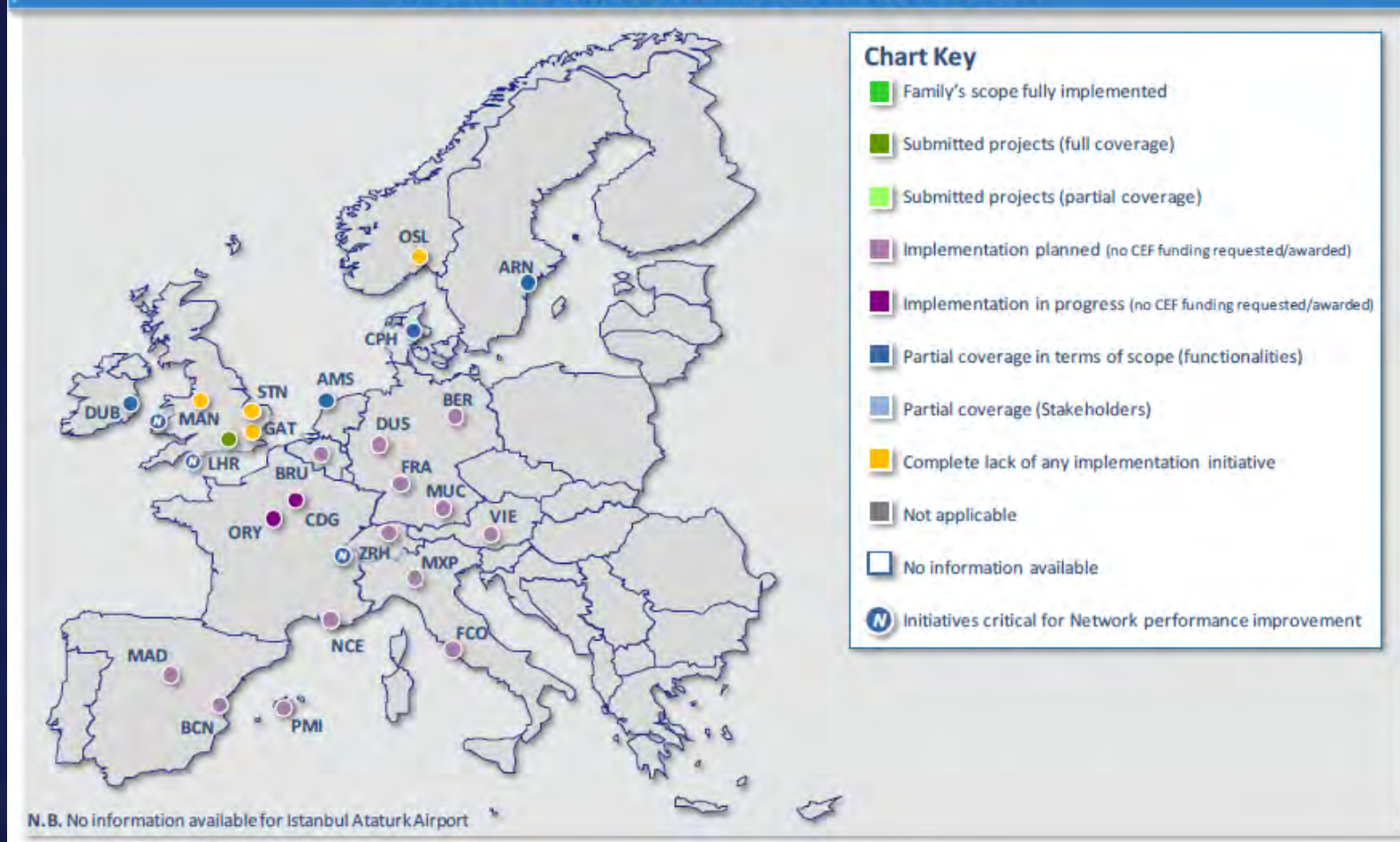
Subject to INEA timeline!

Indications of interest for CEF Calls 2015 (1/4)

- Non-binding information
- Submitted to SDM by 2 October
- Instrumental to the optimisation of full DP coverage with regard to CEF calls 2015
- to facilitate early coordination among stakeholders
- to identify planning gaps and early needs for action in support of stakeholders

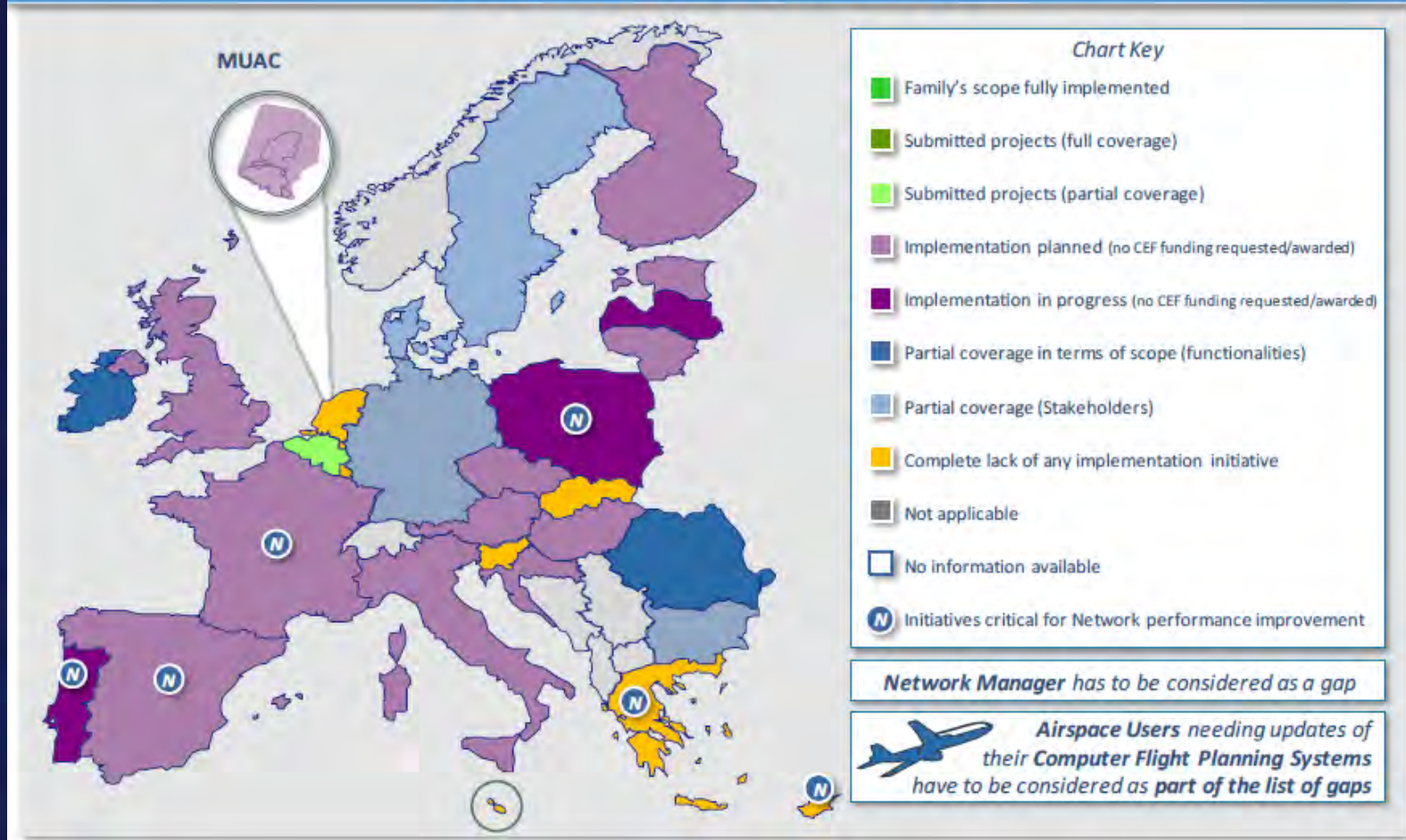
Gap analysis – extract from the DP2015 (example 1)

1.1.2 AMAN Upgrade to include Extended Horizon



Gap analysis – extract from the DP2015 (example 2)

3.1.2 ASM management of real time data



Indications of interest for CEF Calls 2015 (2/4)

- Over 200 Iols received from civil stakeholders by now
- Nearly 100 Iols received from military
- Overall budget: nearly €2bn
- Some Iols still to come
- 4 Iols delivered jointly by NEFAB
- Several Iols delivered by individual NEFAB ANSPs
- 2 Iols by NAMCON

Indications of interest for CEF Calls 2015 (3/4) – projects delivered jointly by NEFAB

- AF#3: Flexible ASM and Free Route -> Project family: ASM management of real-time data and ASM information sharing
- AF#3: Flexible ASM and Free Route -> Project family: Full Rolling ASM/ATFCM Process and ASM information sharing
- AF#4: Network Collaborative Management -> Project family: Interface ATM systems to NM systems
- AF#5: initial SWIM - > Project family: Upgrade / Implement Aeronautical Information Exchange system/service

Indications of interest for CEF Calls 2015 (4/4) – projects delivered by NAMCON

- AF#5: initial SWIM - > Project family: Upgrade / Implement Meteorological Information Exchange System / Service -> NAMCON project: European Winter Weather Service for Aviation
- AF#5: initial SWIM - > Project family: Upgrade / Implement Meteorological Information Exchange System / Service -> NAMCON project: Sub-regional SWIM MET deployment to support NEFRA

SDM Information Outreach cascade autumn 2015

- Stakeholder information is key -



SDM Launch event 29 October in Brussels, subsequent general SDM workshops



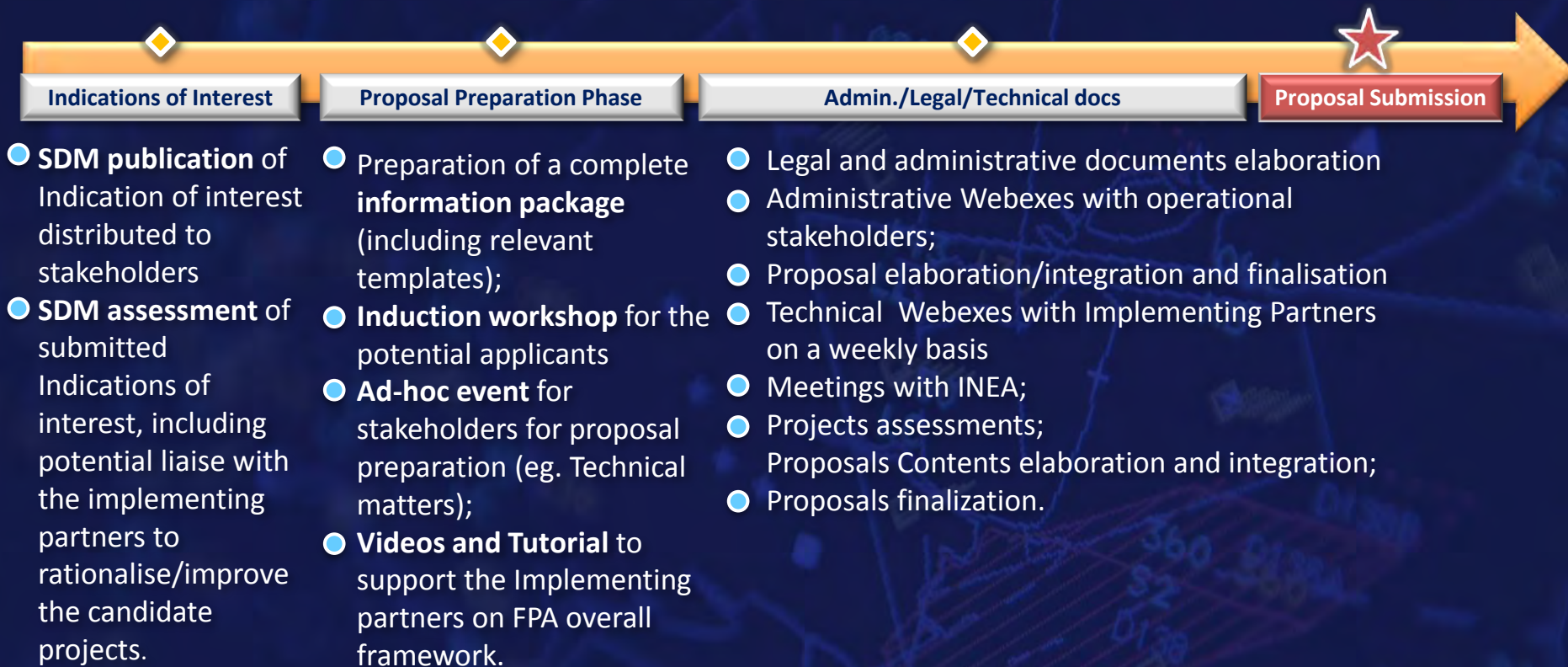
Meetings for dedicated stakeholder groups

- **ANPS - Airspace users - Airports - Military**
- **Regional cross-stakeholder-groups' meetings**
- **Local level meetings & workshops**



SDM information outreach at existing stakeholder meetings and platforms such as operator conferences, company workshops, annual gatherings, regular association meetings...

SDM support to stakeholders coordination to ensure CEF Compliance for CEF Calls 2015



Thank you very much

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!!! 29 October 2015, next SDM information event !!!

Supported by

