2017 CEF Transport SESAR Call

–

SDM Launch Event

18th of October 2017
Brussels, Hotel Bloom

SESAR
DEPLOYMENT MANAGER

LET'S DELIVER TOGETHER

Welcome and Introduction

Massimo Garbini
Managing Director

Agenda

Paola Di Giovanni
FPA Coordination Manager

LET'S DELIVER TOGETHER

Agenda - Launch Event

- ✓ **10:00 - 10:30 Welcome and Introduction**

- ✓ **10:30 - 15:00 2017 CEF Transport SESAR Calls for Proposals**

  - **10:30 - 11:15 Objectives of the 2017 CEF Transport Calls for Proposals**

    - ➢ Funding under CEF Multiannual Work Programme

    - ➢ SESAR Deployment Programme edition 2017

      - ▪ Calls priorities

      - ▪ Zoom on Financial Mechanisms

    - ➢ 11:00 - 11:15 Questions & Answers *(5 min for collecting the questions and 10 minutes for answering)*

  - **11:15 - 15:00 Preparing the proposals under SDM coordination**

    - ➢ Proposal submission process

    - ➢ Structure of the Proposal and respective Application Forms

Agenda - Launch Event

12:15-13:15 Lunch Break

- ➢ Zoom on IP description

- ➢ Zoom on IP Performance Aspects

- ➢ 14:30 - 15:00 Questions & Answers *(10 min for collecting the questions and 20 minutes for answering)*

- • **15:00 - 15:45 Next Steps**

  - ➢ Assessment and evaluation process

  - ➢ SGA preparation and Execution phase

  - ➢ 15:30 - 15:45 Questions & Answers *(5 min for collecting the questions and 10 minutes for answering)*

- ✓ **15:45 - 16:45 Workshops on how to fill in draft IP Description and related Q&A**

- ✓ **16:45 - 17:00 Closure of the meeting**

Objectives of the 2017 CEF Transport SESAR Call for Proposals

Funding under CEF Multiannual Work Programme

Paola Di Giovanni
FPA Coordination Manager

Funding under CEF Multiannual Work Programme 2014-2020

The 2017 CEF Transport SESAR call for proposals opened on 6th of October 2017. **It makes €290 million of EU funding available for projects of common interest in the transport sector in all EU Member States.**

The call for proposals addresses the priority 3.1.1 Single European Sky – SESAR with the aim to support the timely and efficient implementation of the SES, in particular, but not limited to, the deployment of the Single European Sky Air Traffic Management Research and Development project (SESAR).

Actions under this priority may include studies and works which can be submitted under the following 2 categories:

| 1. Common Projects	2. Other Projects
✓ Civil and military IPs deploying ATM functionalities identified in Common Projects, in line with DP	✓ Comprises other projects not included in cat.1 and not to be coordinated by SDM
✓ The Deployment Manager is to act as coordinator in these projects	✓ Contributes to the implementation of the SES by promoting the optimal provision of air navigation services and seamless functioning of the European ATM system
✓ Funding rates: 50% / 20%	
✓ Indicatively, 80% of the funding available under category 1	✓ Funding rates: 50% / 20%
	✓ Indicatively, 20% of the funding available under category 2

SESAR
DEPLOYMENT MANAGER

Funding under CEF Multiannual Work Programme 2014-2020

From Common Project to CEF Transport SESAR Call for Proposals

ATM Master Plan → **Pilot Common Project Reg. (EU) n.716/2014** → **Deployment Programme** → **Implementation Projects**
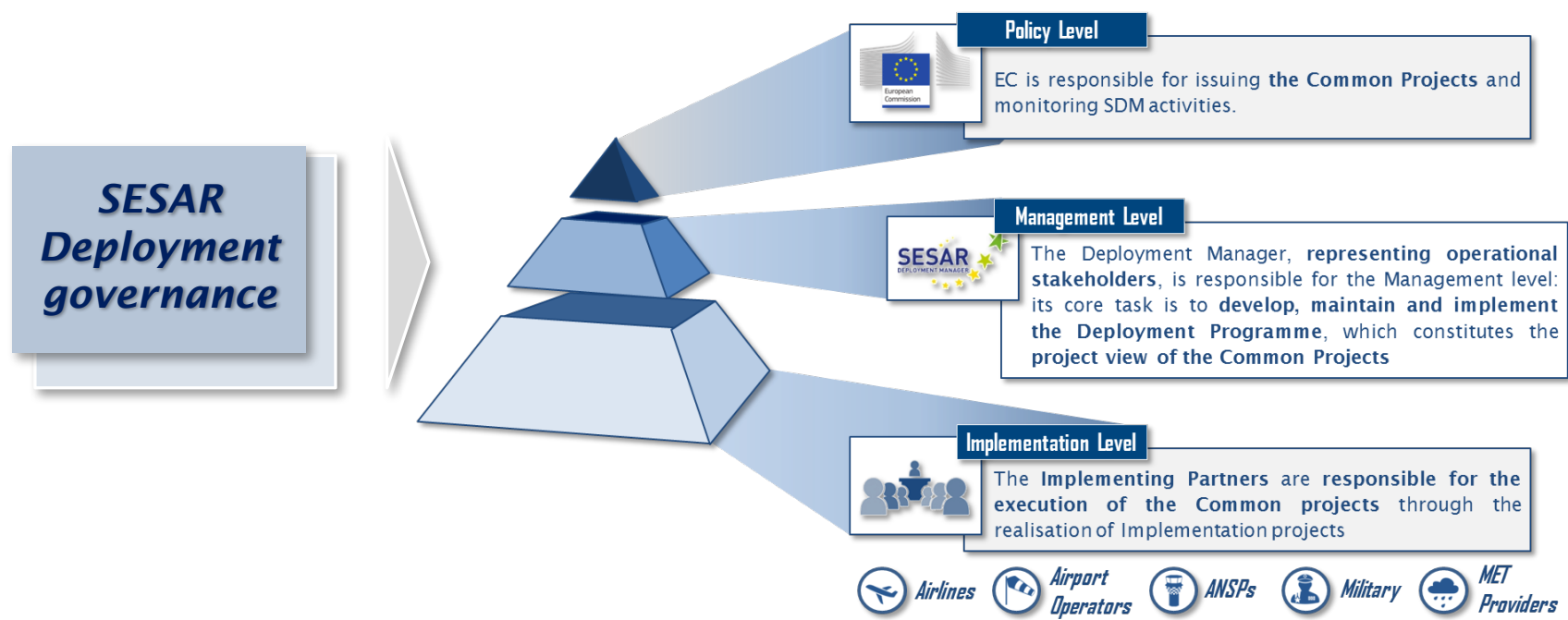
IPs closed (current status)

Under the **SDM coordination 42** (37 of CEF Calls 2014 and 5 of CEF Calls 2015) **Implementation Projects** have been **closed** thanks to the contribution of **33 Implementing Partners**
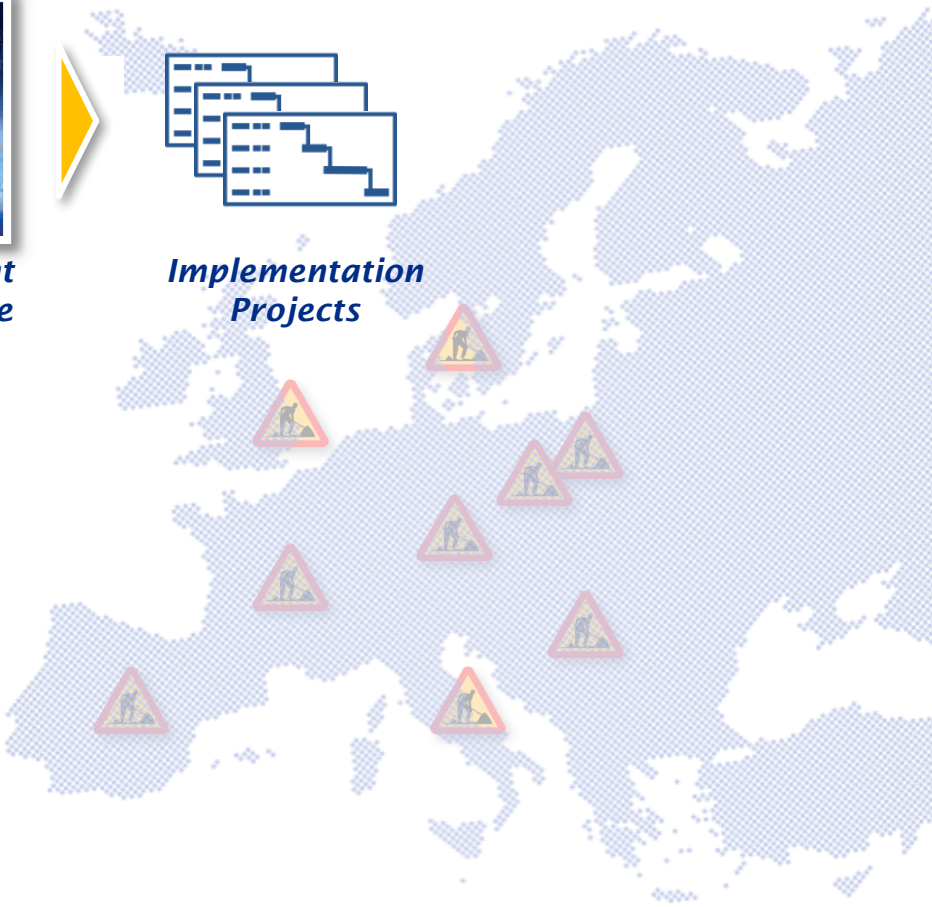
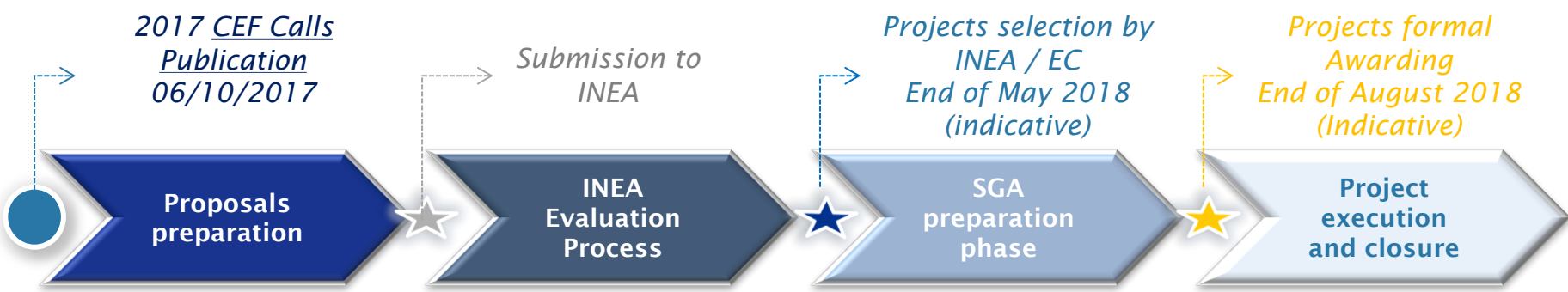# Funding under CEF Multiannual Work Programme 2014-2020
SESAR Deployment Manager

With the IR N.409/2013 a new governance has been established for the SESAR Deployment.

On 5th of December 2014 the SESAR Deployment Alliance has been appointed as the SESAR Deployment Manager (SDM) by the European Commission (EC) to **synchronize** and **coordinate** the **modernization of Europe's air traffic management system**, under the political **oversight** of the **European Commission**.

SESAR Deployment governance

Policy Level

EC is responsible for issuing **the Common Projects** and monitoring SDM activities.

Management Level

The Deployment Manager, **representing operational stakeholders**, is responsible for the Management level: its core task is to **develop, maintain and implement the Deployment Programme**, which constitutes the **project view of the Common Projects**

Implementation Level

The **Implementing Partners** are **responsible for the execution of the Common projects** through the realisation of Implementation projects

Airlines   Airport Operators   ANSPs   Military   MET Providers

Funding under CEF Multiannual Work Programme 2014-2020

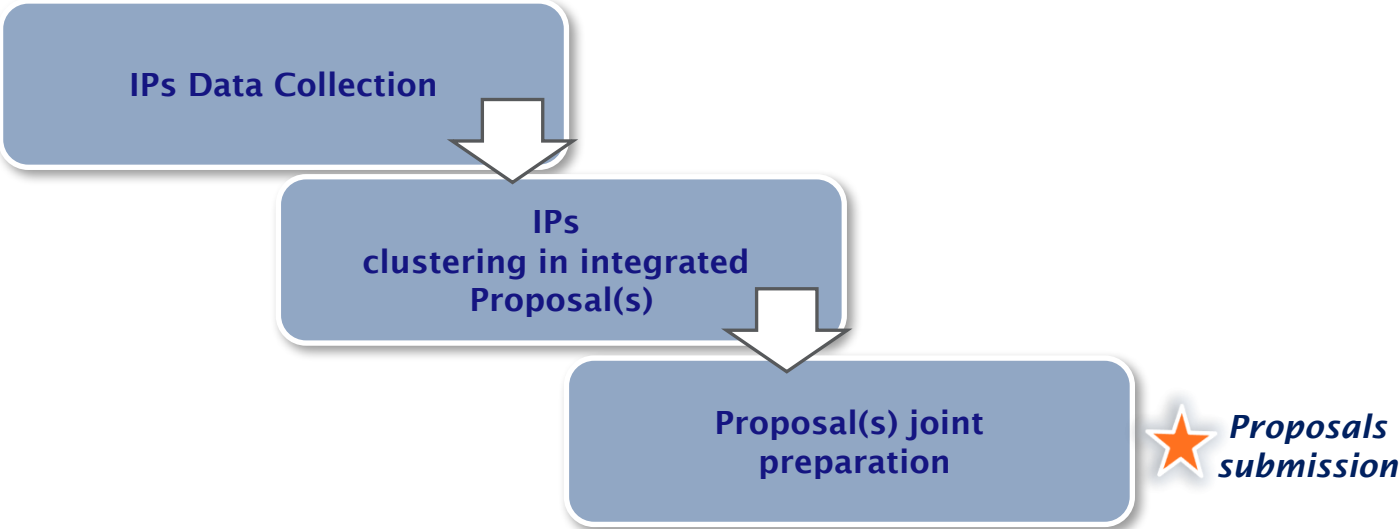2017 CEF SESAR CALL Overall Process: From Proposals preparation to Execution phase

2017 CEF Calls Publication
06/10/2017

Submission to INEA

Projects selection by INEA / EC End of May 2018 (indicative)

Projects formal Awarding End of August 2018 (Indicative)

Proposals preparation → **INEA Evaluation Process** → **SGA preparation phase** → **Project execution and closure**

IPPs Coordinator for PCP related IPs

► **SESAR** DEPLOYMENT MANAGER

Phases in scope

Funding under CEF Multiannual Work Programme 2014-2020

2017 CEF SESAR CALL Logical Flow: From Proposals preparation to Execution phase

Deployment Programme (DP) 2017 released by SDM is the reference and driver of the **technical content for the 2017 CEF Transport SESAR Call for proposals**

TODAY

6th October

18th October

2017 CEF Call Publication

2017 CEF Call Launch Event

SDM supporting the 2017 CEF Transport SESAR Call proposal(s) preparation

IPs Data Collection

IPs clustering in integrated Proposal(s)

Proposal(s) joint preparation

Proposals submission

Funding under CEF Multiannual Work Programme 2014-2020

2017 CEF SESAR CALL - Main roles for proposals preparation: Application

SESAR DEPLOYMENT MANAGER	Applicants
Deployment Programme	**Technical Information**
INEA Eligibility and Evaluation Criteria	**Financial Information**
Completeness of Proposals/Clusters	**Declarations of Compliance to EU Law/Policy**
Call Deadline	**Legal and Administrative Information**

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
The sole reference for PCP implementation and the specifications for CEF Calls

Pilot Common Project
(Reg. EU 716/2014)

WHAT , WHERE and by WHEN has to be deployed
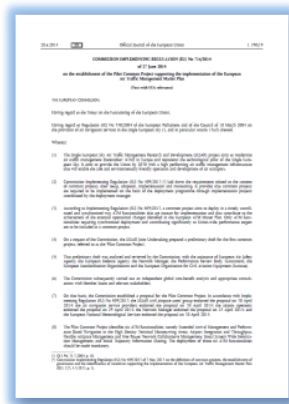
The *project view* to timely and effectively deliver Reg. (EU) n. 716/2014

The blueprint for the investment plans of stakeholders impacted by the PCP

The main reference for proposals addressing Common Projects under CEF Framework

The reporting instrument to track progress in the PCP deployment activities

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Relevant documents to be consulted

SESAR Deployment Programme ▶ Translates the **Pilot Common Project into an operational view**, defining the **48 families of implementation projects** and setting forth the most suitable approach for deployment

Planning View updated yearly ▶ Defines the **most urgent families to be deployed** and includes **all relevant information to draft a Project Proposal** (technical information, standards, guidance material, intermediate milestones to be followed, etc.)

Monitoring View updated yearly ▶ Provides an overarching view on the **status of the PCP deployment**, identifying **implementation gaps** still to be closed and stakeholders to be involved in the deployment activities
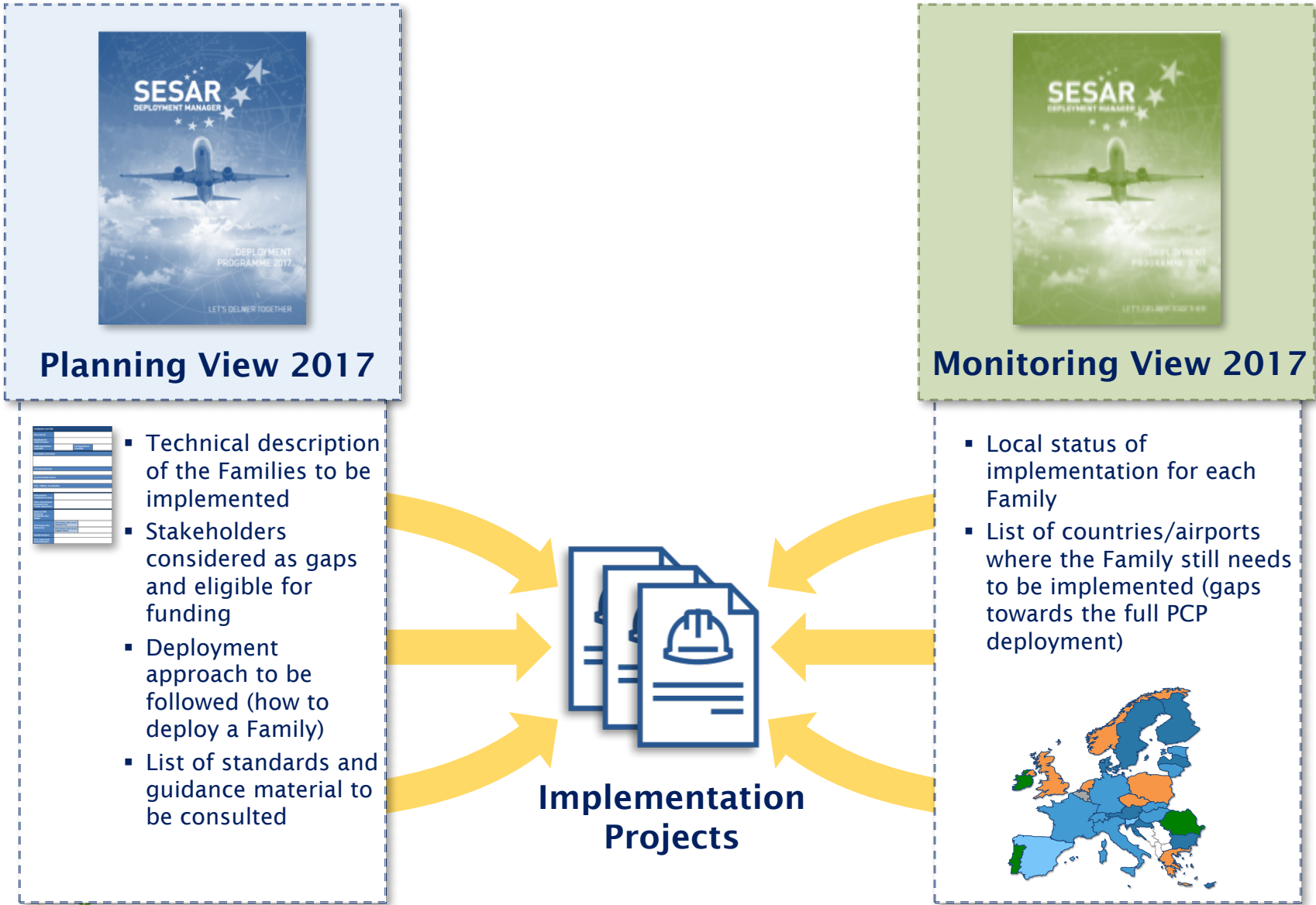
Guidance Material for SDP Implementation

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
What should be checked for the IP Description Preparation

Planning View 2017

- Technical description of the Families to be implemented
- Stakeholders considered as gaps and eligible for funding
- Deployment approach to be followed (how to deploy a Family)
- List of standards and guidance material to be consulted

Implementation Projects

Monitoring View 2017

- Local status of implementation for each Family
- List of countries/airports where the Family still needs to be implemented (gaps towards the full PCP deployment)

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

Using the Planning View as a tool to draft the IP Proposal

Short-Term Deployment Approach per AF

Identifies the **most urgent Families to be addressed** through Implementation Projects, taking into account both their **readiness** and their **role in the deployment of the PCP**

Detailed description for each Family

▶ Illustrate the **technical scope and description** of the families

▶ Lists the **stakeholders to be involved** in the deployment activities

▶ Defines the **most appropriate approach to deploy a Family**, through the definition of **key intermediate steps and milestones** to be achieved in the implementation

▶ Includes **specific recommendations for the preparation of IP proposals**

Annexes – Project's Details and Standards and Regulation Roadmaps

▶ **Annex A** includes all IPs from previous Calls, as an example of successful deployment initiatives

▶ **Annex B** lists ATM MP references, SESAR Solutions and VLDs, Guidance Material, Means of Compliance, Regulations, etc. to be consulted whilst drafting an IP proposal

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Using the Monitoring View as a tool to address the gaps in PCP Implementation

Current Family Implementation Status
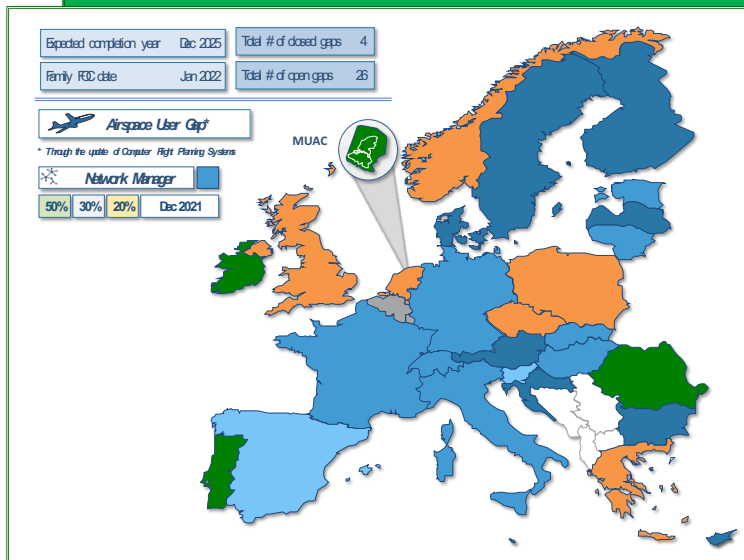
▶ Outlines the **implementation gaps** (at national and/ or airport level) **still to be closed** to complete the deployment of each Family of the Programme

▶ Marks the **current progress in the deployment activities**, identifying the percentage of the gaps which can be **addressed through new initiatives**

Detailed view per local Stakeholder

Identifies **stakeholders to be engaged in the deployment initiatives**, on the basis of the status of their own activities

Appendix - View per State

Provides a **recap of the status of implementation of all families per each State** within the PCP geographical scope, identifying potential gaps in the implementation

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SESAR Deployment Programme and 2017 CEF Transport SESAR Call

2017 CEF Transport SESAR Call main elements

This call for Proposals addresses **priority Single European Sky – SESAR**. Proposals shall be submitted under the **"Common Projects"** or **"Other Projects" categories** defined in the Multi-annual Work Programme.

"Common Projects"

Priority given to proposals submitted for a **subset of Families** identified within the **Deployment Programme**

No funds will be allocated to **proposals for projects** that require the **IOP solution and related standards**

Proposals are coordinated by SDM

"Other projects"

Priority for this category given to specific **actions** as **stated in the Call text** (e.g. airborne infrastructure for the use of SBAS, ADS-B out, etc.)

Proposals do not fall under the competence of SDM

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

2017 CEF Transport SESAR Call – "Common Projects" Category

Available Funding

EUR ~ 230 million

Priority Families

11 Families

Note on eligible applicants*

For British applicants: eligibility criteria must be complied with for the entire duration of the grant. If the United Kingdom withdraws from the EU during the grant period without concluding an agreement with the EU ensuring in particular that British applicants continue to be eligible, you will cease to receive EU funding (while continuing, where possible, to participate) or be required to leave the project on the basis of Article II.16.3.1 (a) (change of the legal situation of the beneficiary) of the grant agreement.

Costs eligibility*

15th March 2018 TBC

31st December 2023

(*) These items are applicable to both "Common Projects" and "Other Projects" categories

SESAR DEPLOYMENT MANAGER

# SESAR Deployment Programme and 2017 CEF Transport SESAR Call
High-level principles for Operational Stakeholders

Follow the optimum sequencing to deploy

Stakeholders are invited to **focus their investments and submissions** on **priority families listed** in the Call and identified as **short-term priorities in the Planning View**, in order to synchronize and push deployment across Europe

Implementation Projects shall be defined to **close one (or more) gaps identified** in the Monitoring View. IPs aiming at **closing specific gaps are recommended**, instead of spreading projects across several gaps without closing any
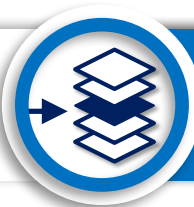
Address the gaps identified in the DP

Target the right timing to implement

As **FOC dates** for specific families are getting closer, it is essential to **submit "the right project in the right Call"**. Investments shall be focused on the **most urgent families**, in order to ensure coherent progress in the deployment

The **systematic partnering of stakeholders into joint initiatives** is highly recommended by SDM, as **multi-stakeholder IPs are beneficial for the overall objectives of deployment** and in the achievement of performance benefits
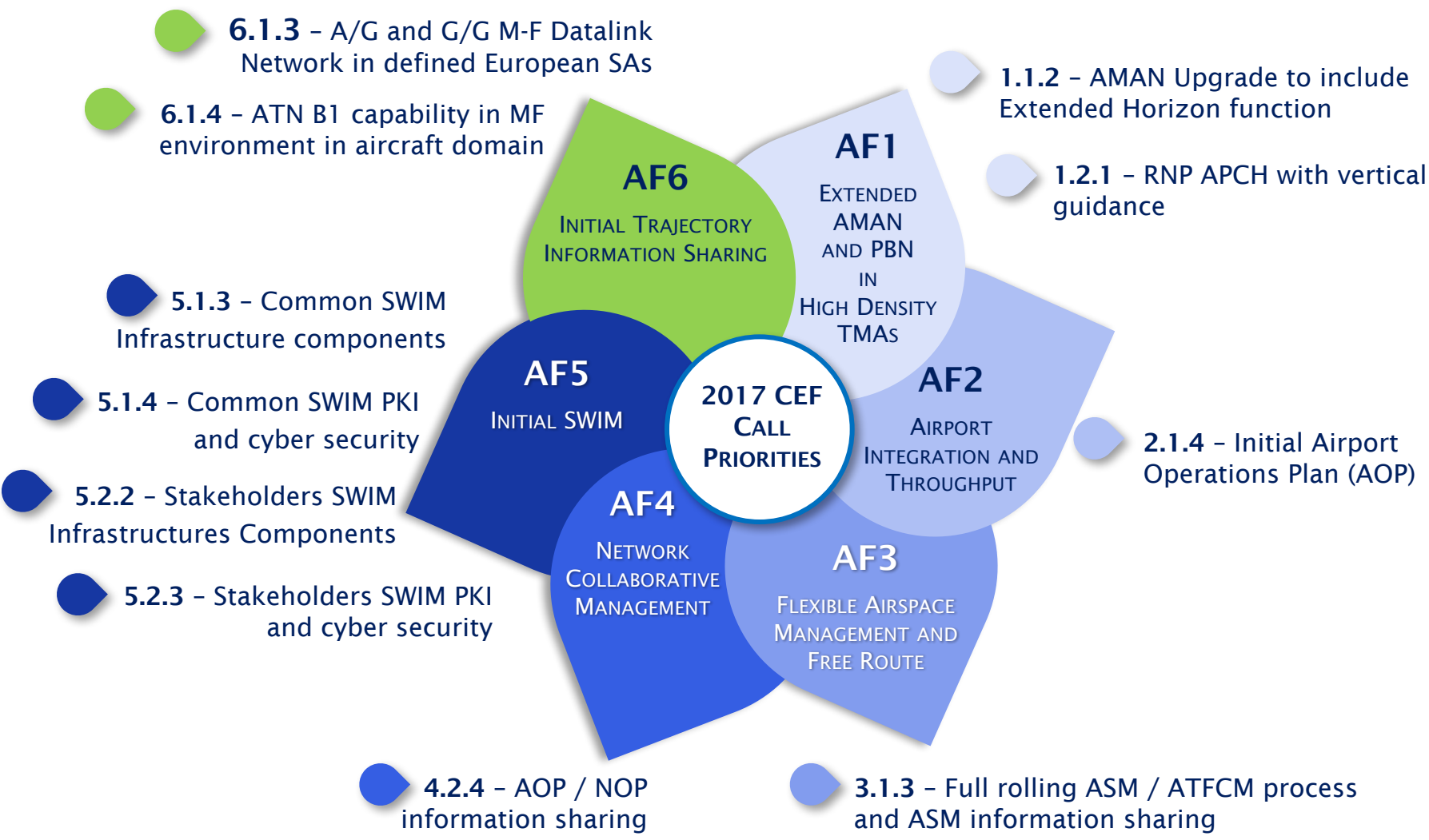
Defragment the implementation

Engage civil and military stakeholders

Civil and military stakeholders are requested to **enhance their cooperation**, in particular where the Planning View identifies military stakeholders to involved in closing implementation gaps. **Joint submissions are recommended**

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Priority Families in the "Common Projects" Category – Overview

6.1.3 – A/G and G/G M-F Datalink Network in defined European SAs

6.1.4 – ATN B1 capability in MF environment in aircraft domain

5.1.3 – Common SWIM Infrastructure components

5.1.4 – Common SWIM PKI and cyber security

5.2.2 – Stakeholders SWIM Infrastructures Components

5.2.3 – Stakeholders SWIM PKI and cyber security

AF6 — INITIAL TRAJECTORY INFORMATION SHARING

AF5 — INITIAL SWIM

AF4 — NETWORK COLLABORATIVE MANAGEMENT

AF3 — FLEXIBLE AIRSPACE MANAGEMENT AND FREE ROUTE

AF2 — AIRPORT INTEGRATION AND THROUGHPUT

AF1 — EXTENDED AMAN AND PBN IN HIGH DENSITY TMAs

2017 CEF CALL PRIORITIES

1.1.2 – AMAN Upgrade to include Extended Horizon function

1.2.1 – RNP APCH with vertical guidance

2.1.4 – Initial Airport Operations Plan (AOP)

4.2.4 – AOP / NOP information sharing

3.1.3 – Full rolling ASM / ATFCM process and ASM information sharing

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SESAR Deployment Programme and 2017 CEF Transport SESAR Call

AF1 – Deployment Programme families listed as a priority in the 2017 Call
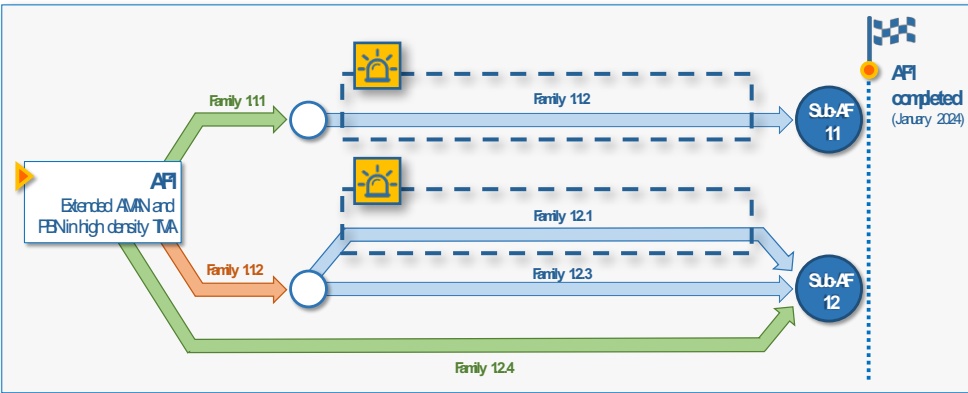
Priority Families in AF1

- **1.1.2** – AMAN Upgrade to include Extended Horizon function

- **1.2.1** – RNP APCH with vertical guidance

Family 1.1.2 – Recommendations for potential candidate Project proposals

Project features

Multi-stakeholder initiatives are recommended, each of them involving ATS units in adjacent en-route sectors.

Stakeholders to be involved

Stakeholders recommended to participate are ANSPs, Airport Operators, and NM

Civil-Military coordination ✔*

FOC Date: Jan 2024

Gaps still to be addressed: 11

Family 1.2.1 – Recommendations for potential candidate Project proposals

Project features

Multi-stakeholders initiatives are recommended at local level, replacing non precision approach procedures with GNSS-based ones.

Stakeholders to be involved

Close cooperation between ANSPs, Airport Operators and AUs is recommended

Civil-Military coordination ✔

FOC Date: Jan 2021

Gaps still to be addressed: 8

(*) Envisaged when military authorities are operational in adjacent en-route sectors

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SESAR Deployment Programme and 2017 CEF Transport SESAR Call
AF1 – Call text focus on Family 1.2.1
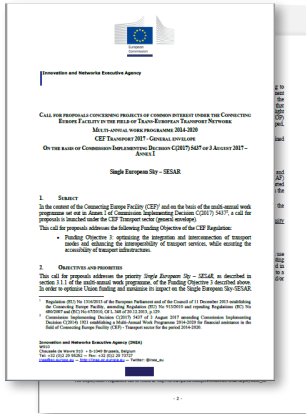
2017 CEF Transport Call Objectives and Priorities

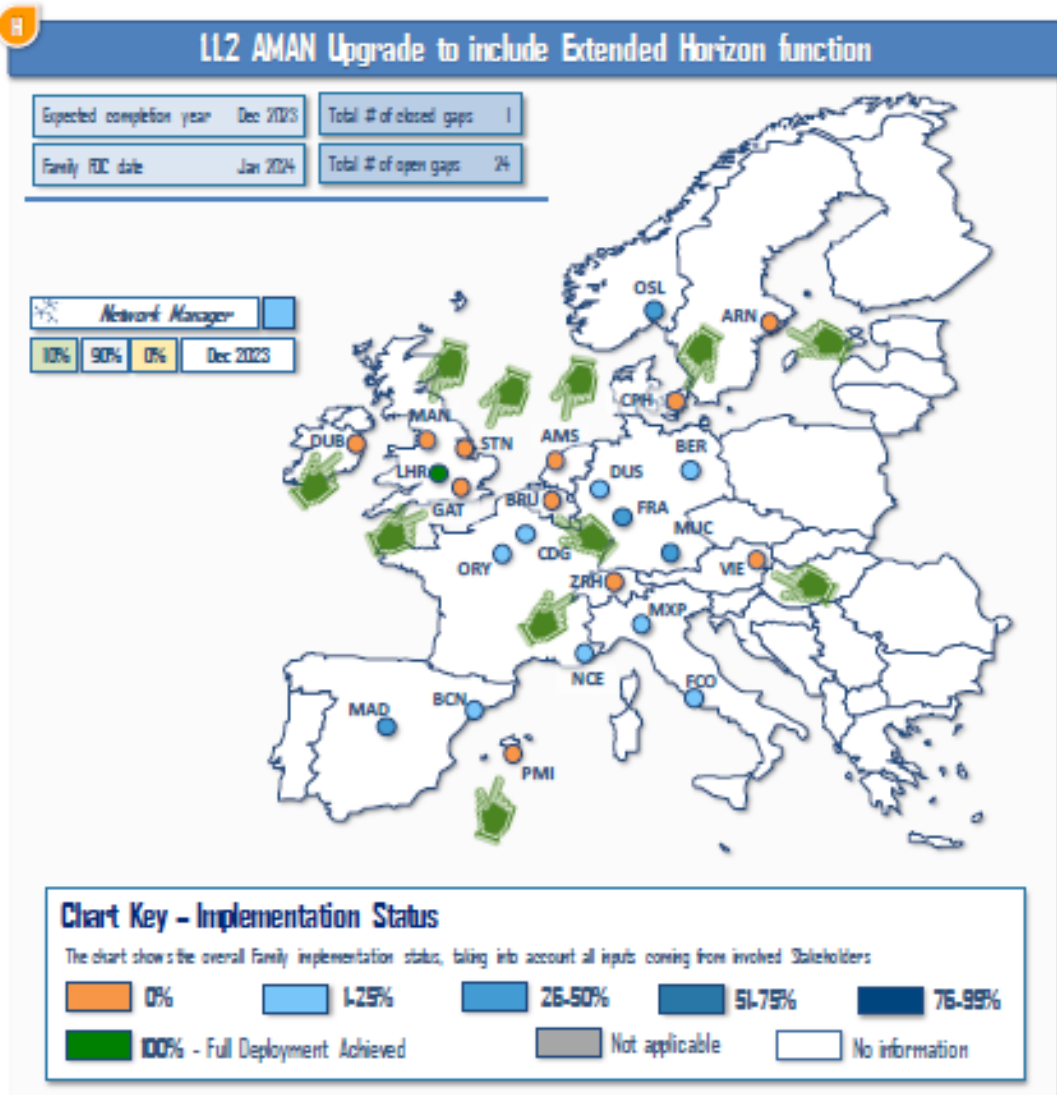| **1.2.1** | **RNP APCH with Vertical Guidance** |

Proposals for implementation projects under this family must support the **design and use of approach procedures (RNP APCH)** and **must include a plan** through which existing **legacy equipment** – if any – used for approaches to those runways **is decommissioned** in accordance with Union law addressing PBN implementation.

Grants will be **limited to a maximum of EUR 25,000 per approach**.

Applications covering several runways and/or airports will be given **priority**.

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Family 1.1.2 – Gaps

LL2 AMAN Upgrade to include Extended Horizon function

Expected completion year	Dec 2023	Total # of closed gaps	1
Family FOC date	Jan 2024	Total # of open gaps	24

Network Manager

10%	90%	0%	Dec 2023

Chart Key – Implementation Status

The chart shows the overall Family implementation status, taking into account all inputs coming from involved Stakeholders

0%	1-25%	26-50%	51-75%	76-99%

100% - Full Deployment Achieved	Not applicable	No information

Main gaps to be timely addressed

- ➤ Amsterdam Schiphol
- ➤ Brussels National
- ➤ Copenhagen Kastrup
- ➤ Dublin Airport
- ➤ London Gatwick
- ➤ London Stansted
- ➤ Manchester Ringway
- ➤ Palma de Mallorca
- ➤ Stockholm Arlanda
- ➤ Vienna Schwechat
- ➤ Zurich Kloten

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

Family 1.2.1 – Gaps

1.2.1 RNP APCH with vertical guidance

Expected completion year	Dec 2023
Family FOC date	Jan 2021
Total # of closed gaps	5
Total # of open gaps	19

Airspace User Gap*

* Through the update of Computer Flight Planning Systems

Chart Key – Implementation Status

The chart shows the overall Family implementation status, taking into account all inputs coming from involved Stakeholders

0%	1-25%	26-50%
51-75%	76-99%	
100% - Full Deployment Achieved	Not applicable	No information

Main gaps to be timely addressed

- Amsterdam Schiphol
- Barcelona El Prat
- Berlin Brandenburg Airport
- Copenhagen Kastrup
- London Heathrow
- Madrid Barajas
- Manchester Ringway
- Stockholm Arlanda

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

AF2 – Deployment Programme families listed as a priority in the 2017 Call
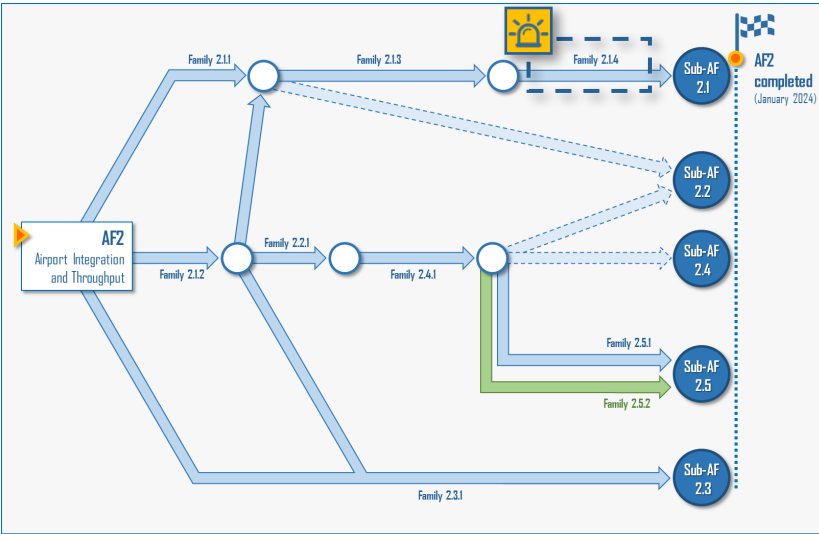
Priority Families in AF2

2.1.4 – Initial Airport Operations Plan (AOP)

Family 2.1.4 – Recommendations for potential candidate Project proposals

Project features
Multi-stakeholder initiatives are recommended at local level, in order for all airport stakeholders to have available a common and collaboratively agreed rolling plan

Stakeholders to be involved
For each airport, a coordinated action multi Airport Operator / ANSP, with the involvement of Airspace Users would be highly recommended

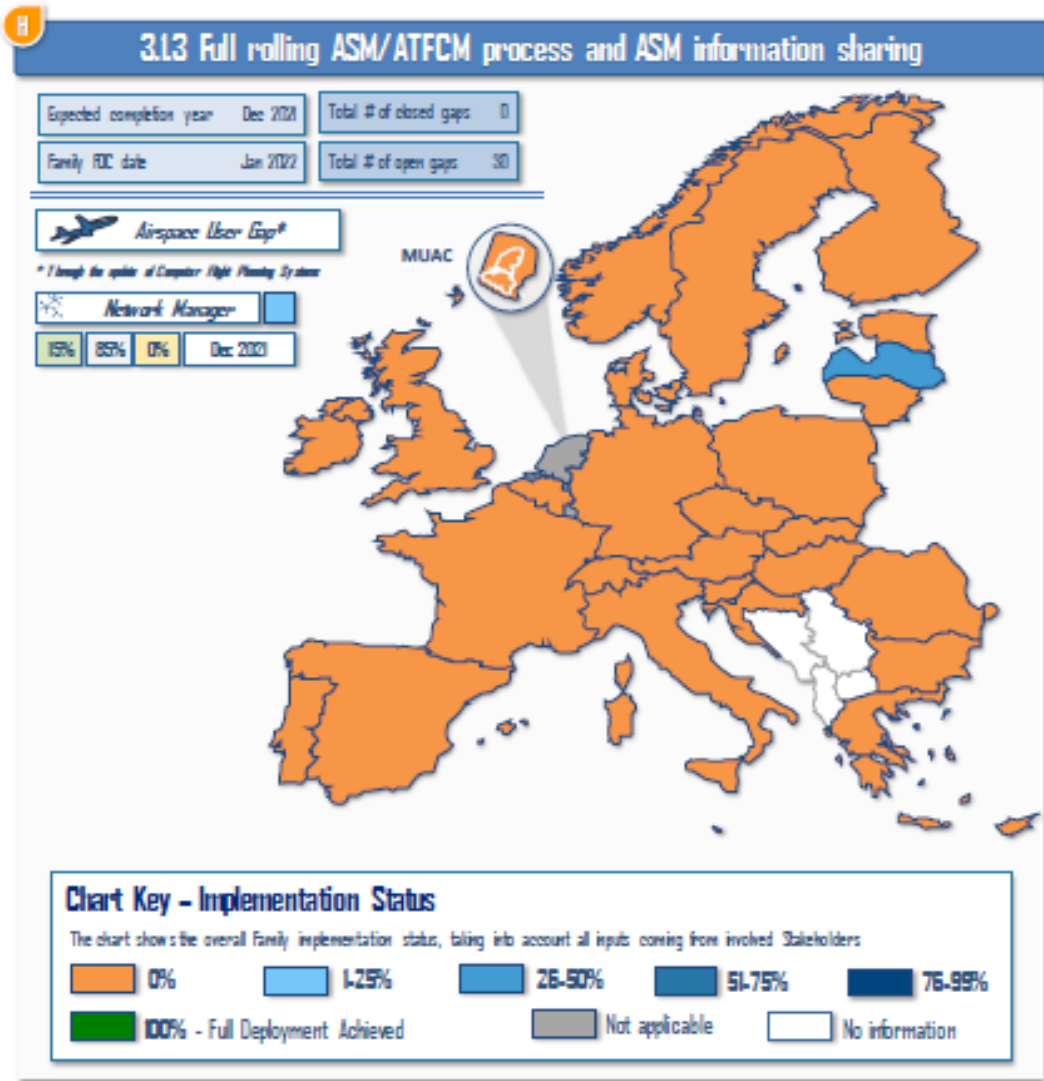**Civil-Military coordination** ✔   **FOC Date: Jan 2021**   **Gaps still to be addressed: 21**

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
*Family 2.1.4 – Gaps*

Main gaps to be timely addressed

The implementation of the Family should be timely **addressed by all Airports** which do not yet have accomplished any tangible result toward the deployment of the Initial Airport Operations Plan

SDM will support and facilitate the regrouping of airports with a gap in a single project
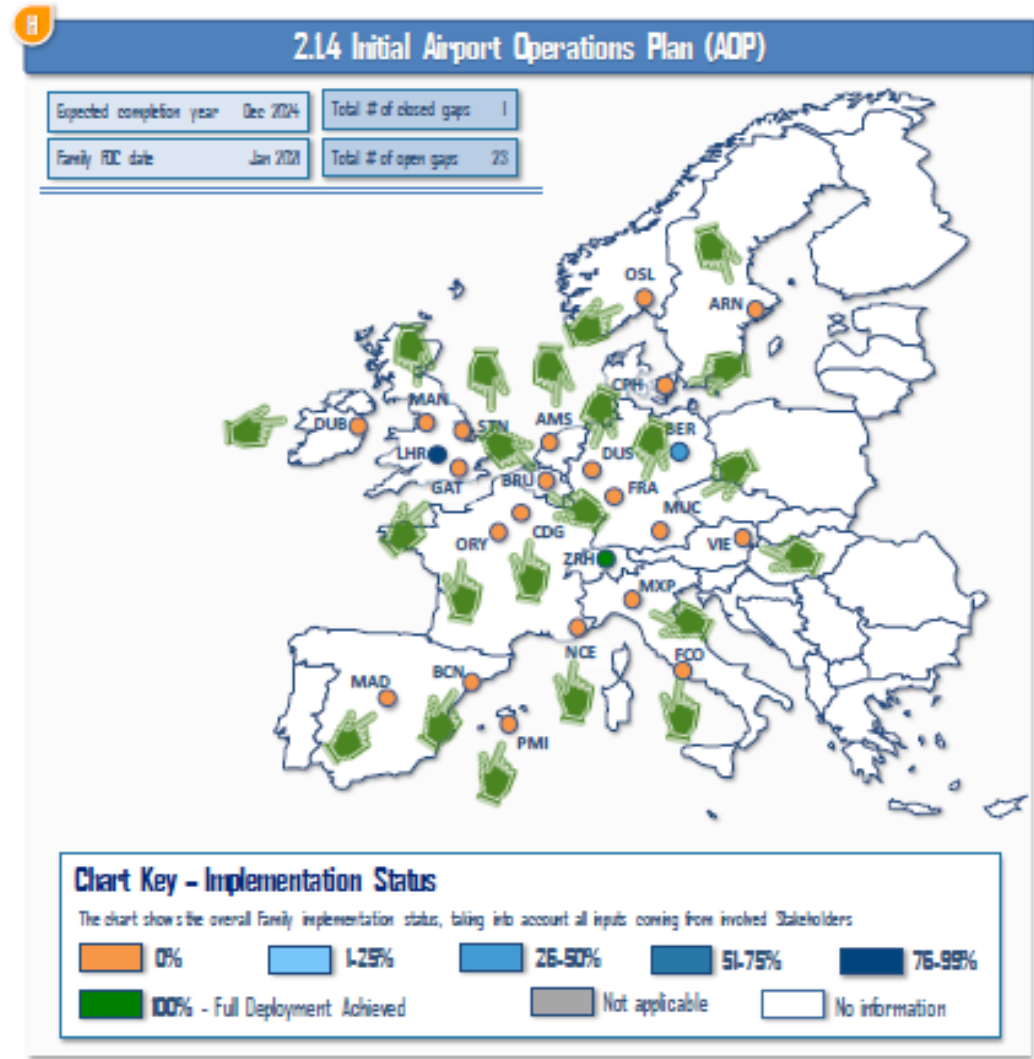
SESAR Deployment Programme and 2017 CEF Transport SESAR Call
AF3 – Deployment Programme families listed as a priority in the 2017 Call
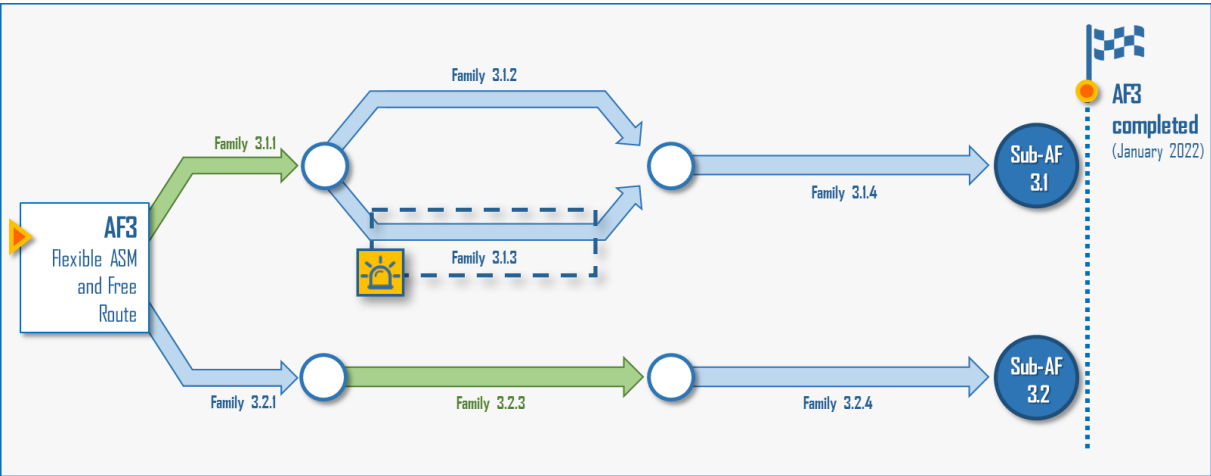
Priority Families in AF3

3.1.3 – Full rolling ASM / ATFCM process and ASM information sharing

▶ Family 3.1.3 – Recommendations for potential candidate Project proposals

Project features

Multi-stakeholder initiatives are recommended at least at State level (or FAB), in order to ensure efficient ASM/ATM processes based on up to date information

Stakeholders to be involved

Coordination between ANSPs and the Military Authorities (especially for the ASM processes) is highly recommended, also ensuring the involvement of the Network Manager

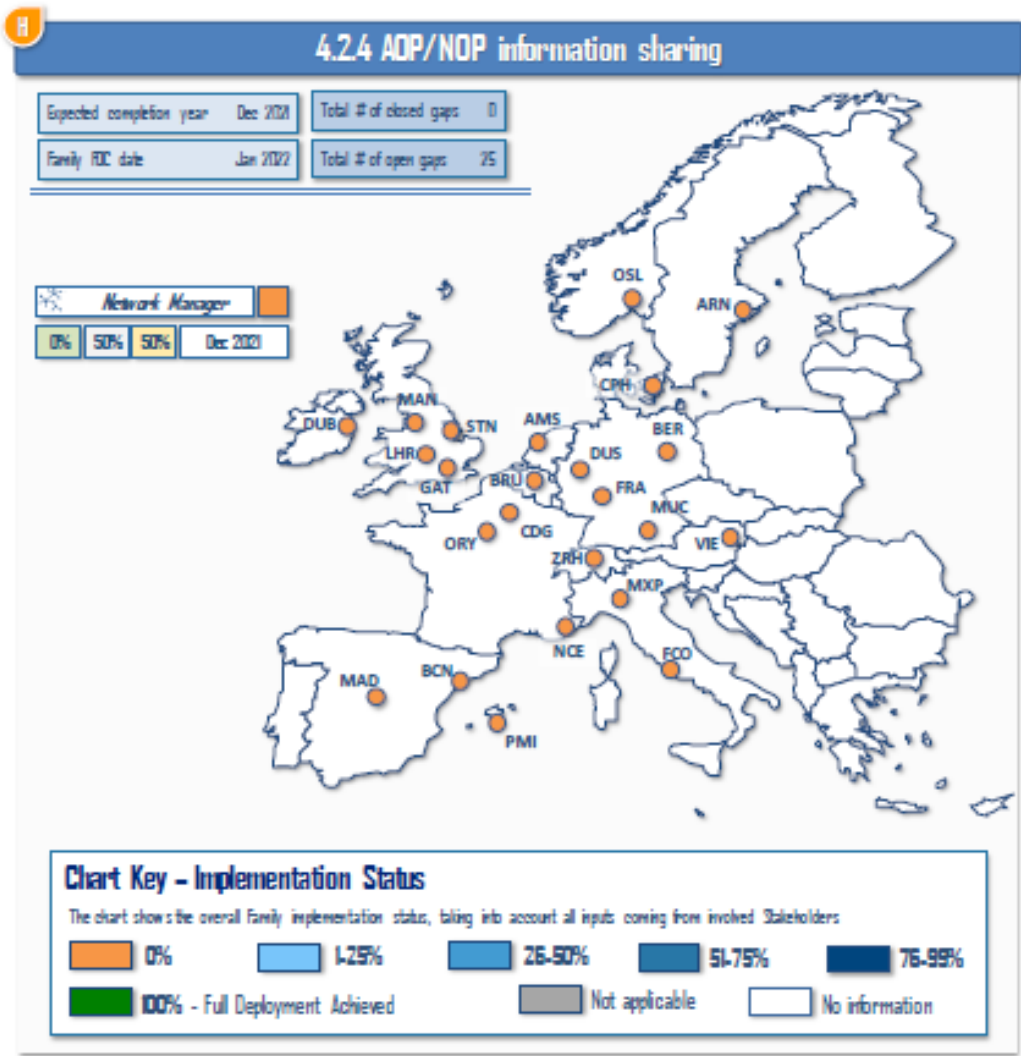**Civil-Military coordination** ✔   **FOC Date: Jan 2022**   **Gaps still to be addressed: 28**

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Family 3.1.3 – Gaps

3.1.3 Full rolling ASM/ATFCM process and ASM information sharing

Expected completion year	Dec 2021
Family FOC date	Jan 2022
Total # of closed gaps	0
Total # of open gaps	30

Airspace User Gap*

* Through the update of Computer Flight Planning Systems

Network Manager

| 15% | 85% | 0% | Dec 2021 |

MUAC

Chart Key – Implementation Status

The chart shows the overall Family implementation status, taking into account all inputs coming from involved Stakeholders

- 0%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- 100% - Full Deployment Achieved
- Not applicable
- No information

Main Gaps to be timely addressed

The implementation of the Family should be timely **addressed by all Countries (**except for the non applicable ones) as no gap has been closed yet

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
AF4 – Deployment Programme families listed as a priority in the 2017 Call
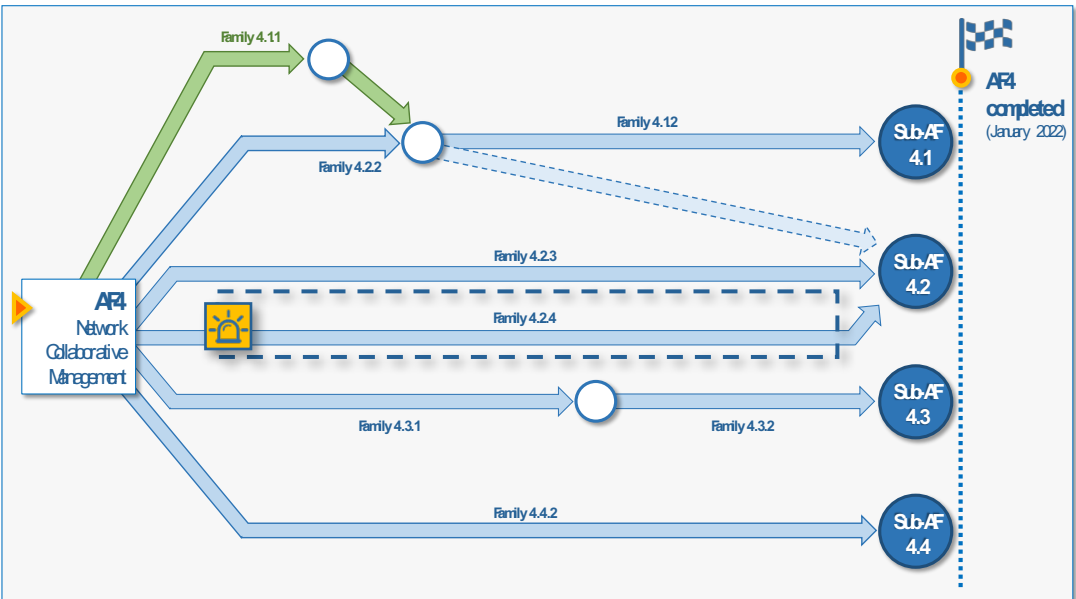
Priority Families in AF4

🔵 **4.2.4** – AOP / NOP information sharing

▶ **Family 4.2.4 – Recommendations for potential candidate Project proposals**

Project features
A multi-stakeholder initiative is recommended in order to ensure the provision of a rolling picture of the network situation, for stakeholders to prepare their plans and inputs to the network CDM processes

Stakeholders to be involved
Close cooperation between the Airport Operators and the Network Manager is higly recommended, thus enabling data exchange

Civil-Military coordination ❌   🏁 **FOC Date: Jan 2022**   👉 **Gaps still to be addressed: 25**

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Family 4.2.4 – Gaps

4.2.4 AOP/NOP information sharing

Expected completion year	Dec 2021	Total # of closed gaps	0
Family FOC date	Jan 2022	Total # of open gaps	25

Network Manager

| 0% | 50% | 50% | Dec 2021 |

Chart Key – Implementation Status

The chart shows the overall Family implementation status, taking into account all inputs coming from involved Stakeholders

0%	1-25%	26-50%
51-75%	76-99%	
100% - Full Deployment Achieved	Not applicable	No information

Main Gaps to be timely addressed

The implementation of the Family should be timely **addressed by all PCP Airports,** as the integration with NOP has not been completed in any of the airports

Stakeholders are requested to **submit IPs associated to the current initiatives addressing Family 4.2.4**, NM strong involvement is necessary.

- **2015_113_AF4 – AOP-NOP integration**

- **2016_131_AF4 – AOP-NOP integration (extended implementation)**

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

AF5 – Deployment Programme families listed as a priority in the 2017 Call
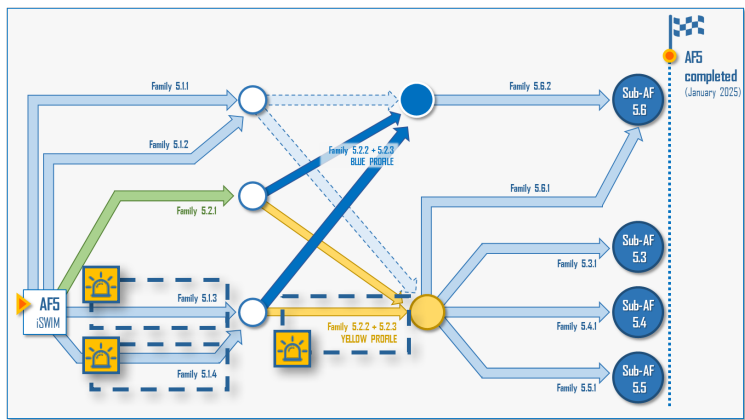
Priority Families in AF5

- **5.1.3** – Common SWIM Infrastructure components
- **5.1.4** – Common SWIM PKI and cyber security
- **5.2.2** – Stakeholders SWIM Infrastructures components
- **5.2.3** – Stakeholders SWIM PKI and cyber security

Family 5.1.3 – Recommendations for potential candidate Project proposals

Project features

The multi-stakeholder implementation initiative for the deployment of SWIM Governance is already on-going

Stakeholders to be involved

All Stakeholders not yet involved in the initiative are recommended to participate

Civil-Military coordination ✔

FOC Date: Jan 2025

☞ Gaps still to be addressed: N/A

Family 5.1.4 – Recommendations for potential candidate Project proposals

Project features

An EU-wide initiative is strongly recommended in order to establish common procedures and policies for PKI

Stakeholders to be involved

Close cooperation between all Stakeholders is recommended, including Military

Civil-Military coordination ✔

FOC Date: Jan 2025

☞ Gaps still to be addressed: N/A

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Project objectives to cover Family 5.1.4 Common PKI and Cyber Security

Identify business objectives

- Information to be exchanged and business impact if compromised
- Properties of information to be exchanged
- International data exchange (e.g. FAA)
- Trustworthiness on business level

Develop overall architecture

- Define trust models/structure supporting the identified business objectives
- Identify minimum requirements for the technical tools and how to use the tools
- Define content of certificates

Develop policies / standards / legal framework

- Match business objectives and policies with technical solutions
- Define legal and organizational framework

PKI implementation supported by cyber security defenses

- Define minimum cyber security objectives and requirements for Common PKI service(s)
- Define minimum cyber security objectives and requirements for PKI clients

Develop guidance material

- Develop guidance material to support SWIM Service Provider
- Develop guidance material to support SWIM Service Consumers

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

AF5 – Deployment Programme families listed as a priority in the 2017 Call
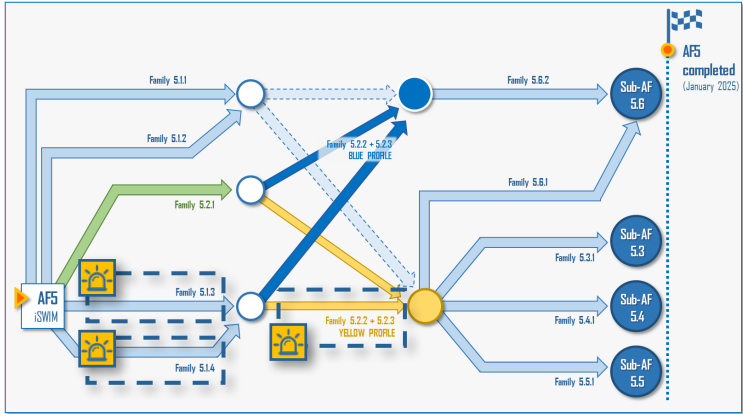
Priority Families in AF5

- **5.1.3** – Common SWIM Infrastructure components
- **5.1.4** – Common SWIM PKI and cyber security
- **5.2.2** – Stakeholders SWIM Infrastructures components
- **5.2.3** – Stakeholders SWIM PKI and cyber security

Families 5.2.2 and 5.2.3 – Recommendations for potential candidate Project proposals

Project features

Stakeholders are highly recommended to submit proposals for local implementation initiatives, and in particular to focus on Family 5.2.2 due to its level of readiness

Stakeholders to be involved

Coordination between ANSPs, Airport Operators, Airspace Users, the Network Manager, the Military Authorities and the MET Service Providers is recommended

Civil-Military coordination ✓   **FOC Date: Jan 2025**   Gaps still to be addressed: 32

SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Family 5.2.2 and 5.2.3 – Gaps
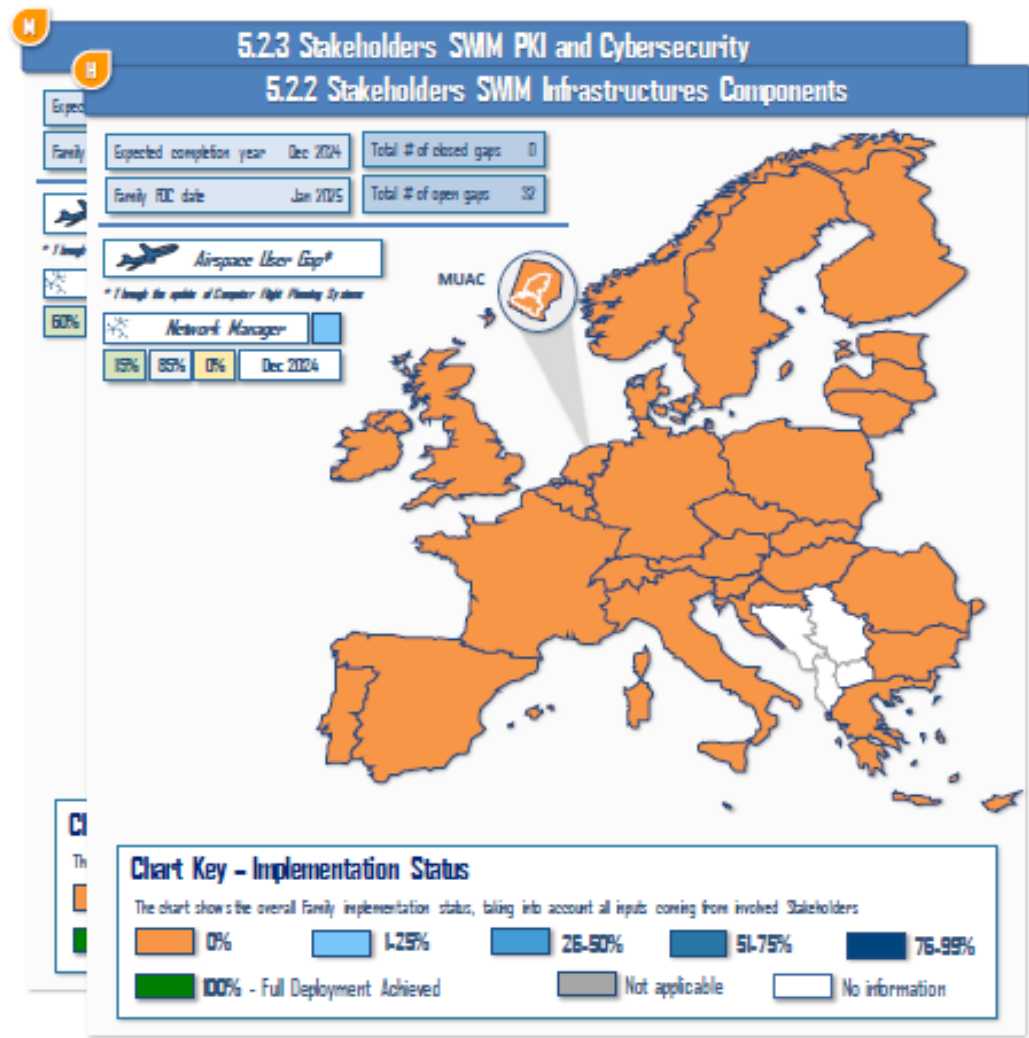
Main Gaps to be timely addressed

The implementation of both Families should be timely **addressed by all Countries in the PCP geographical scope,** as no gap has been closed yet

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

AF6 – Deployment Programme families listed as a priority in the 2017 Call
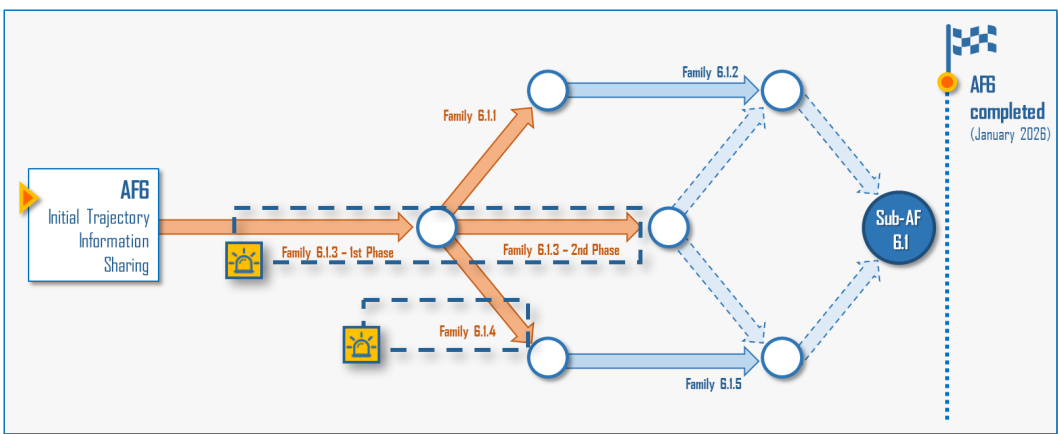
Priority Families in AF6

- **6.1.3** – A/G and G/G M-F Datalink Network in defined European SAs

- **6.1.4** – ATN B1 capability in MF environment in aircraft domain

| ▷ **Family 6.1.3 – Recommendations for potential candidate Project proposals**	▷ **Family 6.1.4 – Recommendations for potential candidate Project proposals**
Project features Continuing the work started under the DLS Recovery plan	**Project features** Airborne initiative for which coordination between Stakeholders is welcome, but not strictly required
Stakeholders to be involved Coordination envisaged between ANSPs and CSPs	**Stakeholders to be involved** Civil Airspace Users and Military Airspace Users (when required)
Civil-Military coordination ✔	**Civil-Military coordination** ✘
FOC Date: Dec 2022	**FOC Date: Feb 2020**

SESAR Deployment Programme and 2017 CEF Transport SESAR Call

AF6 – Call text focus on DLS Families
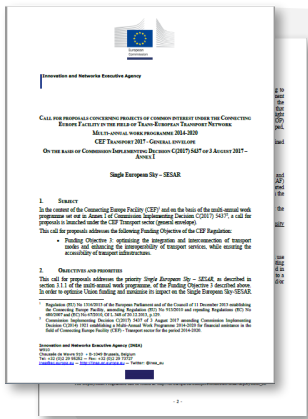
2017 CEF Transport Call Objectives and Priorities

"[…] the Commission aims at continuing the implementation of the **Datalink (DLS) Recovery Plan developed by the SESAR Deployment Manager**. Consequently, priority will be given to **implementation projects aiming to implement datalink capability** in support to AF6 Initial Trajectory Information Sharing. These projects shall be **implemented in accordance with the DLS Recovery Plan**
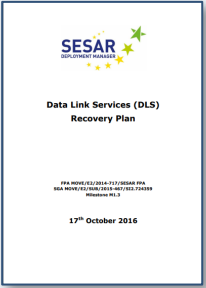
6.1.3 — Air/Ground and Ground/Ground Multi-Frequency Datalink Network in defined European Service Areas

Considering the provisions in the Reg. (EU) No 310/2015, in particular the deadline for ground implementation by February 5th, 2018, the priority is to **finalize the definition and initiate the implementation of the Model D**.

Consequently, proposals for implementation projects aiming at **implementing Model B or Model C Multi-Frequency will NOT be eligible** under the present call for proposals.

Furthermore, applicants are invited to **join their efforts within a limited number of implementation projects**.
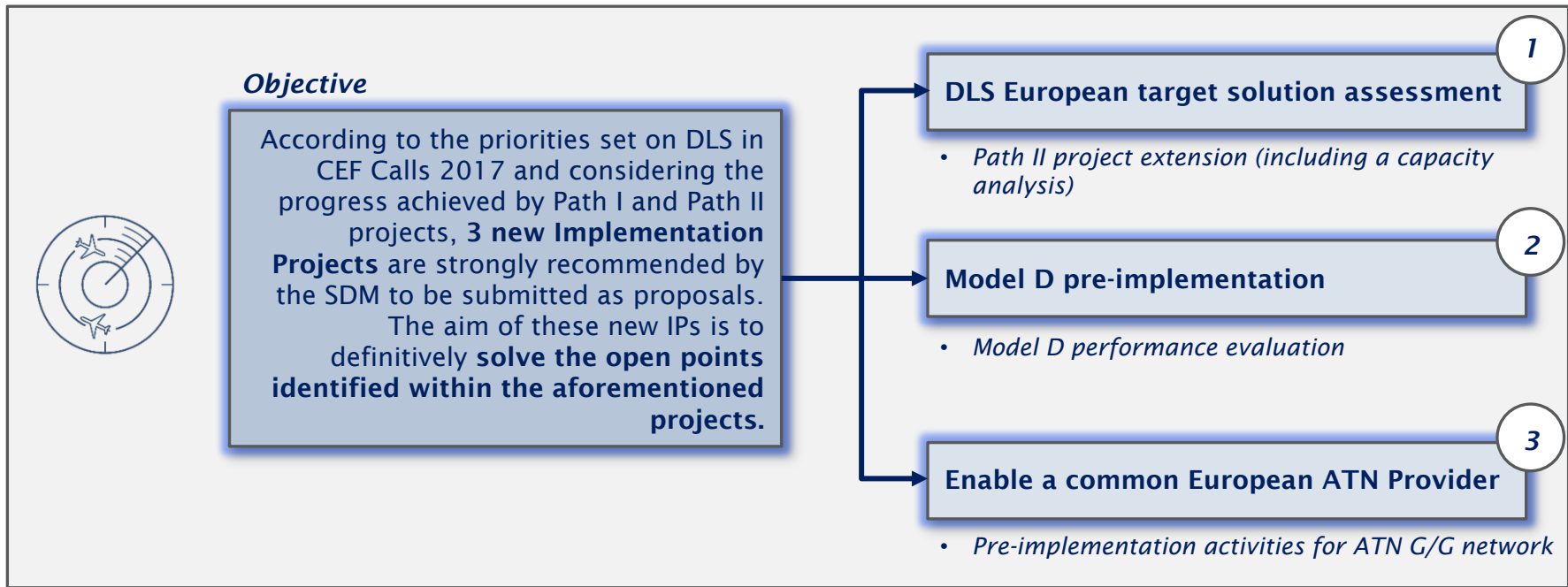
6.1.4 — ATN B1 capability in MF environment in aircraft domain

Under this Family, priority will be given to **implementation projects aiming to fit or retrofit aircraft with DLS avionics**, as identified in the DLS recovery plan.
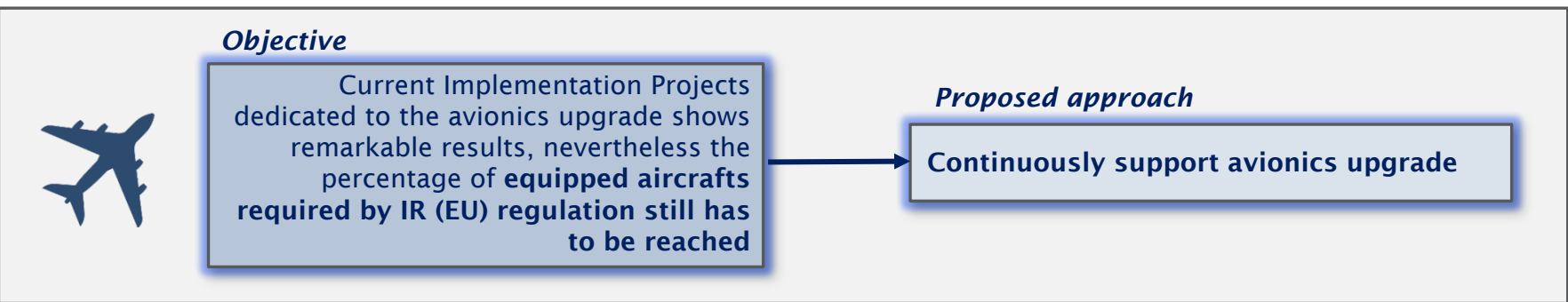
SESAR Deployment Programme and 2017 CEF Transport SESAR Call
Strategy to tackle AF6 Implementation, according to DLS Recovery Plan

Ground Domain - Families 6.1.3

Objective

According to the priorities set on DLS in CEF Calls 2017 and considering the progress achieved by Path I and Path II projects, **3 new Implementation Projects** are strongly recommended by the SDM to be submitted as proposals. The aim of these new IPs is to definitively **solve the open points identified within the aforementioned projects.**

1 **DLS European target solution assessment**

- *Path II project extension (including a capacity analysis)*

2 **Model D pre-implementation**

- *Model D performance evaluation*

3 **Enable a common European ATN Provider**

- *Pre-implementation activities for ATN G/G network*

Airborne Domain – Family 6.1.4

Objective

Current Implementation Projects dedicated to the avionics upgrade shows remarkable results, nevertheless the percentage of **equipped aircrafts required by IR (EU) regulation still has to be reached**

Proposed approach

Continuously support avionics upgrade

Zoom on Financing Mechanisms

Antoine Hottelart

Head of Performance and Financial Sustainability

Zoom on Financing Mechanisms
CEF Context

▶ **EC has requested the SDM to work out financing mechanisms to supplement grants :**

- Financial instruments are an integral part of the CEF Regulation (EU) 1316/2013 in particular Art 14.2 & 15.4

- Grants may well reduce in the future (ref Brexit, security threats)

- The Blending Call 2017 was oversubscribed (X2) in areas such as Core Network Corridors (1450 M€ requested), Rail (400 M€), Innovation and New Technologies (200 M€)

- SESAR produced 2 projects (out of 68) for 18 M€ (out of 40 M€)

▶ **Consequently, SESAR Call 2017 now pushes for the use of financial instruments specifically designed for ATM:**

"Moreover, the European Investment Bank (EIB) is collaborating closely with the SESAR Deployment Manager to support the deployment of Common Projects. Applicants are encouraged to explore through this collaboration the possibilities offered by EIB to provide tailored financing products to all aviation stakeholders. "

Zoom on Financing Mechanisms
2017 CEF Call : a Test Case for Airspace Users

- **Under PCP, airspace users have not so far benefitted much from grants. The next Common Projects shall be more "airborne oriented".**

- **Airspace Users are limited to 20% funding by grants.**

- **Innovative financing would bridge operational benefits (when ground investments are achieved) and repayments.**

- **SDM will support Airspace Users (including small operators) to team up and reach critical mass.**

Zoom on Financing Mechanisms
Pre-conditions and expectations

Pre-conditions

- Minimum amount for a direct EIB loan: EUR 25 million

- EIB's contribution is limited to a maximum of 50% of the project value

- EU grants plus EIB financing is limited to a certain percentage of the project (70% in best case)

Expectations

- Obtain flexible and customised reimbursement profiles ("Grace Delay")

- Secure attractive interest rates

- Despite EIB limitation, reach 100% project financing

- Ideal target for Test Case : around EUR 100 million of investment

44

Zoom on Financing Mechanisms
Candidate functionalities

Criteria to be looked after for Airborne projects :

- **Maturity**
- **Mandate for deployment**
- **Airborne vs. ground time match**
- **Critical mass**

Under such criteria :

- **ADS-B OUT is most promising candidate, however not part of the PCP**

Other functionalities potentially <u>meeting the required criteria and included in PCP</u> :
    - ATN B1 (retrofit) and ATN B2 (forward fit)
    - SBAS (part of AF1 family)

- **Functionalities that will be addressed under future Calls (maturity issue):**
        - SATCOM to support ATN
        - GBAS Cat. 2/3

Zoom on Financing Mechanisms
Structuring the detailed financial instruments

- **Working out the detailed contents of the selected financing scheme in time for signature of agreements (July/August 2018)**

- **Identify which instruments beat "off-the-shelf" products in terms of availability, pricing and fitness for purpose**

- **Describe the legal structures, sources of funds, cash-flows, risk management**

- **Define the detailed roles of each party :**
    - **European Commission**
    - **EIB**
    - **Private banks**
    - **Airspace Users**
    - **Manufacturers ?**
    - **SDM has the skills to support the Test Case**

A dedicated workshop will take place to support the set-up of the Test Case (identity of carriers, number of aircraft, value of the investment…) shortly after the November 13th IP submission

Questions & Answers

Preparing the proposals under SDM coordination

Process for submission of the proposals

Paola Di Giovanni
FPA Coordination Manager

Freek de Witte
Head of Stakeholder Relations

Process for the submission of the proposals
Introduction

In order to properly elaborate the proposals **to the 2017 CEF Transport SESAR Call for Proposals**, each Applicant shall provide SDM with all technical and financial information and all administrative documents requested for the proposals submission.

SDM acts as "Coordinator" of all Applicants' and it is in charge of finalising all the proposal documentation (Part A; Part B; Part C and Part D), required by INEA, on the basis of the information provided by each Applicant.

Technical and Financial

- PART A
- PART D

Administrative

- PART A
- PART B
- PART C
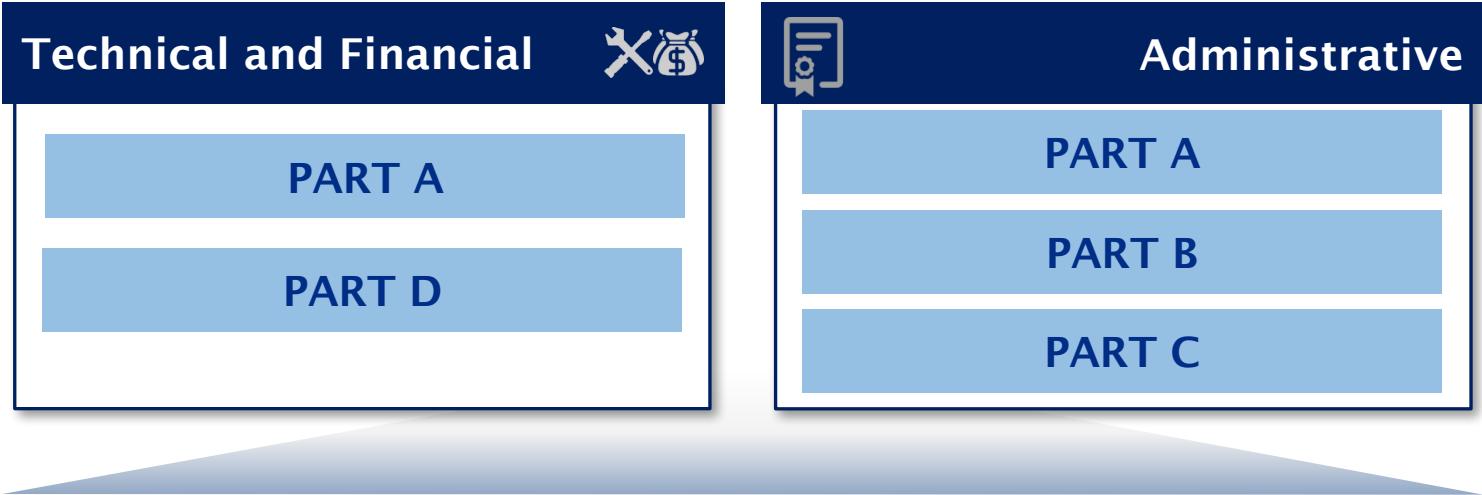
Applicants

Process for the submission of the proposals

High level processes (1/2)

The **Technical and Financial part of the Proposal, built through 3 iterations between SDM and Applicants, will be elaborated on the basis of the IP Descriptions submitted by the Applicants on STAR tool.**

The finalisation of the Technical part will also be based on the contributions received by the **Applicants to the "Other Impacts" section** included the IP Descriptions (on STAR tool).

As indicated in the Section 8 – Annex I of Multi-annual work-programme (Award Criteria), "Impact" is one of the four criteria which, not only the proposal, but each single project will be evaluated on. For this reason, SDM would like to stress the importance of providing as much information on "Other Impacts" as possible.
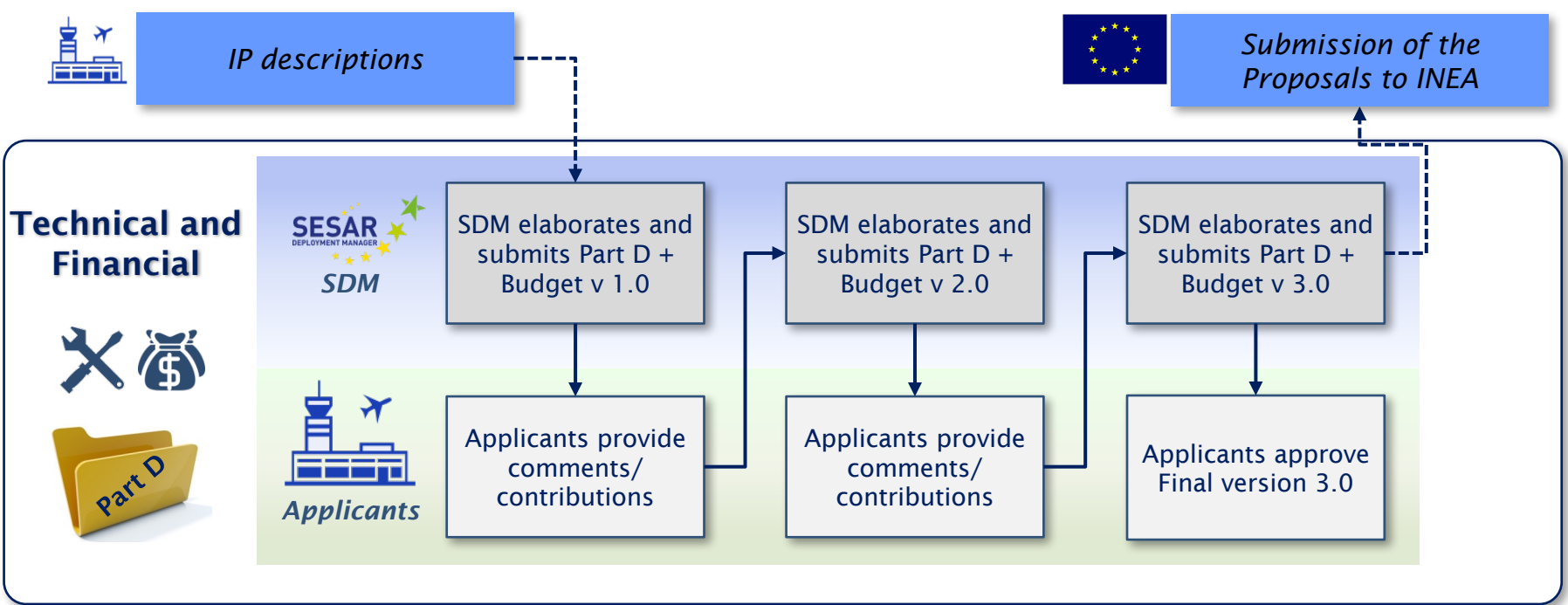
Process for the submission of the proposals
High level processes (2/2)

- Administrative documentation will be elaborated **through bilateral communication/feedback between Applicants and SDM.**

- **Bilateral communications** will enable a **continuous support to Applicants** in order to **guarantee the finalisation of the data set** of documentation within the deadlines as per the Administrative Roadmap.
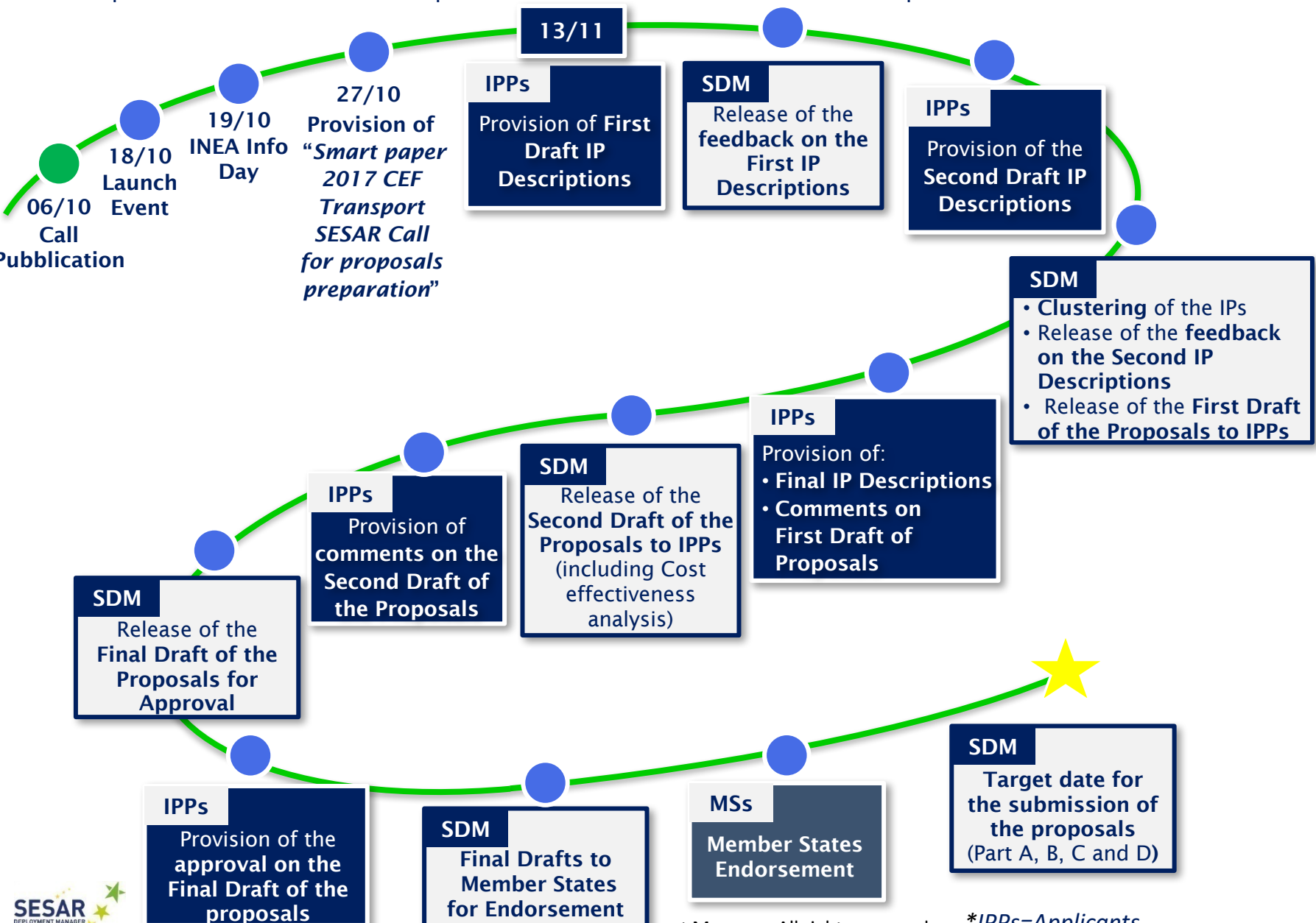
Administrative

Applicants

Parts A,B,C

| Uploading of requested documents on STAR | → | Comments/request for integration (if needed) |

| Integration/ modification (if needed) | → | Attachment of documents provided to the Proposals |
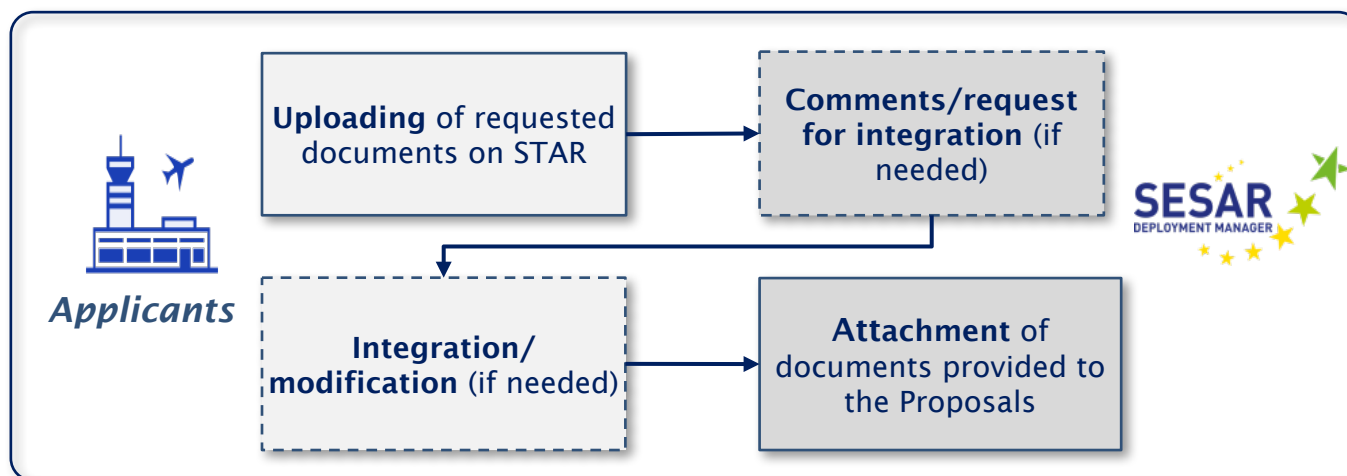
As reported in the 2017 CEF Transport SESAR Call Text, available on INEA website, **Applicants must be aware that**: "*Submitting an application implies the acceptance of the terms and conditions of the model grant agreement*", furthermore, in order to be able to sign the SGA, Applicants must be aware that "*who are selected to be awarded a grant under this category and are not partners in the SESAR Deployment Framework Partnership shall be required to sign the Framework Partnership Agreement before being able to sign the SGA covering their projects*"

Process for the submission of the proposals

The Proposals Finalisation Steps – Technical and Financial aspects

06/10 Call Pubblication

18/10 Launch Event

19/10 INEA Info Day

27/10 Provision of "*Smart paper 2017 CEF Transport SESAR Call for proposals preparation*"

13/11

IPPs — Provision of **First Draft IP Descriptions**

SDM — Release of the feedback on the **First IP Descriptions**

IPPs — Provision of the **Second Draft IP Descriptions**

SDM
- **Clustering** of the IPs
- Release of the **feedback on the Second IP Descriptions**
- Release of the **First Draft of the Proposals to IPPs**

IPPs — Provision of:
- **Final IP Descriptions**
- **Comments on First Draft of Proposals**

SDM — Release of the **Second Draft of the Proposals to IPPs** (including Cost effectiveness analysis)

IPPs — Provision of **comments on the Second Draft of the Proposals**

SDM — Release of the **Final Draft of the Proposals for Approval**

IPPs — Provision of the **approval on the Final Draft of the proposals**

SDM — **Final Drafts to Member States for Endorsement**

MSs — **Member States Endorsement**

SDM — **Target date for the submission of the proposals** (Part A, B, C and D)

The deadlines definition is subject to the updates that the timeline of 2017 CEF Transport SESAR Call may have

IPPs=Applicants

Process for the submission of the proposals

The Proposals Finalisation Steps – Administrative/Legal aspects

06/10
Call Pubblication

18/10
Launch Event

19/10
INEA Info Day

27/10
Provision of "*Smart paper 2017 CEF Transport SESAR Call for proposals preparation*"

IPPs *
Provision of the **overall Administrative/Legal documents and of Overall, Administrative, Financial and Technical POCs**

SDM
Provision of **Comments on the Administrative / Legal documents**

*** *Continuous interaction between SDM and IPPs aimed at the finalisation of the Administrative and Legal Documents collection*

IPPs
Target date for the **provision of scanned copies of Administrative/Legal documents**

IPPs
Appointment of the organisation(s) who will be **responsible for the MS approval** within the State

SDM
Status of the Administrative / Legal documents

SDM
Target date for the **upload of the overall documents on TENtec website**

SDM
Final Drafts to Member States for Endorsement

IPPs
Target date for the **provision of original Administrative / Legal documents**

MSs
Member States Endorsement

SDM
Target date for the submission of the proposals (Part A, B, C and D)

The deadlines definition is subject to the updates that the timeline of 2017 CEF Transport SESAR Call may have

*IPPs=Applicants

SESAR
DEPLOYMENT MANAGER

Process for the submission of the proposals
Main Highlights – Read, Reflect and Remember

1. Read

- ✓ **SDM Supporting Material**
- ✓ **Call Documents**
- ✓ **Application Forms**

- Call text
- Work Programme
- Deployment Programme
- Smart Paper 2017 CEF Transport SESAR Call for Proposal Preparation
- INEA Guide for Applicants
- Application forms
- FAQs INEA
- FAQs SDM

2. Reflect

- ✓ **Call contents and requirements**
- ✓ **Think about the evaluators**

- CEF Transport funding is a competitive process based on defined award criteria (**Relevance, Maturity, Impact, and Quality**)
- Calls have **requirements on Applicants**
- Calls have **requirements on actions**
- The proposals will be **evaluated on its own merits** and based only on the information provided by the applicant

3. Remember

- ✓ **Time flies**
- ✓ **Checks prior to submission to SDM**
- ✓ **Help is available**

- Start early and don't forget about the **deadlines** (SDM Roadmaps for finalisation)
- Preparing a good application requires **time and effort** – as does the resulting project management
- **Check** if all requested documentation has been submitted to SDM
- **Help** is available:
  - www.sesardeploymentmanager.eu
  - 2017_cefcall@sesardeploymentmanager.eu

Process for the submission of the proposals

IP Description

The **IP Description** (on STAR tool) aims at **collecting all relevant information by stakeholders** about the **candidate project** to be submitted to INEA in terms of:

- **Technical Aspects**: technical description (e.g. tasks, milestones, deliverables, etc.).
- **Economics**: economic and financial aspects of the project (e.g. HR cost, travel cost, procurement etc.).
- **Performance**: expected performance of the project (self-assessment performed by stakeholders).
- **Other Impacts**: e.g. Social and Economic Impact; Impact on Competition; Impact on Traffic Management, etc.

STAR TOOL

Submission of the Proposals to INEA

Final Draft IP Descriptions (*)

2nd Draft IP Descriptions(*)

1st Draft IP Descriptions

13/11/2017

(*) The deadlines definition is subject to the updates that the timeline of 2017 CEF Transport SESAR Call may have
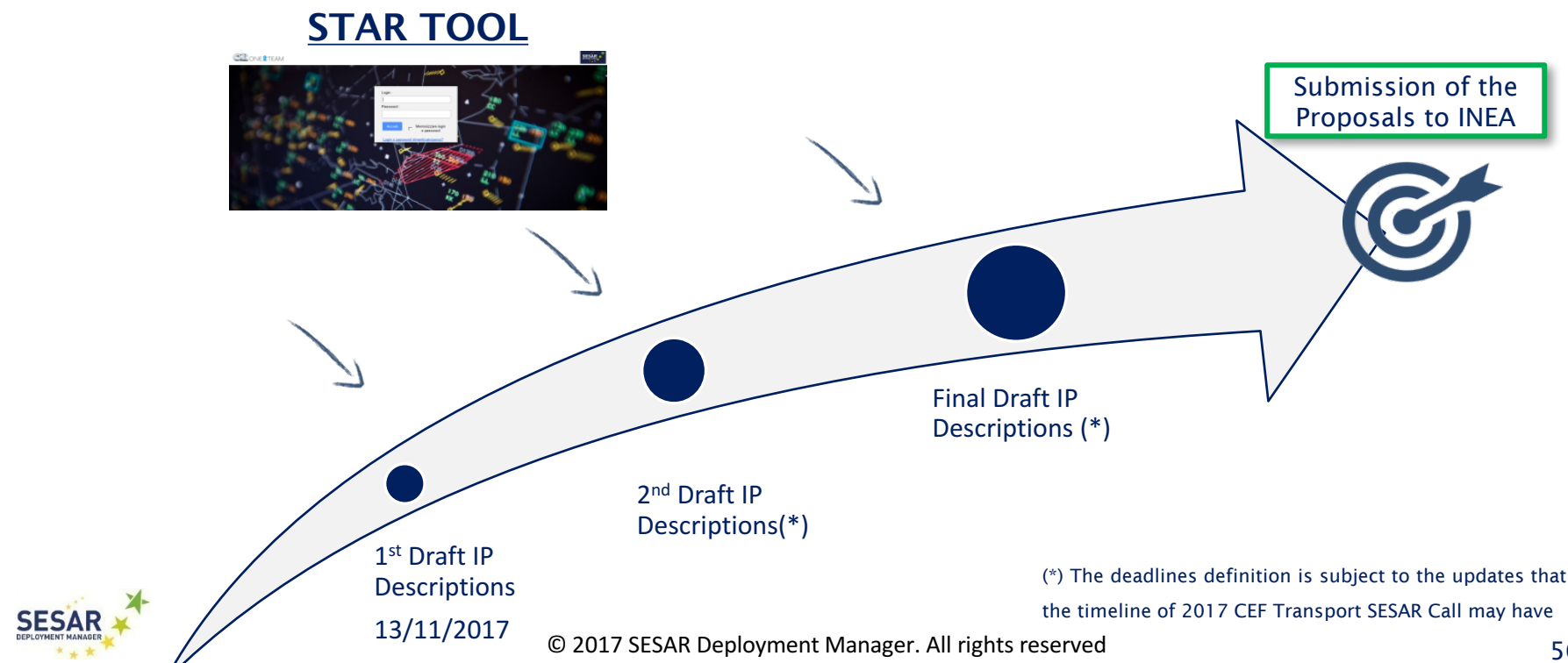
Process for the submission of the proposals

SDM supporting document for application process – Smart Paper for 2017 CEF Call

In order to support **Applicants during "responses preparation phase"** SDM will distribute the **SDM Smart Paper** by **27th of October**, which will **describe the support** to be put in place **to assist the Applicants interested in the 2017 CEF Transport SESAR Call.**

Content Overview

SESAR Deployment Manager

2017 CEF Transport SESAR Call

- *From Proposals Preparation to Execution phase*

Proposals Preparation

- *INEA Evaluation Process*
- *SGA Preparation Phase*
- *Execution Phase*

Follow-up documentation (Application Forms Parts A, B, C and D)

Next Steps

Process for the submission of the proposals
Communication Support (1/6)

Next to the permanent bilateral communication, the Smart Paper and roadmaps, SDM has put in place **a set of supporting tools**.

The communication support is divided into actively **'pushed'** information, information that can be **'pulled'** by you and **interactive** support.

These **supporting tools** make sure you can **stay focused on your projects** without missing out on any important **deadlines** or official requirements.

Information that SDM will **'push'** to you via:
- **Bi-weekly to-do list**
- **Reminders on key topics**

Information that you can **'pull'** at any time via:
- **(Smart Paper and roadmaps - also actively provided to you)**
- **Calendar**
- **Q&A**
- **Videos**

Interactive support via:
- **Dedicated mailboxes for bilateral exchange**
- **STAR**
- **Interactive events**
- **Website and social media**

Process for the submission of the proposals
Communication Support (2/6)

Supporting Tools

1. Bi-weekly to-do list

Every 2 weeks you will receive an email from SDM containing **all key information, to do's and deadlines for the upcoming weeks.**

SDM provides you with a clear nutshell overview **to remind you** of the milestones indicated in the roadmaps

SGA Preparation Phase - Your to-do list #4

Dear Implementing Partners

You can find below the fourth edition of the bi-weekly to do list, one of the supporting tools used by SDM to guide you through the 2016 SGA preparation phase.

The bi-weekly to-do-list will be properly customized according to the activities to be performed every two weeks, in order to finalise the SGA preparation phase on time.

This "to-do-list" is structured in the following main sections:

- **Activities performed up to date**: by SDM and Implementing Partners;
- **Activities to be performed**: in the upcoming two weeks by SDM and Implementing Partners;
- **(News)**: When there is any other relevant information useful for the finalisation of SGA Preparation
- **Calendar**: A dedicated Calendar supporting you by reminding all important dates in one place.

This "to-do-list" allows you to focus on the activities without missing out on any important information.

If you have any questions or remarks, please do not hesitate to contact us on the dedicated email addresses: 2016_generalcall@sesardeploymentmanager.eu or 2016_cohesioncall@sesardeploymentmanager.eu so we can give you all support needed.

☑ **Activities performed up to now**

Implementing Partners

- Provided **Administrative Documents**: Declaration of Status Quo, IPRs List, relevant documents if any modification has occurred from 2016 CEF Transport Call (those who have not provided yet)
- Provided **2nd Draft IP Descriptions** updates - 05/09/2017
- Provided **final confirmation of participation to 2016 SGA** - 07/09/2017
- Provided **comments on 1st Draft of Description of the Action** (if any) - 05/09/2017

SESAR Deployment Manager

- Released (based on the inputs received by IPPs by 05/09/2017) to INEA: SGA Annex I and Annex II Cluster Cohesion - 06/09/2017; SGA Annex I and II Cluster General - 7/09/2017 and the final list of participants - 07/09/2017
- Released to IPPs: comments on 2nd Draft IP Descriptions updates - 07/09/2017

☑ **Activities to be performed**

Implementing Partners

- **ONLY FOR NEW PARTNERS:**

Provision of:

- Mandate for FPA and SGA signature - 15/09/2017

2. Reminders on key topics

On key topics you will receive either:
- Bilateral reminders
- General reminders

Always including the most accurate information to support you in reaching successful submission of your project proposal(s)

SESAR
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Process for the submission of the proposals
Communication Support (3/6)

Supporting Tools

3. Calendar

- Gives you **24/7 access to all deadlines**, to do's and documents required related to the proposals preparation or other phases you are involved in, all in one single place
- **Personal login**
- Gives you an **accurate view on all to do's and deadlines for all CEF Transport Call(s) and Cluster(s)** you are involved in
- Gives you an overview of **all major SDM actions that are undertaken**
- Includes **all necessary links and documents needed** to timely reach the deadlines
- Allows you **to import deadlines and to do's into your own personal calendar in just a few clicks**
- **Go to: http://www.sesardeploymentmanager.eu/stakeholderaccess and enter your login credentials or new users click "Request access"**
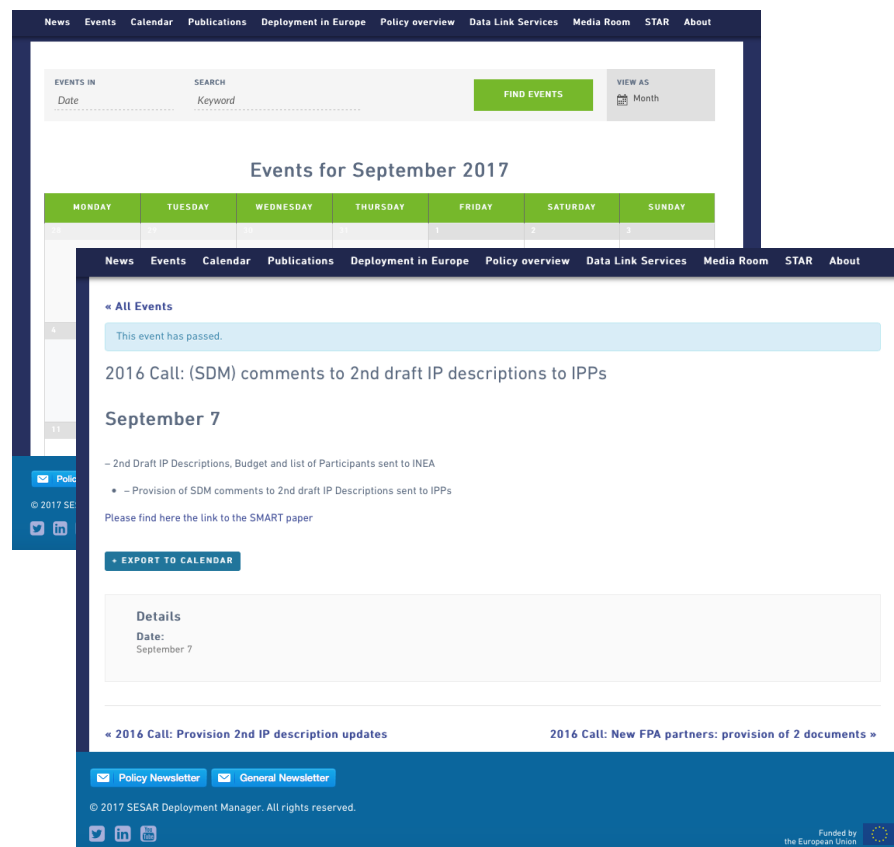
Process for the submission of the proposals
Communication Support (4/6)

Supporting Tools

4. Questions & Answers

Dedicated webpage on sesardeploymentmanager.eu:

http://www.sesardeploymentmanager.eu/questions/

- Includes all Q&A's of all SDM events and more
- Can't find what you are looking for? Click "Ask a question"
- When urgent: email/call us!
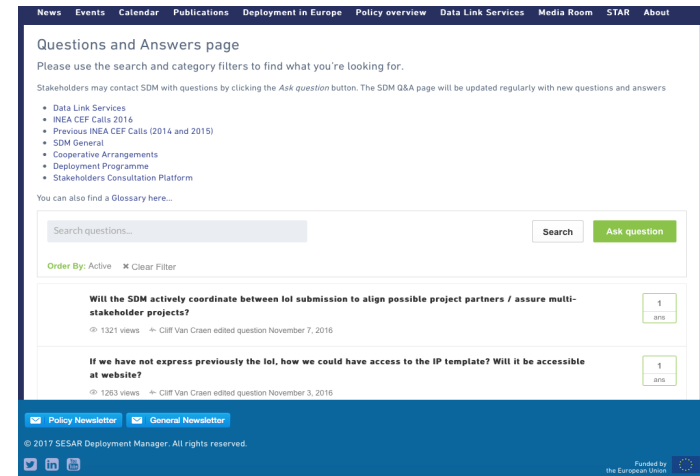
5. Videos

Short overview _**video's available**_ on:
- Proposal preparation
- Payments
- Member States involvement

Check out:
http://www.sesardeploymentmanager.eu/media-room/multimedia/

Process for the submission of the proposals
Communication Support (5/6)

Supporting Tools

6. Dedicated email address

2017_cefcall@sesardeploymentmanager.eu

The dedicated email address has been set up to *ease the communication* between the Applicants and the SDM during the responses preparation phase.

7. STAR

SESAR Tool for ATM Rollout
http://www.sesardeploymentmanager.eu/star/

Online *cooperative* coordination, synchronization and monitoring tool.

STAR is the *main tool to interact* with SDM for action execution.
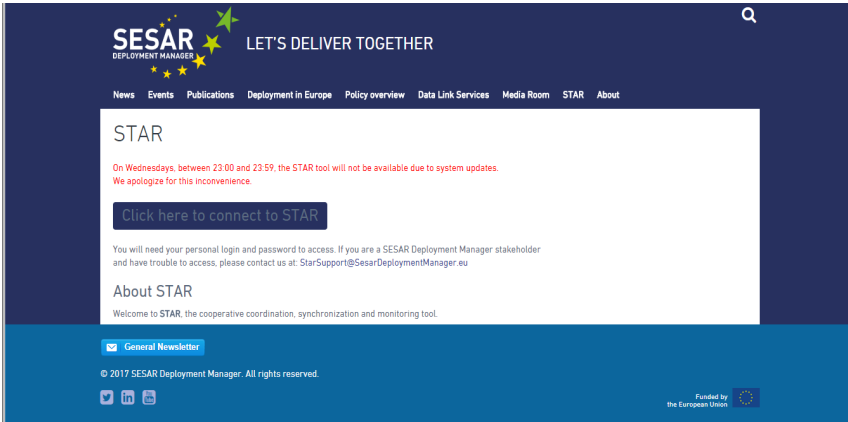
Process for the submission of the proposals
Communication Support (6/6)

Supporting Tools

7. Interactive events

- **Today's event** informing you on the call
- **Once you have been selected and awarded** by INEA, we will host:
    - Kick Off Meeting (1x)
    - Annual Meetings (Yearly)
    - Workshops (on dedicated topics)
    - Bilateral Meetings (Until closure of the project)
        - Online
        - Face-to-face

8. Website & social media

Check on regular basis our *website*
www.sesardeploymentmanager.eu for info
updates, news, events

Follow us on
- *Twitter* @SESAR_DM
- *LinkedIn*
  https://www.linkedin.com/company/sesar-deployment-manager

Process for the submission of the proposals
Focus on the Repository (STAR TOOL)

The **submission of all Administrative information** concerning the 2017 CEF Transport SESAR Call Preparation will only be done through the **use of STAR.**

> **A dedicated repository has been created where Applicants can upload**
> - Administrative documentation
> - Comments on Part D and Budget

"STAR"

SESAR TOOL FOR ATM ROLL-OUT

Each Company will have a dedicated folder in which to upload all requested documents. **The folders will have the following partition:**
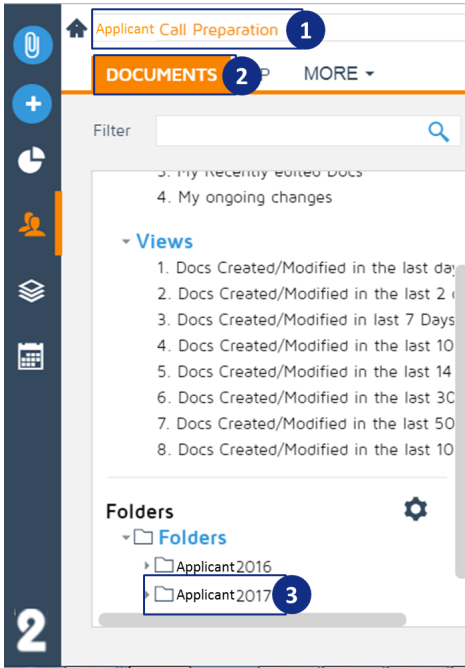
00. Authorisation
10 A - Form A
20 B - 1 - Legal Entity Form
21 B - 1.1 - Supporting Documents to LEF
22 B - 2 - Annex B-I, B-II
23 B - 3 - Financial Identification Form
24 B - 3.1 - Supporting Documents to FIF
25 B - 4.1 - Financial Capacity Check Form
26 B - 4.2 - Operational Capacity
27 B - 4.3 - Supporting Documents-Financial statements
28 B - 5 - Requirements for Third/Neighbouring countries (B-III, B-IV)
30 C - 1 - Form C
31 C - 2 Supporting documents Form C
32 C - 3 Annex C-I
40 D – Documents concerning Affiliated Entities
41 Comments on Application Form Part D
50 Comments on Budget
60 Supporting Documents

Application Forms Parts A, B, C and D
Documentation to be submitted (1/2)

According to the INEA "*process for the proposal elaboration*", the proposals will be elaborated through the finalisation of the following forms:

PROPOSAL FORMS

PART A
Main characteristics of the proposal and budget of the Action

PART B
Administrative Information on Applicants

PART C
Compliance with Union Policy and Law

PART D
Technical Information
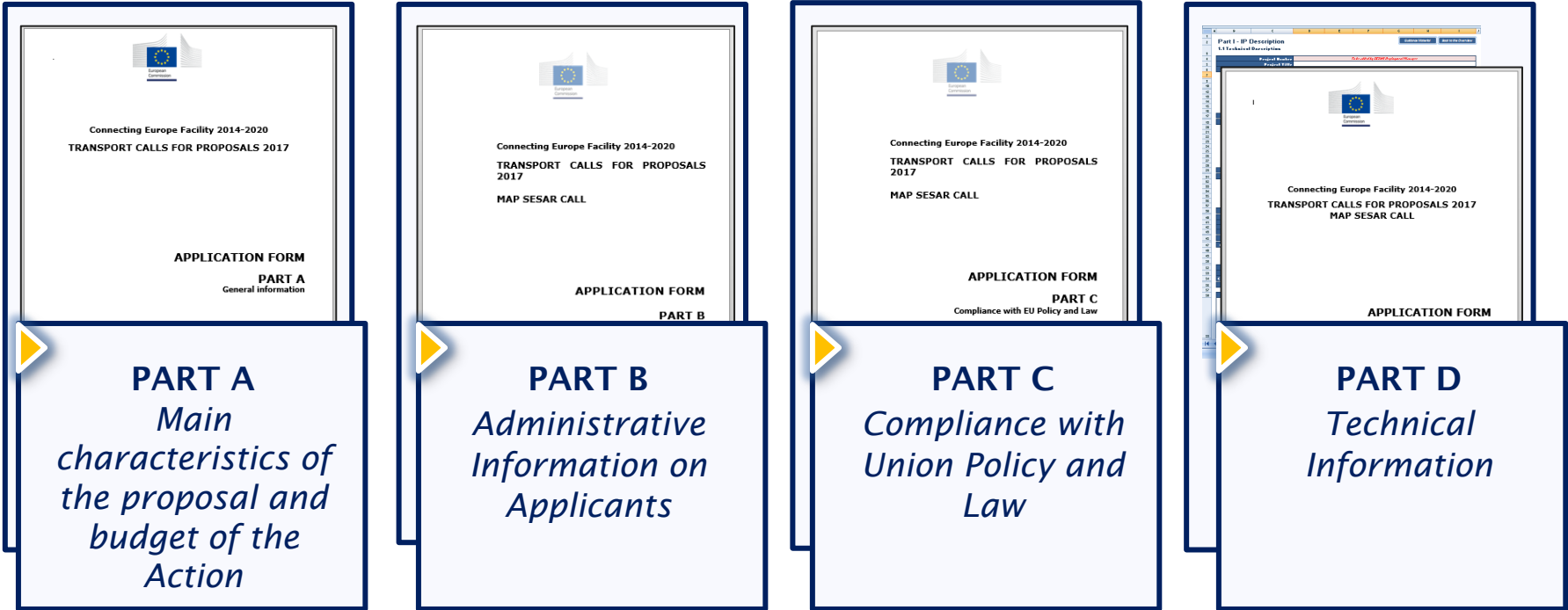
Application Forms Parts A, B, C and D
Documentation to be submitted (2/2)
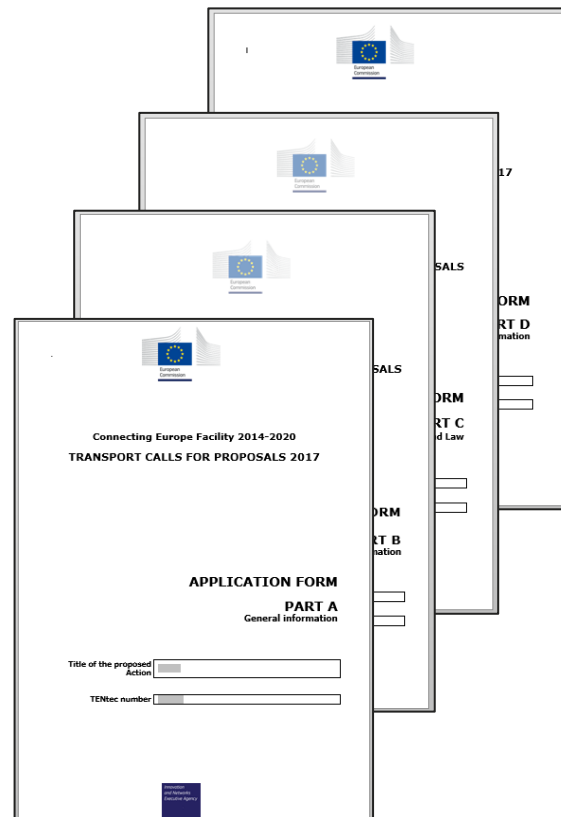
PART A: **Main characteristics of the proposal and budget of the Action:**

- Brief description of the proposed Action
- EU Member State approval
- Financial information of the proposed Action

PART B: **Administrative Information on Applicants:**

- Legal Entity Form
- Grounds for exclusion
- Financial Identification Form
- Requirements on Financial and Operational Capacity

PART C: Compliance with Union Policy and Law

- Compliance with EU Environmental policy
- Compatibility with EU law on State Aid
- Compatibility with Public Procurement
- Other sources of EU financing

PART D: Technical and Financial Information:

1. General Description of the Global Project
2. Description of the proposed Action
3. Award criteria, relevance
4. Award criteria, maturity of the Action
5. Award criteria, impact of the proposed Action
6. Award criteria, quality of the proposed Action
7. Annexes/supporting documents

Application Forms Parts A, B and C
Focus

Administrative – Parts A, B, C

1. The full batch of documentation needs to be provided **once per each company** – <u>not per Project</u> – and per each cluster. That is, each Company needs to **replicate the documentation as many times as the number of Clusters it participates in**

2. **All documents** have to be provided in **digital copy.** Only the **documents that are undersigned** have to be provided to SDM both in **scanned** and **hard copy,** independently for each Cluster

3. **All Action contributors**, independently if they are Project Leaders or Project Contributors, need to provide the <u>entire</u> batch of documentation

4. Only **one Application Form Part C needs to be provided by each Company**, taking into account all Projects under a Company's responsibility (both as Project Leader and as Contributor)
   - <u>Only</u> if different Projects from the same company require different answers, then multiple Parts C shall be submitted, by making specific reference to which Project each Form refers to

5. **All documents must be duly signed, dated and stamped** wherever indicated in the Form itself

6. **All supporting documents** indicated in any of the Forms are considered as a **requirement**, and shall be provided to SDM by Applicants (whenever applicable)

7. **The validity period for the Legal Entity Form and Financial Identification Form is established at 6 months**. If the provided forms are older than 6 months, the applicant shall provide a new Legal Entity Form and/or Financial Identification Form

Application Forms Parts A, B and C
Focus – Administrative Documentation vs Legal Status

Administrative Documentation	1	2	3	4	5	6	7	8	9
Authorisation – 2017 CEF Transport SESAR Call	✓	✓	✓	✓	✓	✓	✓	✓	✓
PART A									
Form A2.1+ Statutes or relevant abstract (if applicable)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Form A2.2 – Contact Points	✓	✓	✓	✓	✓	✓	✓	✓	✓
Form A2.3 – Implementing Bodies	✓	✗	✗	✗	✗	✗	✓	✗	✗
Form A2.3 – EU Member State Approval	✗	✓	✓	✓	✓	✓	✓	✓	✓
Form A2.4 (if applicable)	✓	✓	✓	✓	✓	✓	✓	✓	✓
PART B									
1. Legal Entity Form + Required additional documents	✗	✗	✓	✓	✓	✓	✓	✓	✓
2. Grounds for exclusion • Annex B-I • Annex B-II	✗	✗	✓	✓	✓	✓	✓	✓	✓
3. Financial Identification Form + Recent bank statement (if applicable)	✓	✓	✓	✓	✓	✓	✓	✓	✓
4. Requirements on the financial and operational capacity of the Applicant • Financial capacity form • Financial statement / Letter of support • Operational capacity	✗	✗	✗	✓	✓	✓	✗	✓	✓
5. Requirements for Applicants in neighbouring / third countries • Annex B-III • Annex B-IV	✗	✓	✗	✗	✓	✓	✗	✗	✗
PART C									
Section I, Section V, Section VI, Section VII	✓	✓	✓	✓	✓	✓	✓	✓	✓

Legal Status

1. EU Member State
2. Neighbouring/third country
3. Public sector undertaking or body established in the EU
4. Private sector undertaking or body established in the EU
5. Public sector undertaking or body established outside the EU
6. Private sector undertaking or body established outside the EU
7. International organisation
8. European Economic Interest Grouping (EEIG)
9. Joint undertaking

Application Forms Parts D
Focus

Technical & Financial – Part D

1. **Application Form Part D will be completed by SDM**, taking into account Applicant's contribution at IP level

2. **SDM will finalise three Drafts of Application Form Part D** and send them to Applicants for comments/approval (according to the Roadmap)

3. **Part D will be populated** by:
   1. elaborating the **financial and technical information** provided by Applicants **through their IP Descriptions**
   2. taking into account the contribution reported in the section "**Other Impacts**" (eg. presents within the **IP Description** (on STAR tool))
   3. taking into account the information provided through the Part C in relation to the **compliance of the project with EU policies and law** in the fields of environmental protection, interoperability, state aid, public procurement, and other sources of EU funding

Applicants may be aware that the information reported in the Proposal, as submitted to INEA following their approval, will be included into the 2017 SGA in case of awarding. For this reason the inputs provided during the Proposal preparation and the SGA preparation shall not differ significantly

Application Forms Parts D
REFLECT: think about the evaluators

Provide **only relevant information** through IP description

Use simple, clear language: information needs to be clear, well-structured, substantiated and concise

Be coherent in describing the objective, activities, duration and budget

Be consistent through your statements in different parts of the application

The proposals will be evaluated on their own merits and based only on the information provided by the Applicant

Zoom on IP Description

Ramon Raposo Vidal
Senior Expert DP Synchronisation & Coordination

Zoom on IP description
General structure of the description

Technical Aspects

- **Project Leader** and its **contributors**
- **Start and end** date
- **Project Objectives**
- Associated **DP 2017 Gap** to be covered
- **Main AF, Sub-AF and Family** of the DP
- Civil/Mil Coordination
- **Project Description**

- **Project's Tasks** and their description
- **Milestones and Deliverables**
- **WBS and GANTT Charts**
- **Risks Register**
- ...

Economics

- **Breakdown of all costs** by project contributor and by task on a yearly basis
- **HR costs** and associated **travel costs**
- **Procurement and investment costs**
- Any other cost to be incurred by the applicant
- **Other sources of financing**
- **Revenues of the proposed IP** (if any)

Performance

- **Contribution to overall performance** expected by the **Implementation project**
- **Self-assessment of the impacts** with regard to:
  - **Safety**
  - **Capacity**
  - **Cost-Efficiency**
  - **Flight Efficiency**
  - **Predictability**
  - **Resilience**

- **Contribution to performance in any other domain** (e.g. Flexibility, Interoperability, Security, etc.)

Other impacts

- **Social and economic impact** of the Implementation Project
- **Impact on regional/local development**
- **Impact on competition**
- **Approval and/or political** commitment
- **Readiness/maturity of the project**
- **Public consultation** to put in place in support of the project
- ...

Zoom on IP description
General aspects

SDM underlines that **all fields of the IP description template** shall be duly and exhaustively filled in for the INEA formal evaluation.

It will be therefore **impossible to include incomplete IP descriptions in the final SDM-coordinated proposal** to be submitted to INEA.

The following slides provide "**general principles**" for the IP description preparation aiming at:
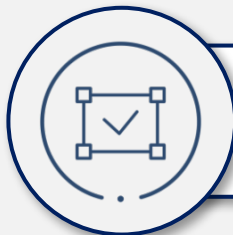
Ensuring **compliance with the formal requisites** for the project proposals submission
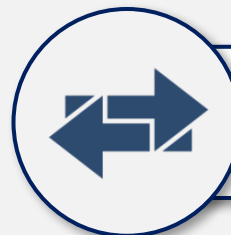
Facilitating **interactions with the SDM** (both in the proposal preparation and for reporting)
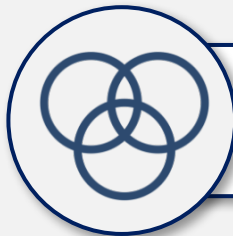
Guaranteeing **consistency across all IPs** presented within the same proposal

Allowing **effective monitoring** by the SDM **during the execution** of the Action

Technical Aspects – Point of Contacts

- 3 main PoCs are requested:

Project Manager	*Financial PoC*	*Administrative PoC*
Person in charge of the overall project preparation and coordination	Person in charge of the budget and other financial matters	Person in charge of all administrative/ bureaucratic matters

- They can be the **same person**, but it is highly advisable to indicate **3 different PoCs** in light of the specificity of their duties
- In addition, it is requested to include **alternate PoCs** to ensure immediate responsiveness to interactions with SDM at any stage of project lifecycle, especially in light of day-to-day monitoring

- For each of them it is necessary to indicate:

Name and surname (without titles, e.g. Dr./Mr./Mrs./etc.)

E-mail address

Phone number

Zoom on IP description
Technical Aspects – Project description

- The **project description** should provide an high-level overview of the IP with all necessary information for a complete evaluation of the project

- The structure of the project description should be:

General context. Main aim of the project and overall framework

Specific objectives. "The Implementation Project aims to:"

Tasks. The technical and operational units of work

Expected Results. "The following results are expected:"

Monitoring Milestones. For all families + Project completed

Performance benefits. Quantifiable benefits of the Implementation Project
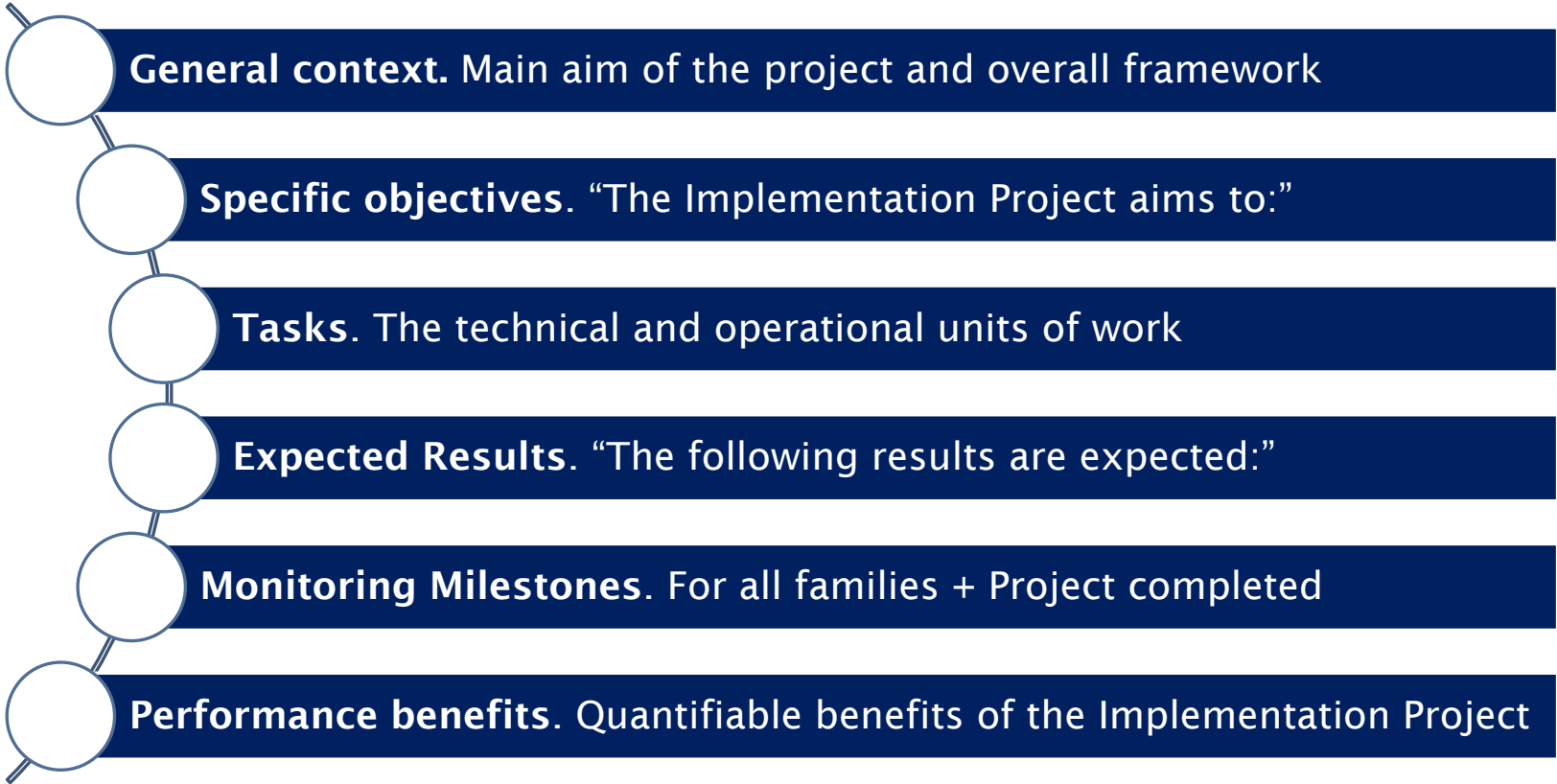
Zoom on IP description

Technical Aspects – Project start and end date (1/2)

- The **eligibility period of the CEF Call 2017** spans from the submission date until 31st December 2023. No project can outlast this specific timeframe

2017	2018	2019	2020	2021	2022	2023	2024

15th March 2018 Submission date

Start of the eligibility Period

31st December 2023

End of the eligibility Period

Illustrative

Sept 2020
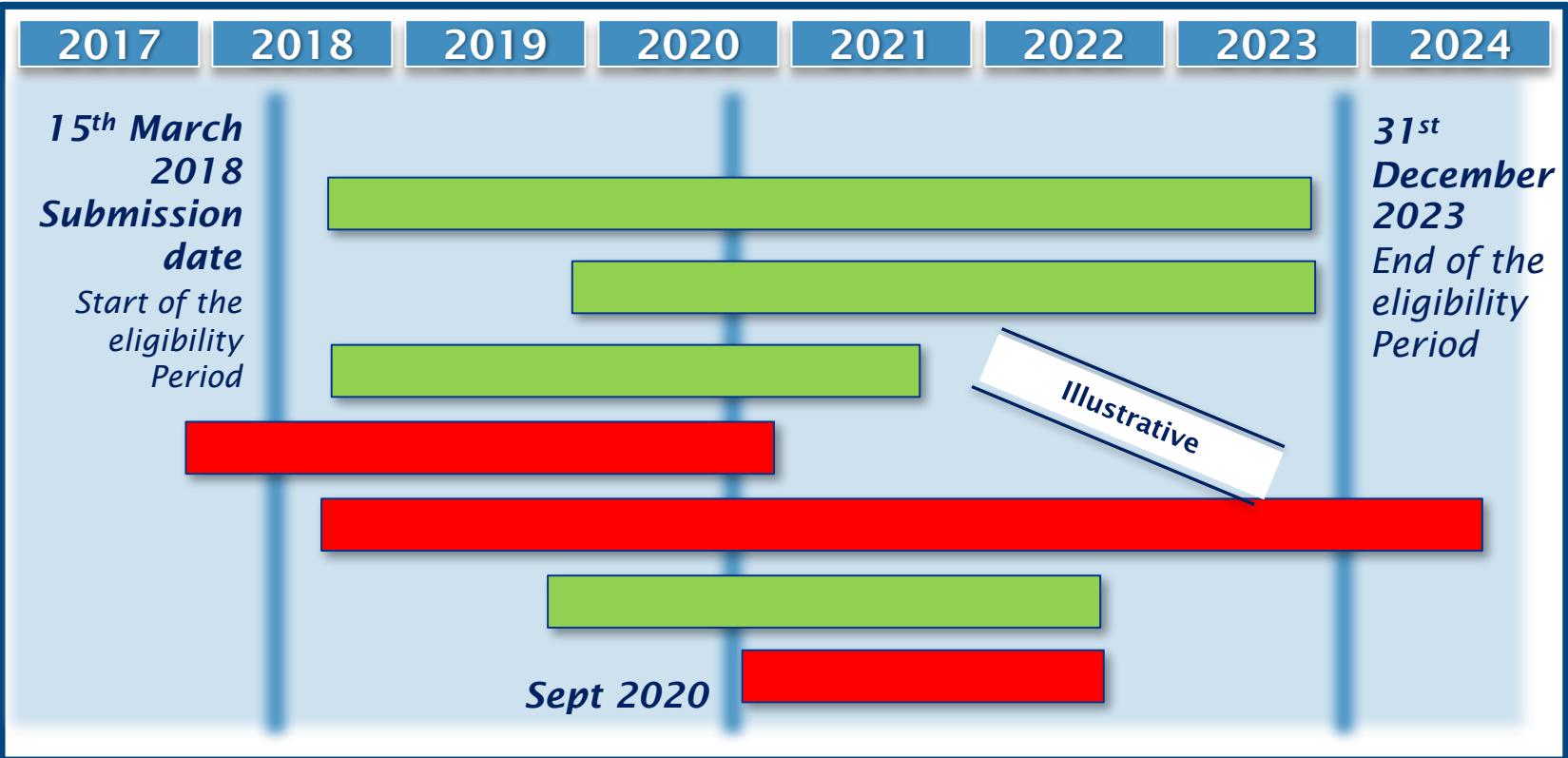
- It should be highlighted that <u>it will not be possible to include in the SDM-coordinated proposals those projects whose **start date is within eighteen months after the closure of the Call.**</u>

Zoom on IP description
Technical Aspects – Project start and end date (2/2)

Full alignment between the project's structure (for instance in terms of tasks, milestones, deliverables and costs) and the project timeframe as a whole shall always be granted

- The **project start date** should correspond to the **start date of the first task***
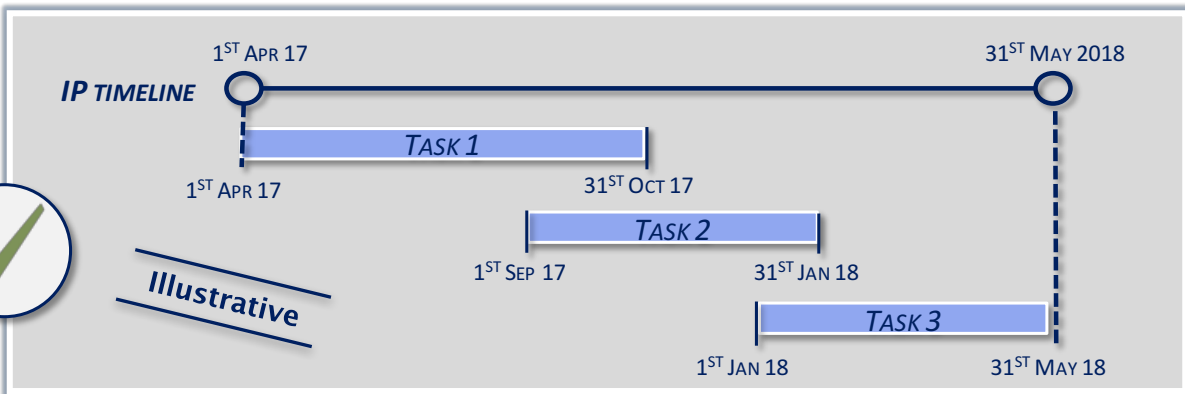
- The **project end date** should correspond to the **end date of the last task***
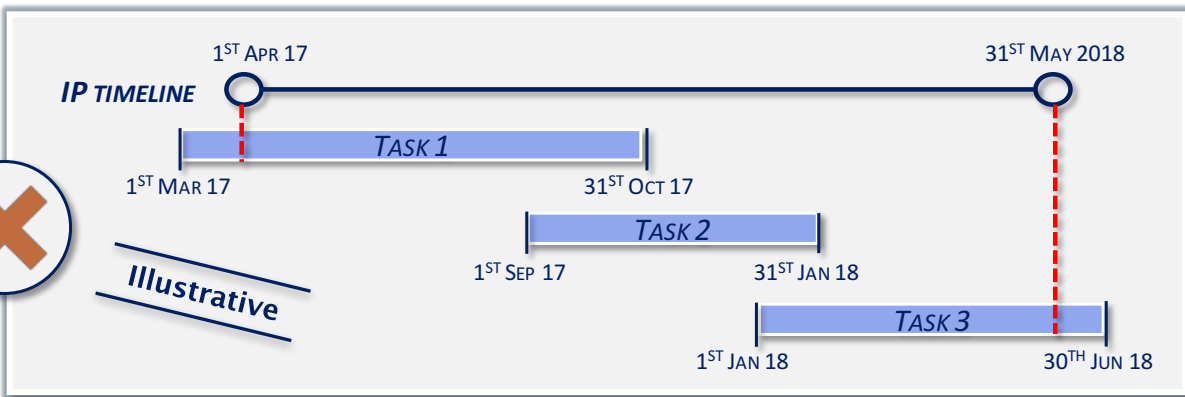
For the same reason, both the start and the end date foreseen for Tasks, Milestones, Deliverables and Costs, shall always be set within the project timeframe.

Zoom on IP description
Technical Aspects – Project Gantt chart/WBS

- The Gantt chart and/or the WBS of the project should be **fully consistent** with the project technical description in terms of:

  - ✓ **Structure of the project**: e.g. preparatory tasks, consequentiality/links among project activities, etc.

  - ✓ Number of tasks/milestones/deliverables, etc.

  - ✓ **Project duration**: e.g. the timescale stemming from the project description should be the same as the one emerging from the Gantt chart

  - ✓ Responsible units within the organisation: they should be the same as in the WBS

Providing a coherent Gantt chart/WBS is key to:

- Guarantee the internal consistency of IP description
- Prevent further interactions during the proposal preparation in order to refine this part of the project description
- Set the way for an efficient monitoring of the project by the SDM during the execution phase

Zoom on IP description
Technical Aspects – Project Tasks

- The tasks should represent the IP's **technical and operational aspects** in an exhaustive way

- Each task should be accompanied by a clear description and include information on associated milestones, deliverables and costs

Description

The **description** of each Task should include *inter alia*:

- Activities to be performed within the Task, (i.e. implement, execute, perform…)

Milestones/Deliverables

At least **one key milestone/key deliverable** should be associated to each task, in order to allow an effective accomplishment of the task objectives

Costs

At least **one cost** should be associated to each task (HR, travel, procurement, investment and/or other costs)

- Two types of **milestones** should be included in the project planning:

Milestones

⭐ **"Key milestones"**

*Milestones that are **specific** to the project*

〰️ **"Monitoring milestones"**

*Milestones aiming at **supporting the monitoring activities** during the implementation phase*

- Key milestones" are always linked to a specific task. "Monitoring milestones" will be automatically displayed once the Family is chosen and will need to be filled in with the relevant dates

For all Families

Monitoring milestones that are valid for all projects, regardless their specific AF/Family

Family-specific

Additional monitoring milestones identified on the basis of the specific Family

- Each milestone (M) and Monitoring Milestone (MM) should be numbered according to the linked task, as follow:

Number of the associated task ← (1).(1) → *Progressive number of the Milestone**

**i.e. Monitoring Milestone 2 linked to task 1 should be numbered as MM 1.2 - …
Key Milestone 2 linked to task 1 should be numbered as M1.2 - …*

Zoom on IP description
Technical Aspects – Deliverables

- Two types of **milestones** should be included in the project planning:

Deliverables

- Each **deliverable** should be linked to a specific task

- Each deliverable (D) should be numbered according to the linked task as follow:

Number of the associated task ← **1.1** → *Progressive number of the deliverable**

- For the elaboration of each deliverable, both a **start** and an **end date** should be specified

- At least **one key milestone** and/or **one deliverable** should be associated to **each task**

*i.e. Deliverable 2 linked to task 1 should be numbered as D 1.2

Zoom on IP description
Technical Aspects – Risks and Mitigation Actions

Risks shall be identified **before the project start**, on the basis of a preliminary evaluation of potential elements of uncertainty/complexity and externalities

At least one risk per project should be identified, so as to allow a **proactive monitoring** of potential elements that might impact on the project execution

A relevant **mitigation action** should be associated to each risk, describing the possible solutions/initiatives for the mitigation of the risk

During the **project's execution phase**, the list of the risks could be however **integrated and complemented**, on the basis of the deployment status, the evolution of the context, the political/institutional situation, etc

Zoom on IP description
Technical Aspects – Items to monitor at each reporting period

- During the execution phase of the Action, each year is divided into **3 reporting periods**:

①	②	③
REPORTING PERIOD 1	**REPORTING PERIOD 2**	**REPORTING PERIOD 3**
Jan 1 › Mar 31	Apr 1 › Aug 31	Sep 1 › Dec 31

- **For each reporting period**, it is highly recommended to make sure that **at least one of the following items** are included in the project planning:

End of a **task**

Achievement of a **milestone**

Release of a **deliverable**

They can be both "key milestones" and "monitoring milestones"

Zoom on IP description
Technical Aspects – Overview on SDM monitoring

- The SDM is in charge of **monitoring the execution of IPs awarded** following the submission of CEF Transport Calls for proposals

- **Two main typologies** of monitoring are performed by the SDM (at specific "**monitoring gates**" and through "**continuous interactions**" with the Implementing Partners)

- Adherence to the main principles presented in the previous slides will facilitate the monitoring activities (SDM) and the reporting on projects (Implementing Partners)

DP MONITORING PROCESS		
TYPOLOGY OF MONITORING	MONITORING AT SPECIFIC "MONITORING GATES"	MONITORING THROUGH "CONTINUOUS INTERACTIONS" BETWEEN SDM AND IPPS
DESCRIPTION	Monitoring the implementation progress at **specific moments of the year**, collecting information and formalising them into a **comprehensive document** (DP Execution Progress Report)	Monitoring the implementation progress **throughout the year**, allowing a **continuous detection of misalignments** and anticipating possible discrepancies/risks/issues

Zoom on IP description
Financial Aspects (1/2)

> **For each organization participating to an IP, the following information shall be provided**

HR COSTS

- FTEs
- TRAINING COSTS
- NON TRAINING COSTS
- TRAVEL COSTS
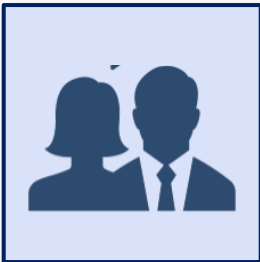
PROCUREMENT AND INVESTMENT COSTS

- DESCRIPTION
- SUPPLIER
- PROCUREMENT PROCEDURE
- STATUS OF THE PROCUREMENT
- SIGNATURE DATE OF THE CONTRACT
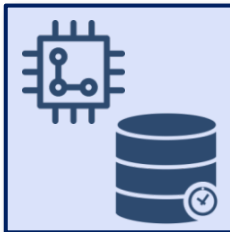
OTHER COSTS

- DESCRIPTION OF THE COSTS (AUDIT COSTS, CERTIFICATION COSTS, ETC.)

OVERHEAD COSTS

OVERHEAD COSTS ARE NOT ELIGIBLE FOR FUNDING UNDER CEF FRAMEWORK

All yearly cost entries shall be associated to a specific task and to a specific contributor

NB. *Only **costs incurred between Submission Date and 31st December 2023** are eligible for CEF funding. All **other cost entries will not be considered as part of the budget** of the project*

Zoom on IP description
Financial Aspects (2/2)

For each task of the Implementation Project, a unique funding rate shall be selected

50% *FOR STUDIES AND GROUND-BASED COMPONENTS OF THE SESAR SYSTEMS*

20% *FOR ON-BOARD COMPONENTS OF THE SESAR SYSTEMS*

Stakeholders shall also indicate all other sources of funding, choosing among:

- State budget
- Regional and local budget
- Applicant funds (including EIB loans)
- Other loans

- Other EU funds (ERDF, FPR)
- Public Private Partnerships
- Other sources

Zoom on IP description
Performance Impacts

Further information will be provided during the Zoom on Performance

Zoom on IP description
Other Impacts

Social and Economic Impact

FINDINGS AND RESULTS FROM THE SOCIO-ECONOMIC ANALYSIS ASSOCIATED TO THE IMPLEMENTATION PROJECT

Regional / Local Development

POSITIVE AND NEGATIVE IMPACTS ON REGIONAL AND LOCAL DEVELOPMENT (INCL. NEIGHBOURING REGIONS)

Impact on Competition

POSITIVE OR NEGATIVE IMPACTS ON REGIONAL AND NATIONAL COMPETITION

Approval of the IP

CLARIFICATION ON THE STATUS OF ANY NECESSARY APPROVAL LEADING TO THE BEGINNING OF THE PROJECT

Political commitments to the IP

DESCRIPTION OF EXISTING POLITICAL COMMITMENTS (GOVERNMENT DECISIONS, NATIONAL PLANS, ETC.)

Public Consultation

PUBLIC CONSULTATION ALREADY CARRIED OUT OR TO BE CARRIED OUT (STAKEHOLDERS INVOLVEMENT)

Readiness / Maturity of the IP

STATE OF PREPARATION OF THE IMPLEMENTATION (SIGNED CONTRACTS, ALREADY STARTING, ETC.)

Building Permits

IF NEEDED, SPECIFY THE AVAILABILITY OF THE NEEDED BUILDING PERMITS TO PROCEED WITH THE PROJECT

Traffic Management, Congestion, etc.

POSITIVE AND NEGATIVE IMPACT ON TRAFFIC MANAGEMENT, CONGESTION, MODAL SPLIT, ETC.

Impact on Environment

RESULTS AND CONCLUSIONS OF ANY ENVIRONMENTAL ASSESSMENT CONDUCTED IN ASSOCIATION WITH THE IP

Zoom on IP Performance Aspects

Antoine Hottelart

Head of Performance and Financial Sustainability

LET'S DELIVER TOGETHER

Funded by the
European Union

Zoom on IP Performance Aspects

SDM will conduct the following performance analyses

1. Application Phase
Cost Effectivity Analysis (CEA)

INEA selection →

2. Execution Phase
Benefit Estimations
- Top Down
- Bottom Up

Data to be provided to SDM in Performance Grid (STAR Tool)

Quantitative Performance Improvements

1. Savings linked to DUC1 for En-Route & Terminal ANS Unit costs
2. Airport ATFM Delay
3. En-Route ATFM Delay
4. Cancellations
5. ATC Delay
6. ASMA Times (unimpeded/additional)
7. Taxi-in Time (unimpeded/additional)
8. Taxi-out Time (unimpeded/additional)
9. Minutes related to fuel reduction
10. Savings linked to fuel consumption
11. Savings linked to CO_2 reduction

Qualitative Performance Improvements

1. Noise reduction
   - i.e. affected number of people
2. Additional revenues due to higher capacity
   - i.e. slots
3. Other social economic impact
   - i.e. new jobs, reputation in industry leadership, ranking and awards of airports
4. Other project specific impacts

Supporting Documents

> Methodology of Performance Evaluation
> **DP 2017 - Annex D**

> **SMART PAPER**

Zoom on IP Performance Aspects
CEA – What's behind?

Cost Effectiveness Analysis CEA

Cost Effectiveness Analysis aims at measuring **how much every IP costs fit within the overall cost envelope.**
The methodology allows **assessing if the cost of a project is proportionate to the benefits expected from this project in the framework of PCP implementation**.

The formula applies:

In order to assess the **Effectiveness (E)** of a project, its **Cost of project (CP),** as provided by the implementing partner, is compared to the **Gap Reference Cost (GRC)** of the gap in the DP that the project contributes to cover, multiplied by a certain percentage which is called the **Gap Coverage (GC).**

$$E = GRC * \frac{GC}{CP}$$

It must be noted that the basis for every calculation remains the initial PCP CBA.

Zoom on IP Performance Aspects
Stepwise approach to estimate E

CUMULATED GAP BENEFIT (CGB)
This gap benefits is performed for each gap

GAP REFERENCE COST (GRC)
The GRC is the maximum budget available to close the gap while complying with PCP CBA:
GRC of each gap = Total cost of the AF (as provided by PCP CBA) x CGB of the Gap / CGB of the AF

GAP COVERAGE (GC)
percentage by which the thread closes the gap (collegial experts' judgment at SDM level - between 20% and 100%.)

COST-EFFECTIVENESS INDICATOR (E)

$$E = GRC \times \frac{GC}{CP} \qquad CP = \text{Cost of Project}$$

MATHEMATICAL INTERPRETATION
- If E =1 : the cost for closing the gap equals the expected contribution to benefits. Cost effectiveness is aligned with PCP CBA.
- If E < 1: sub-effective, because costs for closing the gap are above the expected contribution to benefits
- If E > 1: over-effective, because costs for closing the gap are below the expected contribution to benefits

Zoom on IP Performance Aspects
Classification by Family

- **The more a project is assessed as cost effective, the more it contributes to implement the PCP within the boundaries of the CBA envelope that supported its adoption as a Regulation**

- **Despite individual assessment of the candidate projects, the CEA results are provided at the level of "groupings of IPs" (e.g. priority families, DLS capabilities, non-priority families…)**

- **However, if it appears that some IPs are significantly less cost effective than the others in the same group, those IPs are identified for the sake of transparency.**

Zoom on IP Performance Aspects
Submitting a new Project

In case of questions don't hesitate to contact SDM PFS team, which is pleased to support you.

Questions & Answers

Next Steps
Assessment and Evaluation Process

| Proposals preparation | → | **INEA Evaluation Process** | → | SGA preparation phase | → | Project Execution |

INEA, supported by independent technical experts, carries out a series of preliminary checks on specific requirements and criteria:

- **Admissibility requirements**: *a)* electronic submission; *b)* respect of deadline for submission; *c)* completeness (Part A+B+C+D); *d)* signature by Applicants
- **Eligibility criteria** (Section 6 – Annex I of Multi-annual work-programme): *a)* criteria for eligibility of Applicants; *b)* criteria for eligibility of Actions
- **Selection criteria** (Section 7 – Annex I of Multi-annual work-programme): *a)* financial capacity; *b)* operational capacity
- **Compliance with EU legislation:** Proposals will be requested to demonstrate their compliance with the EU law and policy

Admissible proposals are evaluated against the **award criteria** (Section 8 – Annex I of Multi-annual work-programme):

Relevance: contribution of the proposed Action to the TEN-T priorities, the funding priorities and the specific priorities and objectives

Maturity: state of preparation of the proposed Action and the readiness to start the implementation of the proposed activities

Impact: expected effect of the EU financial support on a financial viability of an economically and socially desirable investment

Quality: soundness of the proposed Action and overall coherence

Next Steps
INEA Timeline from the Call publication to the Signature of the Grant Agreement

Illustrative

Indicative call timeline	Date
Call Opening	6 October 2017
Deadline for Submission	**15 March 2018 (17:00:00 Brussels time)**
Evaluation of proposals	March/May 2018 *(indicative)*
Consultation of the CEF Coordination Committee / Information to the European Parliament	June 2018 *(indicative)*
Adoption of the Selection Decision	July 2018 *(indicative)*
Preparation and signature of individual grant agreements	As of August 2018 *(indicative)*

Extract from: 2017 CEF Transport SESAR call for proposals – INEA – website page dated 17th of October 2017

Next Steps
Assessment and evaluation process – Focus

Indicative call timeline	Date
Call Opening	6 October 2017
Deadline for Submission	**15 March 2018** (17:00:00 Brussels time)
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Illustrative

Principles

Objectivity
- Eligible, selection and award criteria clearly defined in the work programme and the call for proposals

Equal treatment
- All proposals evaluated against the same criteria
- No preferential treatment to any applicant

Transparency
- Adequate feedback to applicants on the outcomes of the evaluation

Next Steps
Assessment and evaluation process – Focus

Indicative call timeline	Date
Call Opening	6 October 2017
Deadline for Submission	**15 March 2018** (17:00:00 Brussels time)
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Adoption of the Selection Decision	July 2018 *(indicative)*
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Illustrative

Evaluation steps

Preliminary Checks	Technical Evaluation	Internal Evaluation & Selection
Admissibility check	Individual assessment	Draft list of proposals recommended for funding
Eligibility check	Consensus meetings	

Selection Criteria & EU Law

INEA → External experts → Commission

Admissibility Check

- Proposal submitted **electronically** in TENtec
- Proposal submitted on **time**
- Complete Proposal
- Proposal **signed** by all applicants

Eligibility Check

- **Eligibility of Applicants**
  - Member States
  - Other Applicants with MS agreement
- **Eligibility of Action**
  - IPs of Common Interest
  - Call-specific criteria
  - Priority-specific criteria

Next Steps
Assessment and evaluation process – Focus

Indicative call timeline	Date *Illustrative*
Call Opening	6 October 2017
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Evaluation steps

Preliminary Checks
- Admissibility check
- Eligibility check

Technical Evaluation
- Individual assessment
- Consensus meetings

Internal Evaluation & Selection
- Draft list of proposals recommended for funding

Selection Criteria & EU Law

INEA → External experts → Commission

Technical Evaluation

- Technical Evaluation performed by **External Independent Experts**
- External experts provide **technical support** on the submitted proposals
- Each proposal is **assessed independently** by at least three experts
- Experts evaluate on the basis of the **information included in the application and against the defined award criteria:**

Relevance   Maturity   Quality   Impact

Next Steps
Assessment and evaluation process – Focus on the Awarded Criteria

In order to **comply with the requirements of technical evaluator**, it is strongly recommended to keep in mind the following four aspects during the **preparation of the Implementation Project Description**

Relevance

Make the description Relevant:
- ✓ Motivating the feature of your project
- ✓ Supporting your statements with qualitative/quantitative data

Maturity

Demonstrate the Maturity of the project:
- ✓ Explaining the readiness to be implemented of the project;
- ✓ Evidencing the low uncertainty/risk about the start of the Project

Impact

Explain the Impact of the project:
- ✓ Evidencing the impact provided by the CEF Transport funding;
- ✓ Explaining positive socio-economic, climate and environment effects of the project

Quality

Improve the Quality of the project description:
- ✓ Demonstrate that the description is sound;
- ✓ Check the completeness and clearness of the description

Next Steps
Assessment and evaluation process – Focus

Indicative call timeline	Date
Call Opening	6 October 2017
Deadline for Submission	**15 March 2018** (17:00:00 Brussels time)
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Illustrative

Evaluation steps

Preliminary Checks
- Admissibility check
- Eligibility check

Technical Evaluation
- Individual assessment
- Consensus meetings

Internal Evaluation & Selection
- Draft list of proposals recommended for funding

Selection Criteria & EU Law

INEA — External experts — Commission

Internal Evaluation

Considers the results of the technical evaluation	Performs budgetary adjustments	Checks complementarity of Actions	Considers EU Added value of Actions	Identifies potential synergies	Takes into account budgetary constraints

Draft list of proposals recommended for funding

Next Steps
Assessment and evaluation process – Focus

Illustrative

Indicative call timeline	Date
Call Opening	6 October 2017
Deadline for Submission	**15 March 2018** **(17:00:00 Brussels time)**
Evaluation of proposals	March/May 2018 *(indicative)*
Consultation of the CEF Coordination Committee / Information to the European Parliament	June 2018 *(indicative)*
Adoption of the Selection Decision	July 2018 *(indicative)*
Preparation and signature of individual grant agreements	As of August 2018 *(indicative)*

Final Selection decision

Preparation of Selection Decision

EC Inter-Service Consultation

Consultation of CEF Coordination Committee Information of the European Parliament

Adoption of Commission Selection Decision

Information to Applicants and Launch of Grant Preparation

Next Steps
SGA Preparation Phase

The **Specific Grant Agreement (SGA)** preparation phase starts after the publication of the INEA selection results (on the basis of the outcomes of the CEF Financial Committee) and will last until the Specific Grant Agreement signature

CEF Calls 2017 Publication 06/10/17

Submission to INEA

Projects selection by INEA End of May 2018 (indicative)

Projects formal awarding End of August 2018 (Indicative)

Proposals preparation → **INEA Evaluation Process** → **SGA preparation phase** → **Project Execution**
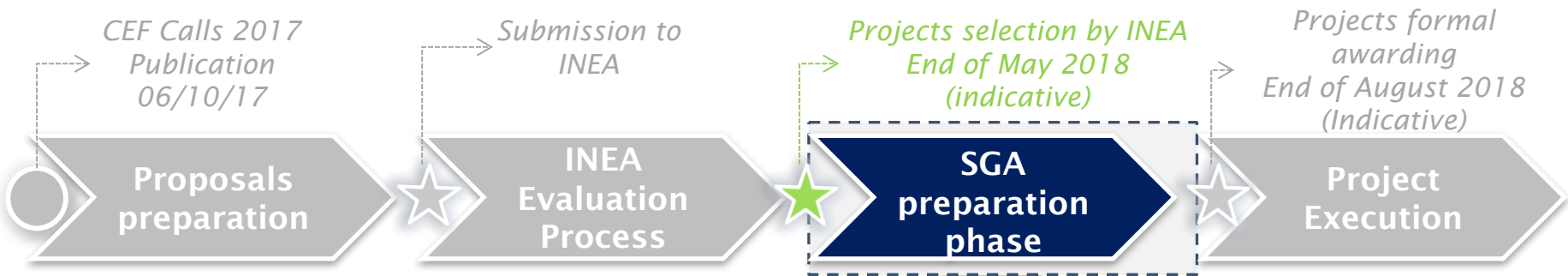
Objectives
- Align **technical/financial contents** of the proposal according to the results of the evaluation process and indications received from INEA/EC
- Finalize **administrative/contractual aspects** (e.g. Mandates, Accession to ICA, etc.)
- Allow the **Specific Grant Agreement (SGA) signature**, and all its prerequisites)

Main Areas
- **Administrative/Contractual** (e.g. Declaration status quo, bank details, mandates, etc.)
- **Technical** (e.g. Action Structure Implementation project details, etc.)
- **Financial** (e.g. Budget of the Action)

Next Steps
Project Execution

CEF Calls 2017
Publication
06/10/17

Submission to
INEA

Projects selection by INEA
End of May 2018
(indicative)

Projects formal
awarding
End of August 2018
(Indicative)

| Proposals preparation | INEA Evaluation Process | SGA preparation phase | Project Execution |

SESAR
DEPLOYMENT MANAGER

LET'S DELIVER TOGETHER

Questions & Answers

STAR Introduction
Log-in (1/2)

- STAR is a collaborative database tool for managing the implementation of the Deployment Programme (DP) with the collaboration of all stakeholders.

- It is accessible in real time, through the web.

- Depending on your role and access rights you have access to focused or consolidated information regarding your proposals, or if you already have IPs funded through previous SGAs to all of your Implementation Projects.
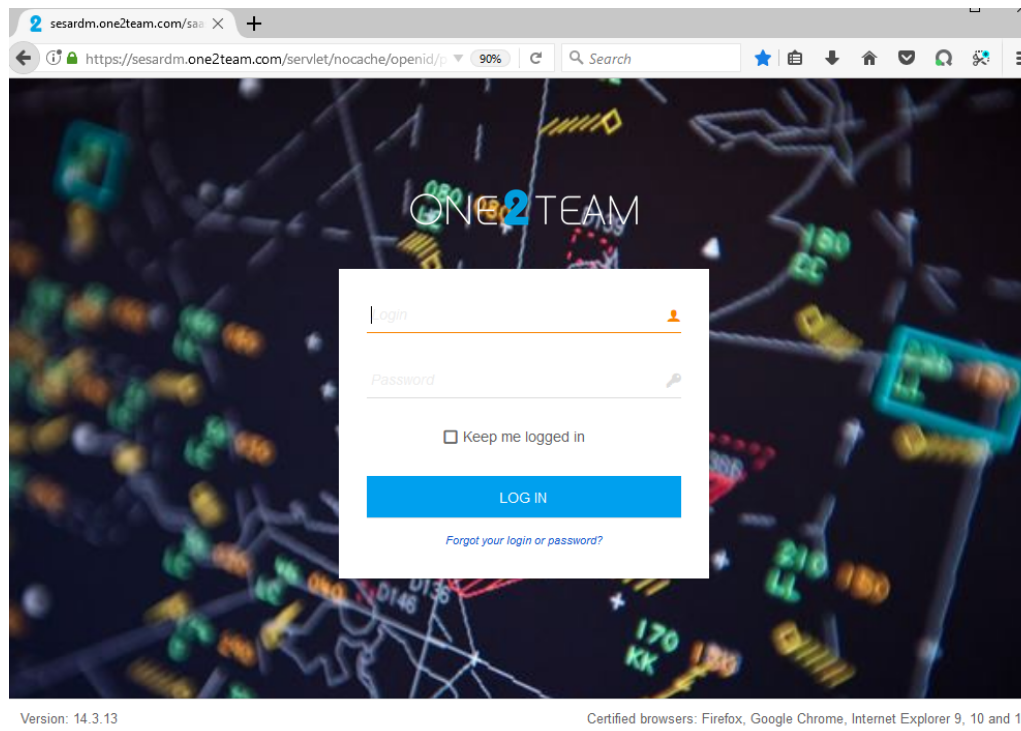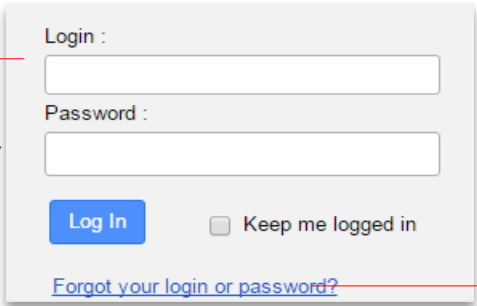
STAR Introduction
Log-in (2/2)

- To be able to log in to STAR you must have a user account set up in your name. To enable this, a request with the following information should have been sent to STAR Support: First Name, Last name, Position or role, Email address, contact phone number, Location City and Country and Organisation

- If this is your first connection and you do not have login and/or password yet, please click on « Forgot your login and password », then choose to renew your password. An email will be sent to your mailbox with a link allowing you to set your password.
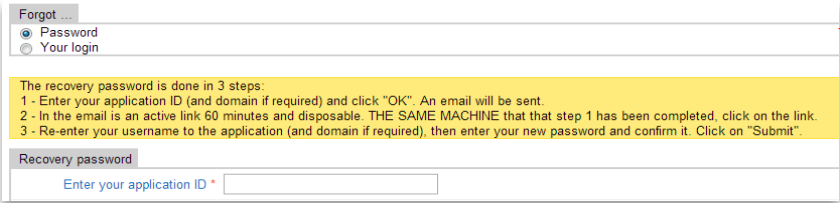
1

Connecting to STAR

In your browser, log on to
https://sesardm.one2team.com/
and enter your Login and Password

Login :

Password :

Log In ☐ Keep me logged in

Forgot your login or password?

Forgot login or password

Click on this link if you have forgotten your username and password, **or if it is your first connection**

2

3

Forgot ...
- ⦿ Password
- ○ Your login

The recovery password is done in 3 steps:
1 - Enter your application ID (and domain if required) and click "OK". An email will be sent.
2 - In the email is an active link 60 minutes and disposable. THE SAME MACHINE that that step 1 has been completed, click on the link.
3 - Re-enter your username to the application (and domain if required), then enter your new password and confirm it. Click on "Submit".

Recovery password
Enter your application ID * [   ]

Enter your login ID to receive an email with new instructions in order to connect

Note: the email will invite you to reset your password. You will be able to log in again with the password you've just created
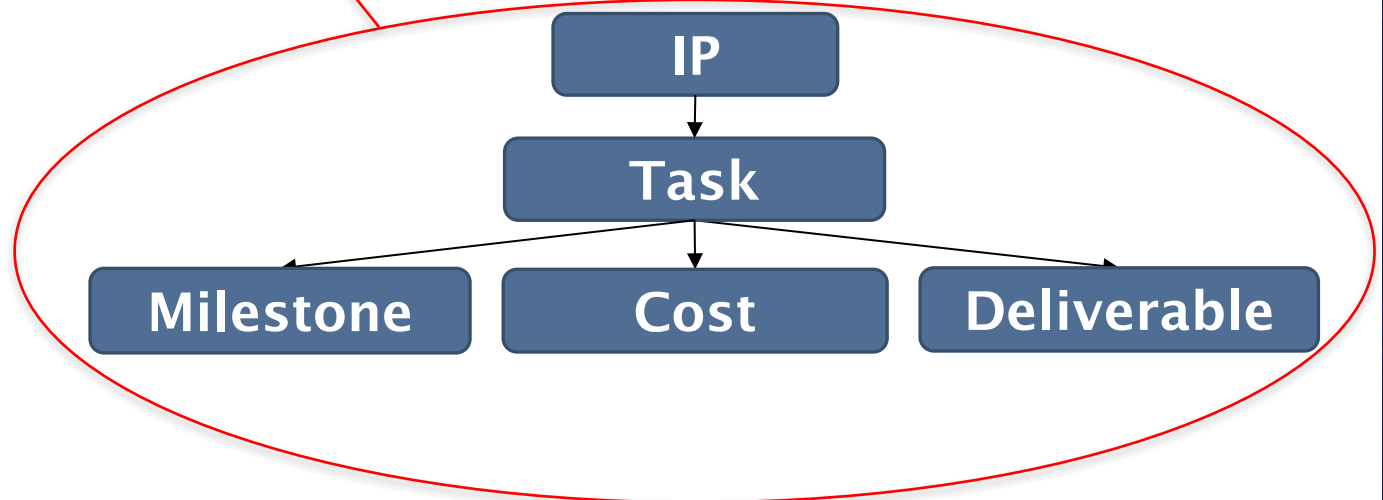
STAR Introduction
Structure for IP Proposals

STAR – The system for gathering all IP Proposal Information and subsequent tracking of awarded projects progress both technically and with respect to eligible costs.

```
┌─────────────────────────────┐
│     IPP/Participant Call     │ ──────  Each Stakeholder organisation
│     Preparation Space        │         will have its own IPP Call
└─────────────────────────────┘         Preparation Space.
        │           │
        ▼           ▼
┌──────────────┐ ┌──────────────┐
│ IP Proposal 1│ │ IP Proposal 2│
└──────────────┘ └──────────────┘
```

When a Participant creates an IP proposal. The information gathered within STAR for the proposal will be in the structure defined here.

```
          ┌──────────┐
          │    IP    │
          └──────────┘
               │
               ▼
          ┌──────────┐
          │   Task   │
          └──────────┘
         /     │     \
        ▼      ▼      ▼
┌──────────┐ ┌──────┐ ┌─────────────┐
│ Milestone│ │ Cost │ │ Deliverable │
└──────────┘ └──────┘ └─────────────┘
```

STAR Introduction
Using STAR for creating a new IP proposal

1

Select the right space

4

Create a new IP Proposal

By clicking on the « New … » button

2 **Select the IP tab**

ILLUSTRATIVE

3

Select the « All IPs » Shared view

This will list in the right part of the screen the list of IP proposals already created

STAR Introduction
Using STAR for modifying an existing IP proposal (1/2)

Select an IP from the list provided by the "All IPs" Shared View (refer to slide #8) by clicking on its title. You will then see the screen below. Note:- If a field is not editable, it is either because the current user has not been granted the rights to do so, or because the field is automatically computed by STAR (e.g. Main AF).

1

Select the subtab you wish modify

2

Click on the MODIFY button

After modifying an IP Proposal, do not forget to click on the "Save" button which only appears after you click on the MODIFY button.

3 **Click on the Back button to return to the previous object or list. In this example the user is brought back to the list of IP Proposals.**

STAR Introduction
Using STAR for modifying an existing IP proposal (2/2)

- Following selection to Modify the IP Proposal, STAR will provide the IP Overview screen. Complete as many fields as possible within the tabs provided, taking care of the following:

- You will only be able to edit fields which you have permissions to edit. Some fields may be calculated by the system or must be completed by dropdown selection. Some other fields will only be editable during the execution of the IP (e.g. Actual Start Date)

1 **All fields marked with a red Asterisk are mandatory fields and need to be completed before being able to save your changes**

2 **All fields marked with a link as shown can be linked to another object by selecting the link**
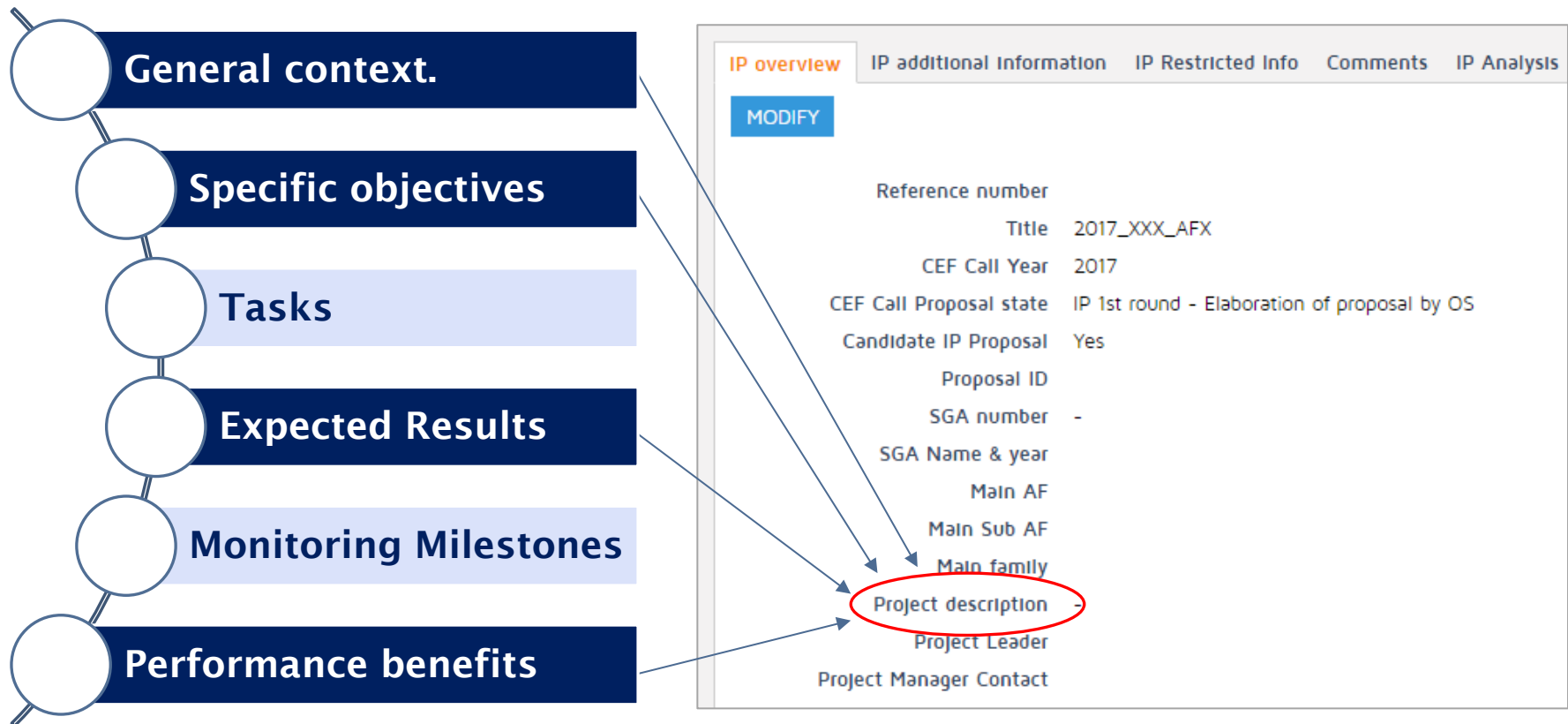
Zoom on IP description
Technical Aspects – Project description (1/6)

- In order to facilitate the assessment of your project proposal, a standardised technical description should be followed. This approach will also facilitate the next steps in the elaboration of the Action material if the proposal is awarded.

- The structure of this description will be:

General context. Main aim of the project and overall framework

Specific objectives. "The Implementation Project aims to:"

Tasks. "The Implementation Project consists of the following tasks:"

Expected Results. "The following results are expected:"

Monitoring Milestones. For all families + Project completed

Performance benefits. Quantifiable benefits of the Implementation Project

Zoom on IP description
Technical Aspects – Project description (2/6)

General context.

Specific objectives

Tasks

Expected Results

Monitoring Milestones

Performance benefits

IP overview   IP additional Information   IP Restricted Info   Comments   IP Analysis

MODIFY

Reference number

Title   2017_XXX_AFX

CEF Call Year   2017

CEF Call Proposal state   IP 1st round - Elaboration of proposal by OS

Candidate IP Proposal   Yes

Proposal ID

SGA number   -

SGA Name & year

Main AF

Main Sub AF

Main family

Project description

Project Leader

Project Manager Contact

Zoom on IP description
Technical Aspects – Project description (3/6)

General context.
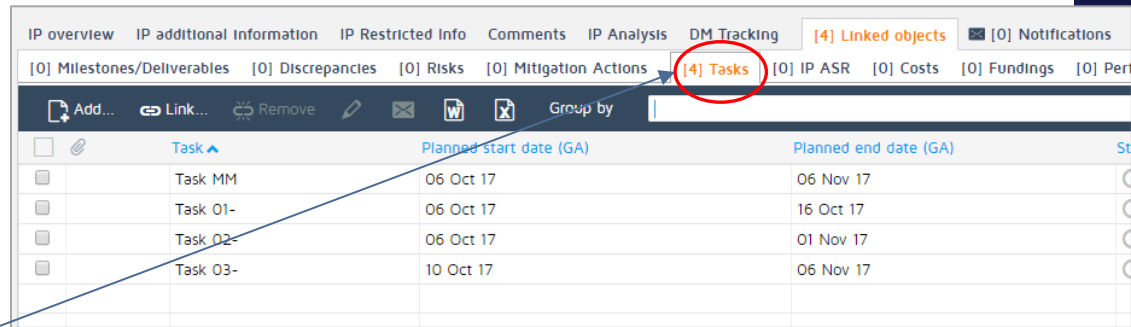
Specific objectives

Tasks

Expected Results

Monitoring Milestones
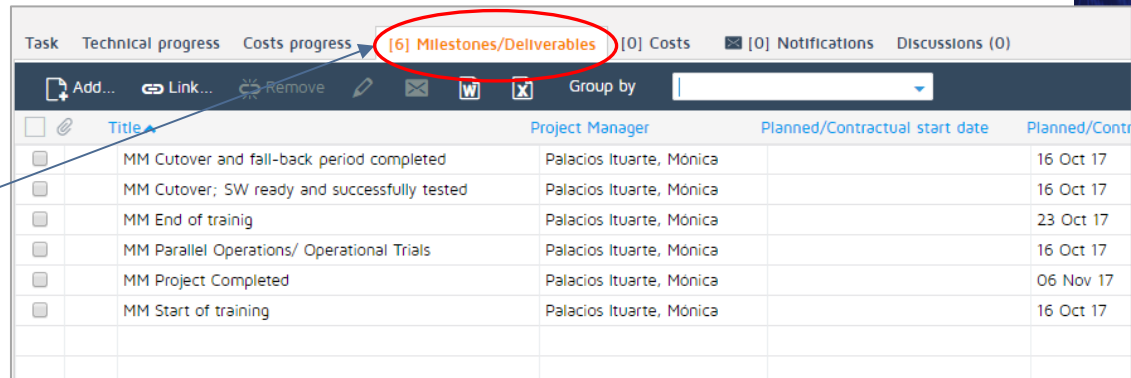
Performance benefits

IP overview | IP additional Information | IP Restricted Info | Comments | IP Analysis | DM Tracking | [4] Linked objects | [0] Notifications

[0] Milestones/Deliverables | [0] Discrepancies | [0] Risks | [0] Mitigation Actions | [4] Tasks | [0] IP ASR | [0] Costs | [0] Fundings | [0] Per

Add... | Link... | Remove | ✎ | ✉ | W | X | Group by

		Task ▲	Planned start date (GA)	Planned end date (GA)	St
☐		Task MM	06 Oct 17	06 Nov 17	
☐		Task O1-	06 Oct 17	16 Oct 17	
☐		Task O2-	06 Oct 17	01 Nov 17	
☐		Task O3-	10 Oct 17	06 Nov 17	

Task | Technical progress | Costs progress | [6] Milestones/Deliverables | [0] Costs | [0] Notifications | Discussions (0)

Add... | Link... | Remove | ✎ | ✉ | W | X | Group by

		Title ▲	Project Manager	Planned/Contractual start date	Planned/Contr
☐		MM Cutover and fall-back period completed	Palacios Ituarte, Mónica		16 Oct 17
☐		MM Cutover; SW ready and successfully tested	Palacios Ituarte, Mónica		16 Oct 17
☐		MM End of trainig	Palacios Ituarte, Mónica		23 Oct 17
☐		MM Parallel Operations/ Operational Trials	Palacios Ituarte, Mónica		16 Oct 17
☐		MM Project Completed	Palacios Ituarte, Mónica		06 Nov 17
☐		MM Start of training	Palacios Ituarte, Mónica		16 Oct 17

Zoom on IP description
Technical Aspects – Project description (4/6)

- All the elements listed for the **project structure** should be described according to the following **principles**:

Section 1: General Context

- Refer to the IP as the "Implementing Project"
- Clarify the general purpose of the IP.
- Check and report interdependencies among the IP and other project within the same Call or other Calls
- Expand all the acronyms when used for the first time

Example

The Implementation Project aims at …

The Implementing Project focuses on the implementation of …

In particular, the main activities performed are:…

Example

The Implementation Project aims to:
- *Identify…*
- *Define…*
- *Deploy…*
- *Ensure…*
- *Achieve…*
- *Update…*
- *etc.*

Section 2: Specific Objectives

- Identify the specific objectives that the Implementing Projects aim to achieve.

Zoom on IP description
Technical Aspects – Project description (5/6)

Section 3: Tasks

- Specify the name and the description of each task.
- Ensure consistency between the GANTT and the IP Description.

Example

The Implementation project consists of the following tasks:
- *Task 01 - ...*
- *Task 02 - ...*
- *Task n - ...*

Example

The following results are expected:
- *....... are identified*
- *...... are defined*
- *...... are upgraded/deployed*
- *Transition from.....to....*
- *Harmonisation and interoperability between...*

Section 4: Expected Results

- Specify the expected results of the Implementing Project.

Zoom on IP description
Technical Aspects – Project description (6/6)

Section 5: Monitoring Milestones

- Input the "Planned/Contractual completion date" for each monitoring milestone of the Implementing Project, both the Family specific and the General ones.
- The MM "Project Completed" must have the same end date as the Implementing Project.

Example

The general milestones for measuring the achievement of the expected results are:

-MM Start of training	XX/XX/XXXX
-MM End of training	XX/XX/XXXX
-MM Parallel Operations/ Operational Trials	XX/XX/XXXX
-MM Cutover; SW ready and Successfully tested	XX/XX/XXXX
-MM Cutover and fall-back period completed	XX/XX/XXXX
-MM Project Completed	XX/XX/XXXX

Example

Improved performance and increased capacity of…%
[…]
Improvement of Safety En Route, Capacity En Route, ANS Cost Efficiency En Route, Flight Efficiency in Time, Flight Efficiency in Fuel by …%
[…]
The implementation of Datalink using multifrequency will reduce costs due to ….. By ….%

Section 6: Performance Benefit

- Specify the benefit in terms of Performance which come from the deployment of the Implementing Project.
- Support the description with quantitative data

Questions & Answers

Closure of the meeting

Nicolas Warinsko

Deputy Managing Director - Director Technical & Operations