

danubefab****

functional airspace block

ANNUAL PLAN 2020

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Abstract			
This document represents the DANUBE FAB Annual Plan for 2020. It is based on the DANUBE FAB Strategic Programme covering the period 2019 to 2023, as required by the State Agreement. This document also considers the conclusions and decisions of the ANSPB/GC meetings 13&14 and SAPSC 22nd meeting.			
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INTRODUCTION

This section provides the purpose, audience and layout of this document. It also describes the way this document should be used.

Background and Legal Basis

The State Agreement commits DANUBE FAB to developing an Annual Plan for adoption by the Governing Council which shall detail the features of the Strategic Programme and describe any modifications to it. As of the 14th meeting of the Governing Council held in Sofia, Bulgaria on the 7th November 2019, it was agreed that the Annual Plan will be approved via correspondence.

The DANUBE FAB Annual Plan consists of the adopted Activities and Tasks for the year 2020 and their means of completion. The plan is based on the high-level provisions set in the latest DANUBE FAB Strategic Programme.

This Annual Plan has been developed with adherence to the Strategic Programme with input from the NSAs, Military and ANSPs of both DANUBE FAB States.

Purpose and Scope

The DANUBE FAB Annual Plan 2020 outlines detailed breakdown of activities and tasks for calendar year 2020 related to the Implementation Projects. These are accompanied with envisioned periods for their achievement in order to meet the longer-term Strategic Programme goals and the means of achievement through specifying meetings, responsibilities, effort required and reporting processes.

The purpose of the Annual Plan is to provide specific detail for each activity and task defined in the Strategic Programme.

Future editions of the Annual Plan will also be required to reflect any modifications to the Strategic Programme.

Publication and Confidentiality

The approved DANUBE FAB Annual Plan 2020 is a public document that is made available on the DANUBE FAB website (www.danubefab.eu).

Aspects of the Annual Plan which are considered confidential and restricted for internal stakeholder use only and inappropriate for general publications will be developed and distributed separately.

Maintenance, Modification and Monitoring

The Annual Plan has been developed by a dedicated Task Force with due consideration of the "DANUBE FAB Strategic Programme 2019-2023" with input from the NSAs, the Military and the ANSPs of both States. The Strategic Programme is expected to be further updated before the 15th Meeting of the DANUBE FAB Governing Council, for example to take account of European developments such as AAS Transition Plan and their impact on DANUBE FAB (the subject of a dedicated Impact Study).

The Annual Plan shall be updated and reissued no less than annually, should significant changes in implementation plans be required (for example as a result of the Impact Study mentioned above) periodic updates may be published as required.

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RELATIONSHIP WITH THE STRATEGIC PROGRAMME

The Annual Plan builds upon the Strategic Objectives, Implementation Projects, Activities and Tasks, as established in the latest Strategic Programme. Additionally, a number of High Priority Projects are identified, which represent the most urgent issues for DANUBE FAB in 2020. These elements may be described as follows:

- **Strategic Objectives (SOs):** The high-level goals for the FAB providing the context for Implementation Projects.
- **High Priority Projects:** A subset of activities and tasks, across various implementation projects, which are deemed to represent the most important and significant projects to be executed by DANUBE FAB in 2020.
- **Implementation Projects (IPs):** Projects for coordination, cooperation and collaboration between DANUBE FAB partners in a number of different areas, these will contribute towards achievement of the Strategic Objectives.
- **Activities:** Set out the component elements of each implementation project.
- **Tasks:** Describe the steps to be taken in order to complete an activity.
- **Specified Means of Completion:** For each Implementation Project and High Priority Project, the method for how to complete each activity and task is also specified.

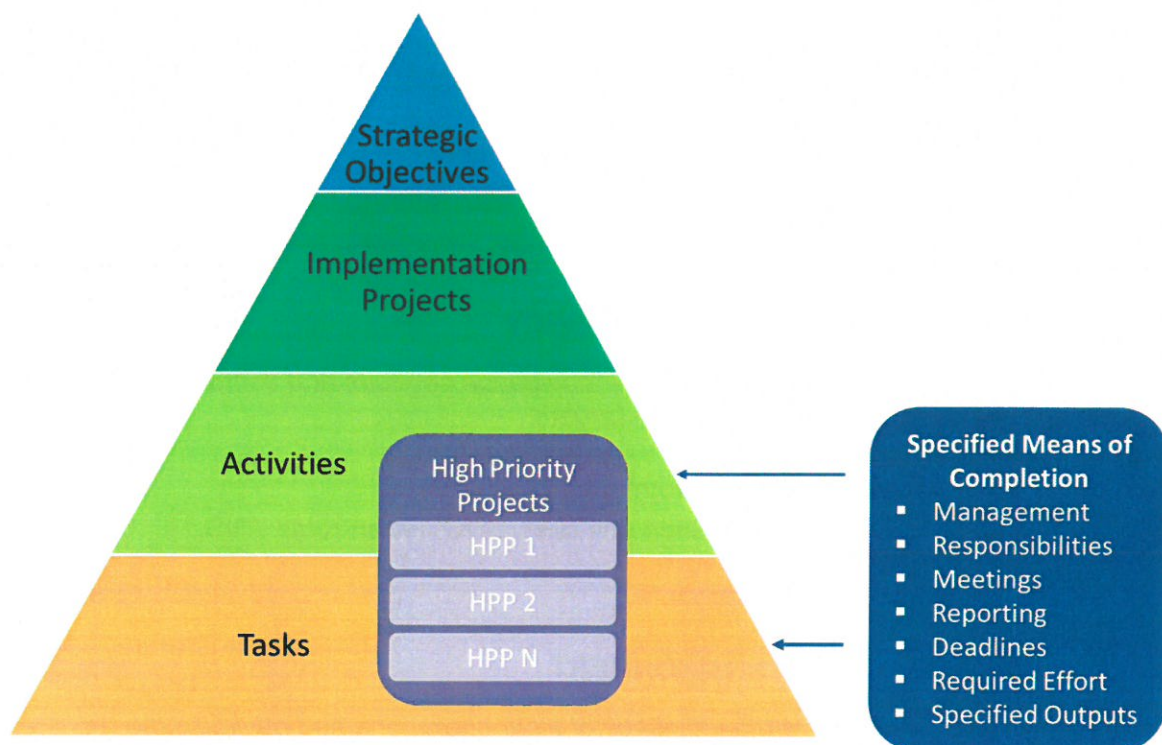


Figure 1: Relationship between levels of the Annual Plan

This document has been developed based on an extraction and elaboration of the activities and tasks specified in the DANUBE FAB Strategic Programme 2019 – 2023, which are to be either fully or partially undertaken in 2020. The plan has been coordinated with domain experts in order to identify the correct timescales for 2020, including all discussions and outcomes from the 14th Meeting of the Governing Council, ANSP Board and SAPSC.

STRATEGIC OBJECTIVES

The DANUBE FAB activities contribute to EU-wide performance targets and specifically the Key Performance Areas of the RP3 Performance Plans of each FAB state. As the FAB is a multi-state initiative, any differences in performance objectives between the two States will be clearly stated or excluded from this plan.

Strategic Objective 1 (SO1): SAFETY

SO1 PERFORMANCE INDICATORS	<i>Maintain and wherever possible improve the current level of safety so that the number of accidents or serious incidents induced by air navigation services at least remains at, or decreases from, its current level, notwithstanding increased traffic.</i> Measurable Performance indicators: • Level of Effectiveness of Safety Management; • Zero Accidents with ATM contributions per year; • Just Culture.
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Strategic Objective 2 (SO2): CAPACITY

SO2 PERFORMANCE INDICATORS	<i>Provide capacity to accommodate increasing traffic and airspace user demands, whilst reducing flight delays.</i> Measurable Performance indicators: • En route ATFM delay per flight.
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Strategic Objective 3 (SO3): COST-EFFICIENCY

SO3 PERFORMANCE INDICATORS	<i>Deliver high quality air navigation services at a competitive rate in line with European-wide targets.</i> Measurable Performance indicators: • Determined unit cost (DUC) for en-route ANS.
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Strategic Objective 4 (SO4): ENVIRONMENT

SO4 PERFORMANCE INDICATORS	<i>Improve the efficiency of flight operations and minimise the environmental impact of ATS.</i> Measurable Performance indicators: • Horizontal en-route flight efficiency (KEA).
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Strategic Objective 5 (SO5): TRANSVERSAL

SO5	<i>Drive benefits through technological changes and interoperability of systems and procedures.</i>
PERFORMANCE INDICATORS	Measurable Performance indicators: • Compliance with the established deployment / implementation deadlines; • Meeting the expectations and needs of customers and stakeholders. Performance against this strategic objective is assessed through the Annual Report.

HIGH PRIORITY PROJECTS

The High Priority Projects represent the most urgent tasks or activities to be undertaken or implemented in 2020 within the DANUBE FAB. The selection of Priority Projects aims to ensure the focus is on significant or vital projects within DANUBE FAB, and therefore represent the areas where focus is required in order to ensure the FAB delivers maximum value.

These projects have been selected after discussion by the SAPSC Co-Chairs and Alternates, with support from the DANUBE FAB PMC. They represent the following projects:

- Free Route Airspace;
- Technical Rationalisation and Infrastructure;
- InterFAB Coordination;
- FAB Enlargement;
- Transition to the new SES developments.

Each High Priority Project is an extraction from the implementation projects, which are introduced in more detail below. Project management structure and implementation activities are detailed with the other implementation projects.

Free Route Airspace

DANUBE FAB has committed to implementing FAB-wide Free Route Airspace beyond night time operations by 2020.

FRA implementation in the DANUBE FAB airspace with a 24-hour cross-border FRA (SEE FRA - South-East Free Route Airspace) was completed on the 7th November 2019. This concept builds on the previous night FRA implementation in the airspaces of Budapest, Bucureşti and Sofia CTAs (SEEN FRA).

Following coordination, it was agreed SEEN FRA operations in Slovakian airspace to be expanded by four hours, as from 27 February 2020. The Network Manager will further approach Slovakia to include Bratislava CTA as an extension of SEE FRA by the end of 2020.

Technical Rationalisation and Infrastructure

DANUBE FAB endeavours to jointly plan CNS infrastructure development and where possible conduct common procurement. The objective of this project is to develop the cooperation in the technical domain by identifying opportunities to coordinate, rationalise and/or share technical infrastructure, thereby generating cost savings.

The top priority activities to be continued from previous plans are:

- Implementation of Voice Over Internet Protocol (VOIP) in ATM (ground-ground);
- Implement Data Link Services above FL 285 (including CPDLC using VDL/2);
- Implement extended set of OLDI messages.

A new priority activity for 2020 is:

- To conduct a comprehensive review and refresh of DANUBE FAB technical rationalisation and infrastructure studies / documentation, with the objective of identifying feasible new common projects. This review shall take place after completion of the updated DANUBE FAB Technical Working Group documents.

InterFAB-Coordination

Cooperation and communication between the nine FABs form the core of the InterFAB Cooperation platform. This platform provides an opportunity for cooperation and coordination

across all the FABs, enabling the alignment of common goals, experiences to be shared and a strong and cohesive voice maintained.

DANUBE FAB is key participant in the InterFAB Coordination Platform and is committed to remaining an attentive and proactive member. To date DANUBE FAB has both participated in and hosted interFAB workshops. DANUBE FAB shall remain an active member in 2020 and shall attend scheduled workshops and prepare for assuming the role of host again.

FAB Enlargement

As a gateway to Europe, DANUBE FAB is in an ideal position to expand the influence of SES and is open for accession of neighbouring countries. It is a long-term strategy of DANUBE FAB to extend its geographical scope. During the thirteenth DANUBE FAB Governing Council (28th May 2019) the Republic of Moldova was officially granted Observer Status in the DANUBE FAB. Representatives of the Republic of Moldova and of the Republic of North Macedonia regularly attend as Observers the DANUBE FAB Governing Council meetings.

DANUBE FAB is committed to expanding the influence of SES and advancing the status of these nations within DANUBE FAB. MOLDATSA & M-NAV will be engaged and encouraged to actively participate at the 15th ANSP Board meeting in Bucharest in Spring 2020. This will take place following the necessary coordination at DG level, setup of point of contacts followed by preliminary coordination meetings and discussions in order to raise some constructive common objectives.

Transition to the new SES developments

The European Commission's vision for a Single European Sky continues to evolve with the release in 2019 of several key documents that will shape the next phases of ATM regulatory developments. These documents included; The Airspace Architecture Study, Wise Persons Group Report, Airspace Architecture Study Transition Plan and ATM Master Plan Lv3.

The impact of these documents on FABs and indeed on future SES package of legislation (e.g. SES2+) are unclear for the moment. Nevertheless, and rather than wait until the impact does become clear, there is an opportunity for DANUBE FAB to take the initiative in anticipation of those next phases of ATM regulatory developments. In other words, DANUBE FAB could analyse the opportunity to become an early mover and undertake projects that might allow it to transition towards the Target Airspace Architecture even before that Architecture becomes clear. To do this will first require:

- SAPSC to develop an Impact Study of the Future architecture of the European airspace (based on the operational and technical dimension set out in the AAS Transition Plan) and the anticipated direction of EU regulations, no later than the end of Q1 2020.
- A reassessment of DANUBE FAB activities against the anticipated direction of travel for EU regulations (including which are applicable at DANUBE FAB level and which are only applicable at individual ANSP level).
- Securing sufficient buy-in to progressing in the anticipated direction. Success will only be possible through collaboration and commitment from all ATM stakeholders including professional staff as well as Member States.
- An update of the DANUBE FAB Strategic Program 2020-2024 and Annual Plan 2020 to reflect the new regulatory direction.

IMPLEMENTATION PROJECTS OVERVIEW

Achievement of the Performance Indicators for each Strategic Objective is through the completion of the Implementation Projects.

The Implementation Projects, are as follows:

- Strategy, Planning, External Relations and Communications;
- NSA Coordination;
- Performance Reporting;
- Human Resources and Training;
- Technical Rationalisation and Infrastructure;
- Operational Activities;
- Safety, Quality, Environment and Security Activities.

The structure of these implementation projects is designed to give a comprehensive description of what the projects are aiming to achieve and importantly, the means of achieving them. The following aspects are therefore specified for each project:

- Overview of Implementation Project;
- Project Management Structure;
- Activities and Tasks;
- Deadlines;
- Responsible personnel;
- Expected outputs and deliverables.

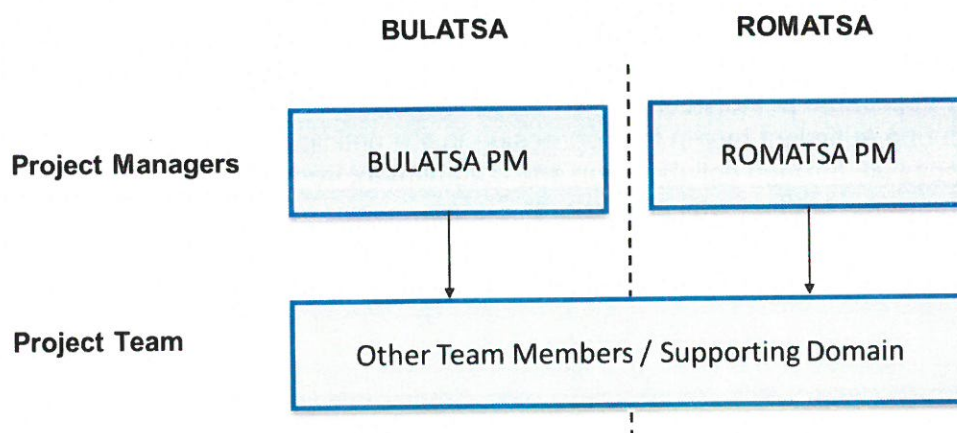
Example Implementation Project

Overview of Implementation Project

This section will give the high level aims of the implementation project, and the end goals which the project is trying to achieve. It will also provide the rationale behind the activities and tasks, explaining the link between how the activities and tasks contribute to the overall Strategic Objectives of the DANUBE FAB.

Project Management

This section gives an overview of the organisational set up of the project, naming the project managers who are the accountable personnel for the completion of the implementation project. For larger implementation projects, a project team is also specified.



Activities, Tasks, Meetings outputs and deliverables

This section gives a detailed breakdown of the activities and tasks necessary to complete the implementation project, including responsibilities, deadlines and expected meetings and outputs.

Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY A01] FORMERLY A01	Maintain Governing Bodies and their specialised Standing Committee/Supporting Bodies.	A1.1	Maintain Governing Council	Q2/Q4 2019	DANUBE FAB Governing Council 13 & 14	SAPSC/ Administrative Cell
		A1.2	Maintain ANSP Board	Q2/Q4 2019	DANUBE FAB ANSP Board 13 & 14	SAPSC/ Administrative Cell
		A1.3	Maintain NSA Board	Q2/Q4 2019	DANUBE FAB NSA Board 13 & 14	NSAs
[ACTIVITY A02] FORMERLY A02	Maintain DANUBE FAB Airspace Policy Body.	A2.1	Maintain Airspace Policy Board	When Required	N/A	OSC / ADODEG

Priority Tasks

For simplicity the priority tasks, identified in the previous section, are included in the complete lists of Activities and Task presented for each implementation project. The Priority tasks are identified by the red-highlighted borders as illustrated below.

		A7.5	Submit coordinated LSSIPs edition Yn	Feb – Mar Yn+1 (2019 – 2029)	DANUBE FAB coordinated LSSIPs	
[ACTIVITY A08] FORMERLY A07	FAB Enlargement.	A8.1	Organise meetings at regional level.	2019 – 2023	N/A	Governing Council
		A8.2	Setup cooperation mechanisms with interested parties for FAB enlargement.	2019	N/A	Competent Authorities
[ACTIVITY A09] FORMERLY A08	Update DANUBE FAB Cost Benefit Analysis.	A9.1	Develop DANUBE FAB CBA Update requirements	Q2 2019	N/A	SAPSC/ Administrative Cell
		A9.2	Issue DANUBE FAB CBA Tender.	Q2 2019	N/A	
		A9.3	Commence CBA Contract	Q4 2019	N/A	
[ACTIVITY A10] FORMERLY A09	Inter-FAB coordination and cooperation.	A10.1	Participate to Inter-FAB meetings.	Ongoing	N/A	SAPSC/ Administrative Cell
		A10.2	Cooperation within the Gate One framework.	Ongoing	N/A	
		A10.3	Investigate areas of cooperation and undertake joint projects when applicable.	Ongoing	N/A	
		A11.1	Update website on regular basis.	Ongoing	N/A	

A- STRATEGY, PLANNING, EXTERNAL RELATIONS AND COMMUNICATIONS

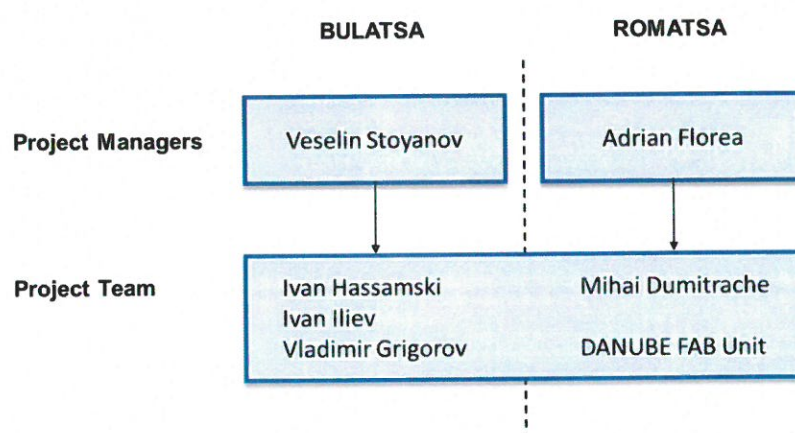
Overview of Implementation Project

Project to maintain the established governance structure of DANUBE FAB; including regular meetings of the Governing Council, the ANSP and NSA Boards. Additionally, to formulate robust implementation projects and activities that clearly articulate how new policies, programmes, plans and actions will be delivered on time, on budget and to expectations; so as to maintain effective strategic and planning processes within DANUBE FAB.

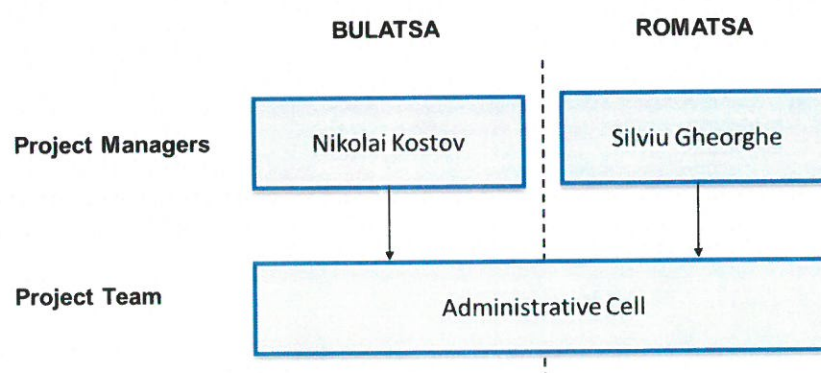
The key activities in this domain are focused on publicising the FAB's achievements, news and opinions through regular publications, update DANUBE FAB website, and a thorough review of the DANUBE FAB communications plan.

Some routine tasks are not included in the table below, in order to focus on key activities for the year. These routine tasks include the production and distribution of press releases for important DANUBE FAB news, maintenance of the DANUBE FAB website and production of presentations and promotional materials.

Project Management (Strategy and Planning)



Project Management (External Relations and Communication)



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Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY A01]	Maintain Governing Bodies and their specialised Standing Committee/Supporting Bodies.	A1.1	Maintain Governing Council.	Q2/Q4 2020	DANUBE FAB Governing Council 15 & 16.	SAPSC/ Administrative Cell
		A1.2	Maintain ANSP Board.	Q2/Q4 2020	DANUBE FAB ANSP Board 15 & 16.	SAPSC/ Administrative Cell
		A1.3	Maintain NSA Board.	Q2/Q4 2020	DANUBE FAB NSA Board 15 & 16.	NSAs
[ACTIVITY A02]	Maintain DANUBE FAB Airspace Policy Body.	A2.1	Maintain Airspace Policy Body.	When Required	N/A	OSC / ADODEG
[ACTIVITY A03]	Update DANUBE FAB Strategic Programme.	A3.1	Initiate development and update of Strategic Programme.	Sept - Nov 2020	Annual project planning meetings to collect data to develop Annual Plan and Strategic Programme. Strategic Programme 2021-2025.	SAPSC
		A3.2	Adopt Strategic Programme (GC Approval).	Dec 2020		
[ACTIVITY A04]	Develop DANUBE FAB Annual Plan.	A4.1	Initiate development and update of Annual Plan.	Sept - Nov 2020	Annual project planning meetings to collect data to develop Annual Plan and Strategic Programme. Annual Plan 2021.	SAPSC
		A4.2	Adopt Annual Plan (GC Approval).	Dec 2020		
[ACTIVITY A05]	Develop DANUBE FAB Annual Report.	A5.1	Initiate development of the Annual Report.	Q1 2020	Annual project planning meetings to collect data to develop Annual Report 2019.	SAPSC
		A5.2	Adopt Annual Report 2019.	Q2 2020		
[ACTIVITY A06]	Maintenance of DANUBE FAB Project Management Plan.	A6.1	Maintenance of DANUBE FAB Project Management Plan.	Ongoing	N/A	SAPSC/ Administrative Cell
[ACTIVITY A07]	Coordination at FAB level to prepare national LSSIPs.	A7.1	Receive and review new set of ESSIP objectives and significant changes to existing ones for Year n.	Jul – Aug Yn (2020 – 2024)	N/A	Virginia Coman Alexander Zarbov

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		LSSIPs RO and BG version, Chapters 3.2 & 4			
[ACTIVITY A08]	FAB Enlargement.	A7.2	Prepare and coordinate LSSIP aspects based on common activities with LSSIP Focal Points and EUROCONTROL Coordinator (Contact Person).	Sep Yn (2020 – 2024)	
		A7.3	Participate to a common DANUBE FAB kick-off meeting for LSSIPs edition Yn.	Sep – Oct Yn (2020 – 2024)	N/A
		A7.4	Common in-cycle activities for the alignment of LSSIPs edition Yn at FAB level (i.e. alignment meetings, e-mail / phone / WebEx sessions coordination).	Jan – Feb Yn+1 (2020 – 2024)	Kick-off meeting at FAB level for LSSIPs edition 2020 coordination (together with Kick-off Event for ESSIP/LSSIP 2020).
		A8.1	Organise meetings at regional level.	2020 – 2024	N/A
[ACTIVITY A09]	Update DANUBE FAB Cost Benefit Analysis.	A8.2	Setup cooperation mechanisms with interested parties for FAB enlargement.	2020	N/A
		A8.3	Prepare and coordinate official correspondence at ANSP DG level with MOLDATSA & M-NAV.	Q1 2020	Ascertain a point of Contact at ANSP Level for MOLDATSA & M-NAV
		A8.4	Setup Coordination meetings with MOLDATSA & M-NAV to explore avenues for future collaboration and full DF membership.	Q1/Q3 2020	Informal meetings, WebEx, video conference etc., conducted as required.
		A8.5	Initiate Invitations for MOLDATSA & M-NAV to actively attend and participate in 15 th ANSPB meeting.	Q1 2020	MOLDATSA & M-NAV active participation in 15 th ANSPB meeting
[ACTIVITY A10]	Inter-FAB coordination and cooperation.	A9.1	Commence CBA Contract.	Q1 2020	N/A
		A9.2	Report Deliverables.	Q1 2021	CBA Final Reports
		A10.1	Participate to Inter-FAB meetings.	Ongoing	N/A
		A10.2	Cooperation within the Gate One framework.	Ongoing	N/A
[ACTIVITY A11]	Maintain and update DANUBE FAB website and extranet application.	A10.3	Investigate areas of cooperation and undertake joint projects when applicable.	Ongoing	N/A
		A11.1	Update website on regular basis.	Ongoing	N/A
		A11.2	Develop specifications for the procurement of maintenance services	Q1 2020	Develop specifications for the procurement of maintenance services for DANUBE FAB website and extranet application.

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		for DANUBE FAB website and extranet application.				
		A11.3	Organise procurement of maintenance services for DANUBE FAB website and extranet application.	Q1 2020	Organise procurement of maintenance services for DANUBE FAB website and extranet application.	
		A11.4	Development and maintenance of digital information resources.	Ongoing	N/A	
[ACTIVITY A12]	DANUBE FAB Publicity	A12.1	Ongoing activities to include all press releases, newsletter, documents for library, etc. onto web site.	Ongoing	N/A	SAPSC Administrative Cell
		A12.2	Maintain FAB distribution list, comprising internal and external stakeholders and customers, including EU institutions.	Ongoing	N/A	
[ACTIVITY A13]	Support FAB international standing and relations.	A13.1	FAB representation at international events (e.g. NM, ECTL, EC, EASA, etc.).	Ongoing	N/A	SAPSC/ Administrative Cell
		A13.2	FAB participation at World ATM Conference.	Q1 2020	N/A	SAPSC
		A13.3	Analyse and agree on FAB participation at World ATM Conference 2021.	Q3 2020	Opportunity Study for FAB participation at World ATM Conference 2021. DANUBE FAB ANSP Board 15 & 16.	SAPSC/ Administrative Cell
		A13.4	Administrative activities to support of the coordination with EC (i.e. SSC and DG MOVE).	Ongoing	N/A	SAPSC/ Administrative Cell Contact persons GC / ANSP Board / NSA Board
[ACTIVITY A14]	Maintain regular stakeholder consultation.	A14.1	Coordinate, if necessary, stakeholder consultation meetings.	Ongoing	N/A	SAPSC/ Administrative Cell
[ACTIVITY A15]	Coordinate position for Network Management Board.	A15.1	Coordinate activities of the Network Management Board.	Ongoing	N/A	SAPSC/ Administrative Cell
[ACTIVITY A16]	External communication relating to SESAR.	A16.1	Coordinated participation in deployment reporting to SESAR Deployment Manager when required (PCP).	Ongoing	To be reviewed Q1 2020 post Impact study findings.	Ruxandra Sirbu Ivan Iliev

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		A16.2	Coordinated participation in SESAR Deployment Manager Stakeholder Consultation Platform (SCP).	Ongoing	To be reviewed Q1 2020 post Impact study findings.	
[ACTIVITY A17]	Social Consultation Forum.	A17.1	Organise Social Consultation Forum.	Q2/Q4 2020	Error! Reference source not found.	SAPSC/ Administrative Cell
		A18.1	Develop Impact study – Future Architecture of the European Airspace against the DANUBE FAB activities. (Following Activity E01.2)	Q1 2020	Impact Study document to be used to influence revision of Annual Plan 2020.	SAPSC/ Administrative Cell
		A18.2	Revisit Annual Plan 2020 and adjust accordingly based on findings derived from Impact Study (Following Activity A18.1)	Q1 2020	Updated AP 2020 document to be used to influence development of Strategic Programme 2020-2024.	SAPSC/ Administrative Cell
[ACTIVITY A18]	Transition to the new SES developments.	A18.3	Develop DANUBE FAB Strategic Programme 2020-2024 (Following Activity E01.2 & A18.1 & A18.2)	Q1 2020	To be submitted for approval via correspondence or the latest at the 15 th ANSPB& GC meeting.	SAPSC/ Administrative Cell

B- NSA COORDINATION

Overview of Implementation Project

Implementation and monitoring DANUBE FAB NSAs Annual Plan for 2020.

Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY B01]	Review NSA Rules and Procedures and harmonise as the case may be.	B1.1	Review NSA Rules and Procedures and harmonise as the case may be.	Continuous process, according to NSAs Annual Plan	NSA Board Meetings	NSAs
[ACTIVITY B02]	Implementation of the "Consultation Mechanism and processes for the harmonisation of rules and procedures", ed. 1/2013.	B2.1	Implementation of the "Consultation Mechanism and processes for the harmonisation of rules and procedures".	Continuous process, according to NSAs Annual Plan	NSA Board Meetings	NSAs
[ACTIVITY B03]	Mutually Recognise Supervisory Tasks.	B3.1	Mutually Recognise Supervisory Tasks.	Continuous process, according to NSAs Annual Plan	NSA Board Meetings	NSAs
[ACTIVITY B04]	Cooperate in supervision, oversight, safety and security policy, coordination with the Network Manager and stakeholder consultation and exchange of information.	B4.1	Cooperate in supervision, oversight, safety and security policy, coordination with the Network Manager and stakeholder consultation including information on how compliance with (EU) Regulation 2017/373, – ATM/ANS.OR.D.015 financial strength – economic and financial capacity is done, as well as on findings during NSAs' annual audits.	Continuous process, according to NSAs Annual Plan	NSA Board Meetings	NSAs

DANUBE FAB Annual Plan 2020

[ACTIVITY B05]	Formal coordination forum between the NSAs, including coordination of security issues (physical, cyber and airspace).	B5.1	Formal coordination forum between the NSAs.	Continuous process, according to NSAs Annual Plan	NSA Board Meetings	NSAs
		B5.2	NSAs to set up a common task force to monitor performance.	2020		
		B5.3	Coordination of Cyber Security at FAB level.	2020		

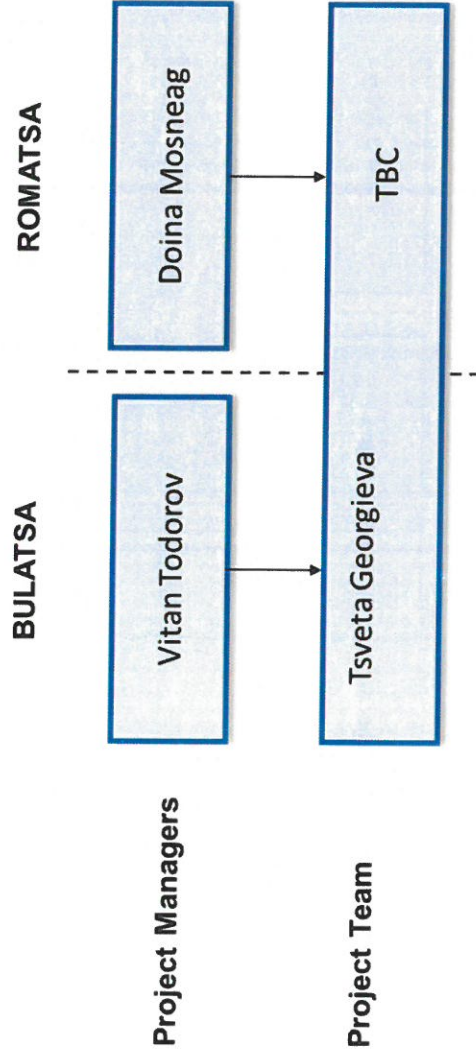
C- PERFORMANCE REPORTING

Overview of Implementation Project

Activities relating to the final year on reporting of DANUBE FAB performance.

DANUBE FAB is now in RP3 which will bring the option of ANSP level performance scheme or FAB level. The only related activities for 2020 are the reporting of the 2019 year.

Project Management



Activities and Tasks

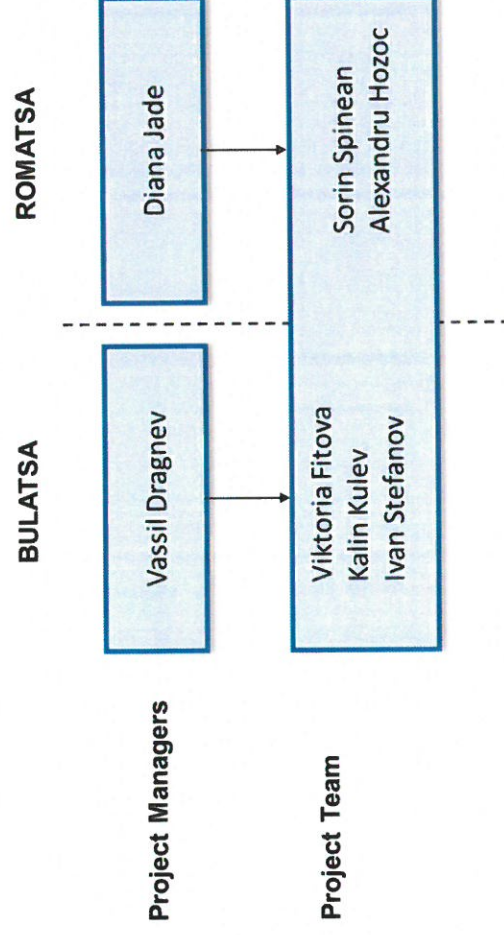
REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL/ BODY
[ACTIVITY C01]	Reporting of Performance (as required).	C01.1	Submission of State Monitoring Reports.	1st Jun 2020	State Monitoring Report for the last period of RP2.	NSAs, SAPSC
		C01.2	Submission of Reporting Tables for previous reporting period (n-1)	1st Jun 2020	N/A	NSAs, SAPSC

D-HUMAN RESOURCES AND TRAINING

Overview of Implementation Project

The Human Resources and Training project of DANUBE FAB aims to increase the efficiency and cost-effectiveness of training across the FAB. This will be achieved through harmonisation of annual training plans, methodologies and investigating the implementation of shared training courses.

Project Management



Activities and Tasks

General

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY D01]	Maintain Common Training Board	D01.1	Training Board meeting	Q2 2020	Training Board.	Training Board
		D01.2	Training Board meeting	Q4 2020	Training Board.	

DANUBE FAB Annual Plan 2020

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
		D01.3	ToR and Training Policy of the training board to be reviewed and updated as required.	Ongoing Activity.	Training Board. Updated DANUBE FAB Training Board ToRs and Training Policy	
		D01.4	Update of Concept for the Sharing of Resources Skeleton document	Q1 2020	Updated document to provide data for the DANUBE FAB Pilot Projects (ATCO& ATSEP)	
		D01.5	Develop Pilot Project ATCO & ATSEP	Q2 2020	Carry out Pilot training Project	
		D01.6	Exchange training information & best practices with FABEC via InterFAB platform	Q1 2020	Develop DANUBE FAB initial ATCO training material	
[ACTIVITY D02]	Joint FAB approach to EUROCONTROL training and testing services.	D02.1	Maintain joint FAB approach to EUROCONTROL training and testing services.	Ongoing Activity.	Training Board.	Training Board.

Establish Common Approach for ATCO training

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY D03]	Applying the requirements of Regulation 340/2015.	D03.1	Coordination and harmonization of selection process for instructors and assessors	Q2 2020	Training Board	Diana Jade Vassil Dragnev
		D03.2	Investigate common development of training courses (Assessors Training, Assessors Refresher Training, TTI, TTI-REF)	Ongoing	Training Board	Diana Jade Vassil Dragnev
[ACTIVITY D04]	Coordination and harmonisation of ATCO selection activities (response to increased traffic).	D04.1	Share info on recruitment processes and harmonise where appropriate: - Marketing Policies; - ATCO selection Requirements; - Review ATCO SEL stages, changes since last common SEL requirement approval; - Procedures for repeat attempts; - Steps after FEAST (interview/BOS skills).	Ongoing	Training Board	Diana Jade Vassil Dragnev

Harmonisation of MET Training

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY D05]	Annual coordination between BULATSA and ROMATSA MET training managers.	D05.1	Exchange of expertise and experience between BULATSA and ROMATSA MET staff.	Ongoing Activity	Error! Reference source not found.	Venelina Toskova Alexandru Hozoc
[ACTIVITY D06]	Identify common training opportunities for AMP professional development.	D06.1	Identify common annual training opportunities for AMP professional development.	Ongoing Activity.	Informal meetings, WebEx, video conference etc., conducted as required. MET working meeting to be convened as required.	Venelina Toskova Alexandru Hozoc

ATSEP Training

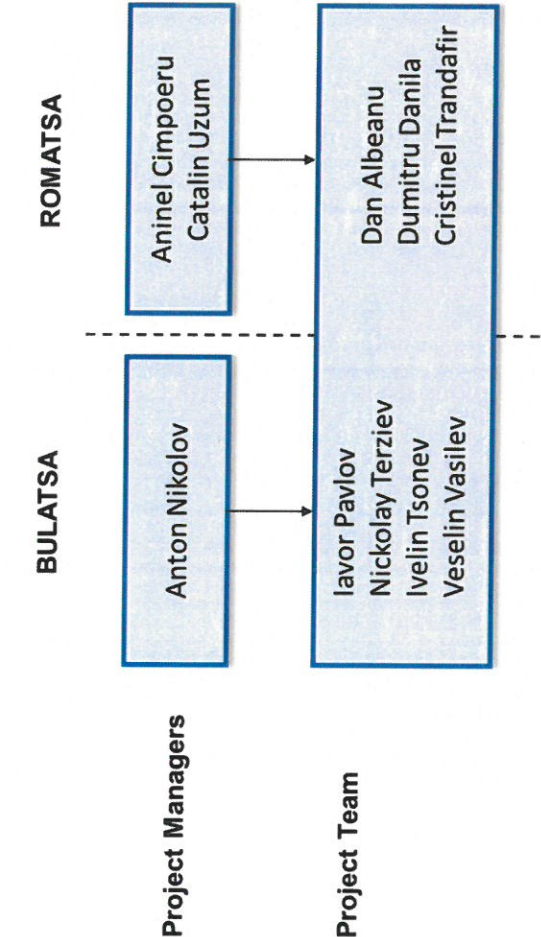
REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY D07]	Investigate common approach to ATSEP training and certification.	D07.1	Continued investigation into harmonization of ATSEP certification, training and competency processes.	Ongoing Activity.	Informal meetings, WebEx, video conference etc., conducted as required.	Sorin Spinean Kalin Kulev
		D07.2	ATSEP training representative to join Technical Working Group Meetings.	Ongoing Activity.	Training Board.	Sorin Spinean Kalin Kulev
		D07.3	Produce joint DANUBE FAB training programme for ATSEP, in at least one CNS domain, present to ANSP Board.	Q2 2020	Training Board.	Sorin Spinean Kalin Kulev
[ACTIVITY D08]	Investigate a common Roadmap for implementation of requirements of Reg. EU 2017/373.	D08.1	Investigate a common Roadmap for implementation of requirements of Reg. EU 2017/373.	2020	N/A	Sorin Spinean Kalin Kulev

E-TECHNICAL RATIONALISATION AND INFRASTRUCTURE

Overview of Implementation Project

As communicated to the European Commission in the Observations on the Letters of Formal Notice in November 2014, DANUBE FAB endeavours to jointly plan its CNS infrastructure development and where possible conducts common procurement. The objective of this project is to further develop the cooperation in the technical domain by identifying opportunities to coordinate, rationalise and/or share technical infrastructure, thereby generating cost savings.

Project Management



DANUBE FAB Annual Plan 2020

Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY E01]	Maintain Technical Working Group (TWG).	E01.1	Maintain Technical Working Group (TWG).	Ongoing Activity.	Technical Working Group Meeting	TWG members
			Review of existing DANUBE FAB Technical rationalisation and Infrastructure documentation, including			
		E01.2	- DANUBE FAB Strategic and Harmonisation Plan for CNS assets (Edition 1.0/14.06.2012) - DANUBE FAB Refined Technical Architecture 2016 (edition 1.0 / 19.04.2012)	30 th Jan 2020	Updated documents to be used to influence, Impact study, updated Annual Plan 2020 and development of Strategic Programme 2020-2024.	TWG members, Administrative Cell
		E02.1	Establish safety assessment requirements for expanding use of VOIP Ground-Ground nationally and internationally.	Q4 2020	N/A	Safety Experts Communication Experts
		E02.2	Develop safety assessment for international VOIP ground to ground communications (if required).	Q4 2020	N/A	Safety Experts Communication Experts
[ACTIVITY E02]	Implementation of Voice Over Internet Protocol (VOIP) in ATM (ground-ground).	E02.3	System certification/authorisation for VoIP and acceptance of change by NSA (if required).	TBC	N/A	Safety Experts Communication Experts
		E02.4	Put into service upgraded VOIP communication between VCS systems.	TBC	N/A	Anton Nikolov Cristinel Trandafir
		E03.1	Input, if necessary, to bilateral communication activities with neighbouring FABs.	Ongoing Activity.	N/A	Anton Nikolov Dan Albeanu
[ACTIVITY E03]	Support Inter-FAB cooperation activities.		Initiate activities for certification /authorisation of the new ROMATSA ATM system implementing AGDL and acceptance of change by the Romanian NSA.	Q2 2020	N/A	Technical Experts, NSAs
		E04.1				
[ACTIVITY E04]	Implement Data Link Services above FL 285 (including CPDLC using VDL/2).					
[ACTIVITY E05]	Provide appropriate terrestrial navigation infrastructure to support RNAV operation.		Maintain FAB level coordination for future development of NAV infrastructure.	Ongoing Activity.	Technical Working Group Meeting.	Anton Nikolov Dan Albeanu Navigation Experts
		E05.1				

DANUBE FAB Annual Plan 2020

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY E06]	Operational use of and exchange of ADS-B surveillance data within DANUBE FAB.	E06.1	Joint use study for ADS-B Data within DANUBE FAB.	Q1 2020	Technical working group meetings.	Anton Nikolov Danila Dumitru Surveillance and Data Processing experts
		E06.2	Implementation study for sharing of ADS-B data within DANUBE FAB.	2021	Technical Working Group Meetings.	Anton Nikolov Danila Dumitru Surveillance and Data Processing experts
		E06.3	Monitoring the evolution of space-based ADS-B surveillance services, for opportunity to be implemented in the DANUBE FAB airspace.	Ongoing	Technical Working Group Meeting.	Anton Nikolov Danila Dumitru Surveillance and Data Processing experts
		E07.1	Establishment of common messages to be implemented.	Ongoing Activity	Common Messages publication.	Veselin Vasilev Catalin Uzum
[ACTIVITY E07]	Implement extended set of OLDI messages.	E07.2	Integrated test of LOF, NAN messages.	ON-HOLD	ON-HOLD: Awaiting implementation of ROMATSA upgraded ATM system.	Veselin Vasilev Catalin Uzum
		E07.3	Operational use of LOF and NAN messages (ROMATSA: depending on OPS acceptance for operational use in the New ATM System).	ON-HOLD	ON-HOLD: Awaiting implementation of ROMATSA upgraded ATM system.	Veselin Vasilev Catalin Uzum
		E07.4	Consider further extension of OLDI message set, also activation of route unification of the format needed for CFL ADEXP.	ON-HOLD	ON-HOLD: Awaiting implementation of ROMATSA upgraded ATM system.	Veselin Vasilev Catalin Uzum
[ACTIVITY E08]	Maintain Service Level Agreements for the shared use of Surveillance, of Communication and Navigation	E08.1	Check and update Service Level Agreements for the shared use of Surveillance, Communication and Navigation.	Ongoing Activity.	Technical Working Group Meeting January 2020 to update SLA's.	TWG

F-OPERATIONAL ACTIVITIES

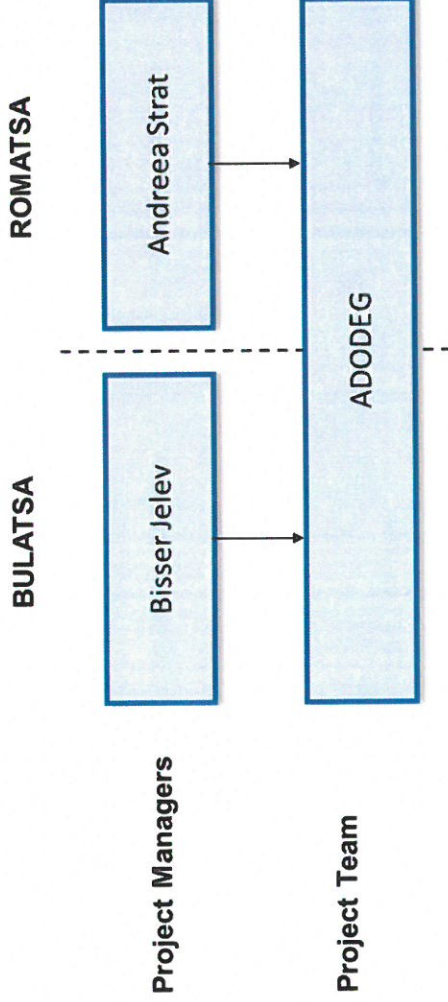
Airspace Design

Overview of Implementation Project

Under this project new routes will be implemented by applying the necessary process for airspace changes including capacity analysis and safety assessments of the route changes. Airspace proposed changes must be agreed and endorsed by all institutional bodies involved according to legislation, in order to become valid.

The safety assessments are assumed to be a common effort and the NSAs will need to approve the safety assessment before publication. The final step is the publication of the route changes in the AIPs and this would usually need to be delivered for processing 3-4 AIRAC cycles before the effective date. Significant airspace redesign usually requires around 2-3 days' training per ATCO. Routes that could require cross-border sectorisation may require small-scale RTS. Integrated Airspace Management (ASM) and Air Traffic Flow and Capacity Management (ATFCM) process within the collaborative air traffic management framework will be gradually applied within the DANUBE FAB area. Proposed DANUBE FAB routes are part of the ERNIP.

Project Management



DANUBE FAB Annual Plan 2020

Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY F01]	Routes and airspace changes for the period 2019-2022 as planned in ERNIP.	F01.1	Safety Assessment of the route changes, if any.	2020-2022	Joint Safety assessment of route changes.	Bisser Jelev Andreea Strat
		F01.2	Acceptance of the change, if any.	2020-2022	Combined acceptance of route changes.	Bisser Jelev Andreea Strat
		F01.3	Publication of the route changes in the AIPs, if any.	2020-2022	Combined publication of route changes.	Bisser Jelev Andreea Strat
[ACTIVITY F02]	Implement necessary sector re-shaping.	F02.1	Implement necessary sector re-shaping, if any.	Ongoing	N/A	Bisser Jelev Andreea Strat
[ACTIVITY F03]	Develop common airspace policy and perform annual updates.	F03.1	Develop common airspace policy and perform annual updates.	2020	Common airspace policy document.	Bisser Jelev Andreea Strat
[ACTIVITY F04]	Implement extension of SEE FRA with the participation of other neighbouring countries.	F04.1	Implement extension of SEEN FRA to H24 (SEE FRA).	2020	Bratislava CTA joins SEE FRA.	ATM Experts
		F04.2	Investigate expansion of SEE FRA to neighbouring countries.	2021	Capability assessment of neighbouring countries to be able to implementation 24H FRA.	ATM Experts
[ACTIVITY F05]	Implement longer term airspace changes after 2021 as proposed in ERNIP.	F05.1	Implement longer term airspace changes after 2021 as proposed in ERNIP.	Ongoing Activity	N/A	ATM Experts
[ACTIVITY F06]	Terminal airspace projects and evolution towards future CDA operations.	F06.1	Terminal airspace projects and evolution towards future CDA operations	Ongoing Activity	N/A	ATM Experts
[ACTIVITY F07]	Common ASM/ATFCM functions applied within the FAB.	F07.1	Common ASM/ATFCM functions applied within the FAB.	ON HOLD	N/A - To be reevaluated following ROMATSA ATM system operational.	ATM Experts
[ACTIVITY F08]	Analyse the possibility of introducing the dynamic airspace management.	F08.1	Analyse the possibility of introducing the dynamic airspace management.	ON HOLD	N/A	ATM Experts

Operational Procedures Management

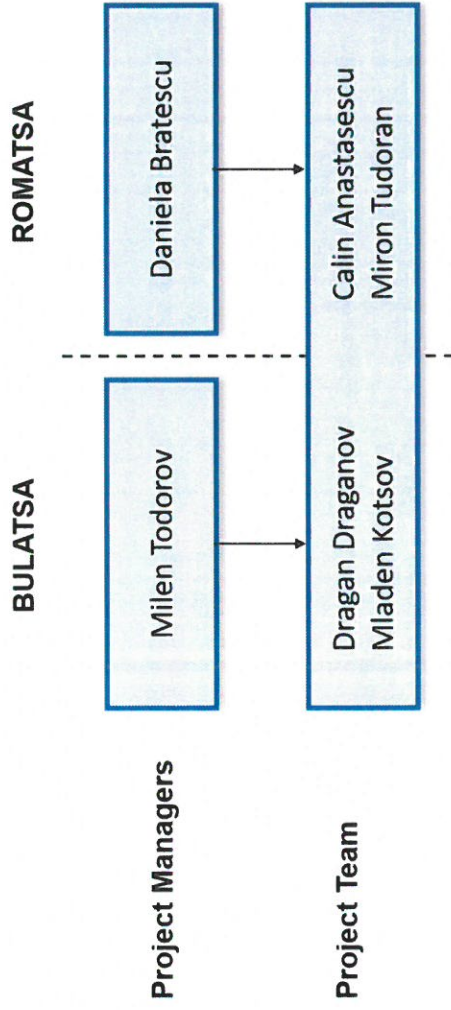
Overview of Implementation Project

Operational procedures need to be continuously updated and revised as the airspace is developed and improved in order to remain safe and efficient. The Operational Procedures working group is tasked with fulfilling that role. DANUBE FAB operates using a common Concept of Operations (DANUBE FAB Concept of Operations, ed. 4.0, dated 07.05.2018 – ‘ConOps’) which describes the DANUBE FAB operational environment and associated operational improvements planned up to and after 2019.

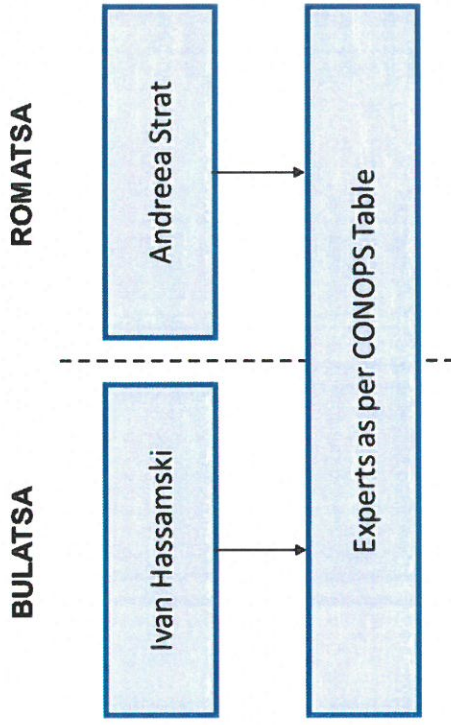
The ConOps is a living document, which describes the provision of ATM/ANS in the DANUBE FAB, and as such it is important that it is developed and maintained as the FAB develops.

Project Management

Operational Procedures Management:



Concept of Operations Project Management:



DANUBE FAB Annual Plan 2020

Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY F09]	Maintain harmonised ATS procedures.	F09.1	Operational Procedures Subgroup meetings (as required).	As Required	Meeting with the Operational Procedures Subgroup.	Milen Todorov Daniela Bratescu
		F09.2	Share plans, if available, in relation to RPAS developments and consider joint development.	Ongoing	N/A	Milen Todorov Daniela Bratescu
		F09.3	Review and update Operational Procedures Harmonization Plan.	Ongoing	Develop SEE FRA ConOps.	Milen Todorov Daniela Bratescu
[ACTIVITY F10]	Maintenance of LOA.	F10.1	Maintenance of LoA, updates as required.	Ongoing	N/A	Ivan Hassamski Daniela Bratescu
[ACTIVITY F11]	Maintain up to date & comprehensive DANUBE FAB CONOPS.	F11.1	Distribute Word version of latest DANUBE FAB CONOPS for update (as required)	Ongoing	Meeting with the Operational Procedures Subgroup.	Ivan Hassamski Daniela Bratescu
		F11.2	Identification and coordination of necessary amendments of the ConOps and carrying out the terms set out in the ConOps Maintenance Procedure (as required).	Annually	N/A	Ivan Hassamski Daniela Bratescu
[ACTIVITY F12]	Enhanced civil-military cooperation (TSA/TRA optimisation, increased use of CDRs, LARA at FAB level).	F11.3	Progress Report to OSC (as required).	Ongoing	Progress report to OSC.	Ivan Hassamski Daniela Bratescu
		F12.1	Maintenance of DANUBE FAB CONOPS.	Q1 2020	Meeting with Civil and military experts, CONOPS updated as required.	Mladen Kotsov Adrian Codi
		F12.2	Interconnect LARA software (Graphical)	Q1 2020	Technical connection for Q1 2020	
[ACTIVITY F13]	Enhanced civil-military coordination and other activities.	F12.3	LARA Implementation with Eurocontrol	Q4 2020	Operational implementation	Mladen Kotsov Adrian Codi
		F13.1	Civil-Military procedures to be shared between ROMATSA and BULATSA.	2020	- English Language Translations of Civil / Military Procedures - Translation to be shared between BULATSA AND ROMATSA	Mladen Kotsov Adrian Codi
		F13.2	Civil-Military procedures to be harmonised where possible.	Ongoing	Following translations Informal meetings, WebEx, video conference ect, conducted as required.	Mladen Kotsov Adrian Codi
		F13.3	Coordination Large Size Drones – Predator – Ripper with Civilian Traffic	Ongoing	Meetings, WebEx, video conference ect, conducted as required.	Mladen Kotsov Adrian Codi

DANUBE FAB Annual Plan 2020

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
		F13.4	Common Approach to harmonize Regulation 947 /45	Ongoing	Meetings, WebEx, video conference ect, conducted as required.	Mladen Kotsov Adrian Codi

'ConOps' Responsibilities

SECTION	TITLE	RESPONSIBLE PERSONNEL				
		BULATSA	ROMATSA		Body	
1	Introduction	N/A	N/A		OSC	
2	The DANUBE FAB Concept	N/A	N/A		OSC	
3	Concept of Operations Project Management	Ivan Hassamski	Andreea Strat		N/A	
4	Airspace Organisation	Rossen Yanchev, Bisser Jelev, Petar Papazov	Eduard Payer, Adrian Stefan, Daniela Brătescu, Andreea Strat, Cdr Marius Radoi		N/A	
5	Air Traffic Management Operations	Bisser Jelev, Milen Todorov Col. Hristo Stanev	Adrian Codi, Stefan Adrian, Daniela Brătescu, Andreea Strat, Cdr Marius Radoi, capt.cdr. Daniel Posnaes		N/A	
6	Military Operations	Dragan Draganov, Col. Hristo Stanev	Adrian Codi, Capt. Cdr. Daniel Posnaes		N/A	
7	Interoperability	Veselin Vasilev, Ivan Iliev, Dragan Draganov	Andreea Strat, Catalin Uzum, Claudiu Cruceanu		N/A	
8	MET Services	Viktoria Fitova	Laurentiu Brojboiu		N/A	
9	AMS	Martina Stoyanova Silvia Karajaneva	Mirela Ionescu		N/A	
10	Check ESSIP and LSSIP References and ensure up to date	Ivan Iliev	Virginia Coman		N/A	

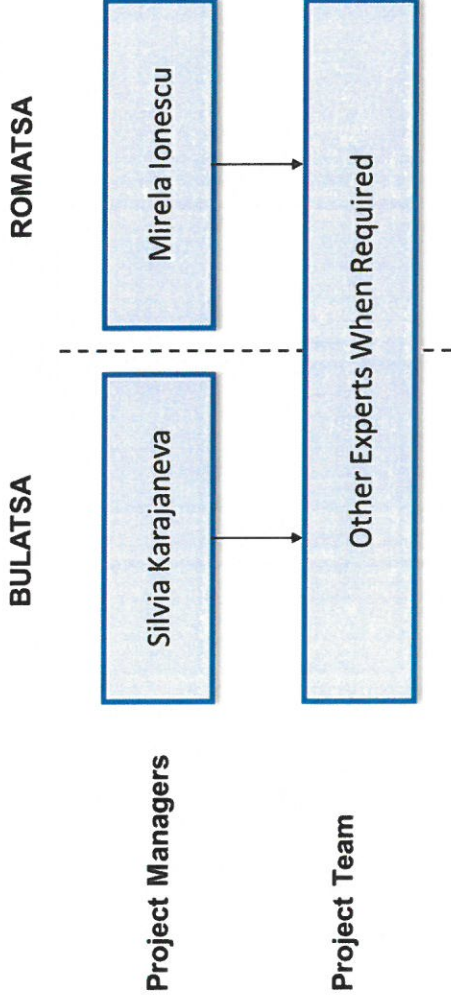
Aeronautical Information Services

Overview of Implementation Project

The DANUBE FAB AIS project is based on a roadmap of activities developed during the pre-implementation phase. The following key documents developed form the basis of the Strategic Programme and Annual Plans:

- Study on areas for harmonisation of AIS services;
- Strategic implementation schedule for harmonisation activities.

Project Management



Activities and Tasks

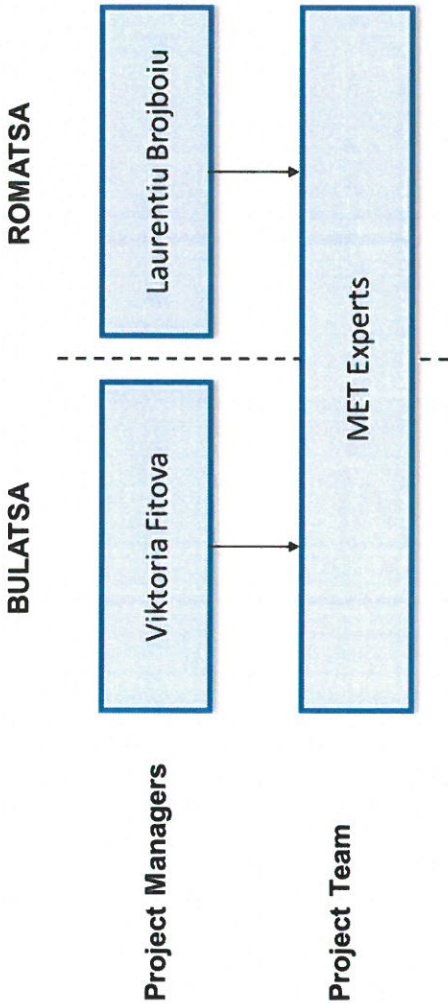
REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY F14]	Maintain AIS services compliance with SESAR, ICAO and EU regulations and standards.	F14.1	Exchange information regarding continued AIS services compliance with SESAR, ICAO and EU regulations and standards.	Ongoing	Informal meetings, WebEx, video conference etc., conducted as required.	Silvia Karajaneva Mirela Ionescu
[ACTIVITY F15]	Maintain AIS aspects of DANUBE FAB ConOps.	F15.1	Annual review of AIS aspects in DANUBE FAB CONOPS and update AIS related aspects if considered necessary.	Q4 2020	N/A	Silvia Karajaneva Mirela Ionescu

MET Services

Overview of Implementation Project

Within DANUBE FAB, significant areas for collaboration and harmonisation have been identified and scheduled for progressive roll out. This including identification of common KPIs, mutual MET data access, common competency schemes and the development of common best practice.

Project Management



Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY F16]	Maintain MET services compliance with international standards.	F16.1	Annual Review of MET standards compliance.	Q1 2020	Updated procedures (if required).	Viktoria Fitova Laurentiu Brojboiu
		F16.2	Sharing of information and experience regarding ongoing compliance with international standards.	Ongoing	Informal meetings, WebEx, video conference etc., conducted as required.	Viktoria Fitova Laurentiu Brojboiu
[ACTIVITY F17]	Coordination between MWOs for issuing coherent SIGMETs.	F17.1	Development and agreement on the SIGMET coordination procedure for issuing coherent SIGMETs.	Q1 2020	- Formalise and agree the SIGMET coordination procedure - Joint workshop to introduce SIGMET coordination procedure to staff	Viktoria Fitova Laurentiu Brojboiu

DANUBE FAB Annual Plan 2020

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
			Development and signing of letter of agreement between MWODs.		- Formalise and agree the letter of agreement - Implementation of letter of agreement	
[ACTIVITY F18]	Harmonisation of Low-Level Significant Weather Charts.	F18.1	Implementation of the agreed form of the SWL chart.	Q1 2020	BULATSA upgrade to Graphical format.	Viktoria Fitova Laurentiu Brojboiu
[ACTIVITY F19]	Establish common minimum levels of service for MET service provision within DANUBE FAB.	F19.1	Resolve legal aspects with the NSAs for MSL implementation.	On HOLD	Signed NSA agreement for joint MSL Implementation. To be reviewed Q3 2020 for Q1 2021 Implementation.	Viktoria Fitova Laurentiu Brojboiu
		F19.2	Establish MLS procedure framework for aeronautical meteorological services.	On HOLD	To be reviewed Q3 2020 for Q1 2021 Implementation.	Viktoria Fitova Laurentiu Brojboiu
		F19.3	National implementation of MLS for meteorological services.	On HOLD	To be reviewed Q3 2020 for Q1 2021 Implementation.	Viktoria Fitova Laurentiu Brojboiu
[ACTIVITY F20]	Approach to volcanic ash or other contaminants.	F20.1	Develop common working procedure for exchanging information regarding contaminants such as volcanic ash.	2020	Information exchange CONOPS.	Viktoria Fitova Laurentiu Brojboiu
		F20.2	Sharing of information and experience regarding contaminants and other exceptional events.	Ongoing	Informal meetings, WebEx, video conference etc., conducted as required.	Viktoria Fitova Laurentiu Brojboiu

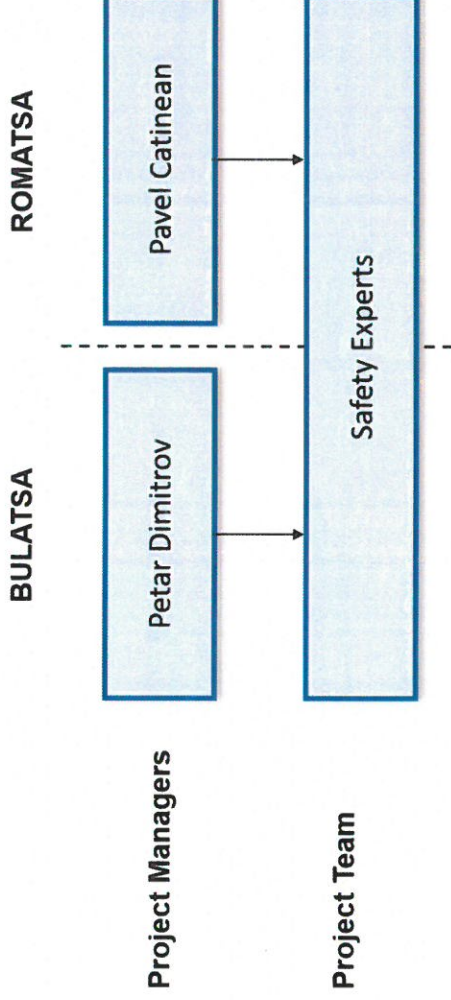
G- SAFETY, QUALITY, ENVIRONMENT & SECURITY ACTIVITIES

Safety Management

Overview of Implementation Project

The DANUBE FAB ANSP Safety Management activities are tasked to enhance BULATSA and ROMATSA Safety Management Systems within DANUBE FAB. During the pre-implementation phase, a detailed set of harmonisation and common activities in the safety domain were identified and a schedule for implementation was laid out in the ANSPs SMS Roadmap and their common Safety Management Manual. The Safety Management activities require to work closely with the NSAs who are providing the oversight for BULATSA and ROMATSA.

Project Management



DANUBE FAB Annual Plan 2020

Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY G01]	Ongoing updates of the safety case, safety policy and common generic safety management manual.	G01.1	Annual review and revision (as necessary) of the DANUBE FAB Safety Case.	Ongoing Activity.	Safety, Quality, Security and Environment Standing Committee Meeting.	Petar Dimitrov Pavel Catinean
		G01.2	Regular exchange of information and best practice between BULATSA and ROMATSA.	Ongoing Activity.	Informal meetings, WebEx, video conference etc., conducted as required.	Petar Dimitrov Pavel Catinean
		G01.3	Annual review and update (as necessary) of the Common generic safety management manual.	Ongoing Activity.	N/A.	Petar Dimitrov Pavel Catinean
[ACTIVITY G02]	Safety culture measurement and improvement.	G02.1	Share information on ANSP safety culture, including safety culture survey reports and improvement plans/actions.	Ongoing Activity.	Safety, Quality, Security and Environment Standing Committee Meeting.	Petar Dimitrov Pavel Catinean
		G02.2	Coordinate and collaborate in the conduct of the safety culture surveys within the service providers' organisations.	Ongoing Activity.	Safety, Quality, Security and Environment Standing Committee Meeting.	Petar Dimitrov Pavel Catinean
[ACTIVITY G03]	Development of DF safety targets and safety performance monitoring.	G03.1	Monitor European Developments and analyse need to alter safety targets.	Ongoing Activity.	Informal meetings, WebEx, video conference etc., conducted as required.	Petar Dimitrov Pavel Catinean
		G03.2	Sharing information on the improvement of the safety performance indicator levels and monitoring arrangements.	Ongoing Activity.	Informal meetings, WebEx, video conference etc., conducted as required.	Petar Dimitrov Pavel Catinean
[ACTIVITY G04]	Coordinated adoption of best safety practices.	G04.1	Monitor best practices in the areas of common interest.	Ongoing Activity.	N/A	Petar Dimitrov Pavel Catinean
		G04.2	Conduct implementation workshops with concerned staff of FAB ANSPs (depending on the findings of "Monitor best practices in the areas of common interest" task)	Ongoing Activity.	N/A	Petar Dimitrov Pavel Catinean

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REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING/ OUTPUTS	RESPONSIBLE PERSONNEL
			Adopt the proposed best practice and amend SMMs, arrangements and processes, as appropriate (depending on the findings of "Monitor best practices in the areas of common interest" task)	Ongoing Activity.	N/A	Petar Dimitrov Pavel Catinean
		G04.3				
		G04.4	Train concerned staff, as applicable.	Ongoing Activity.	N/A	Petar Dimitrov Pavel Catinean
		G04.5	Implement the best practice.	Ongoing Activity.	N/A	Safety experts
[ACTIVITY G05]	Detailed Review and analysis	G05.1	Study and analyse Regulation 373	Q2 2020	Safety, Quality, Security and Environment Standing Committee Meeting.	Safety experts

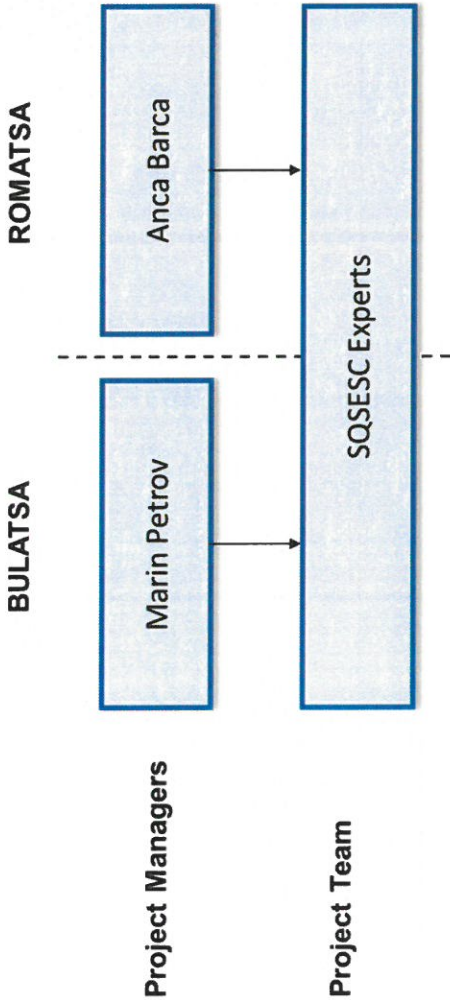
Quality & Environmental Management Systems

Overview of Implementation Initiative

The main objective of this initiative is to harmonise and continually improve the quality management systems for air navigation services provision and environmental management in the DANUBE FAB.

It is also important to note that safety should be kept as a priority over commercial, operational, environmental and social pressures. In view of the new requirements of Commission Implementing Regulation (EU) 2017/373 on the Management System of the ATM/ANS providers (Part-ATM/ANS.OR.B), at DANUBE FAB level the approach of the quality management system is based on ISO 9000 series of standards, including in relation with the Management Systems of the providers, covering different areas and respective responsibilities, such as: safety, quality, security, finance, human resources.

Project Management



Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY G06]	Monitoring of environmental KPIs.	G06.1	Ongoing monitoring of environmental KPIs as provided by EUROCONTROL (yearly).	Ongoing Activity.	N/A	Marin Petrov Anca Barca
[ACTIVITY G07]	Harmonisation of the Quality and Environment management systems within the overall management system of both ATM/ANS providers.	G07.1	Participation in CANSO Environmental Working Group ENVWG (yearly).	2020	2019 participation was Cancelled	Marin Petrov Anca Barca
		G07.2	Annual review and monitoring of established DANUBE FAB common KPIs.	Ongoing Activity.	N/A	Marin Petrov Anca Barca
		G07.3	Harmonise Regulation 373 with reference to management systems.	Q1 2020	Coordination	Marin Petrov Anca Barca

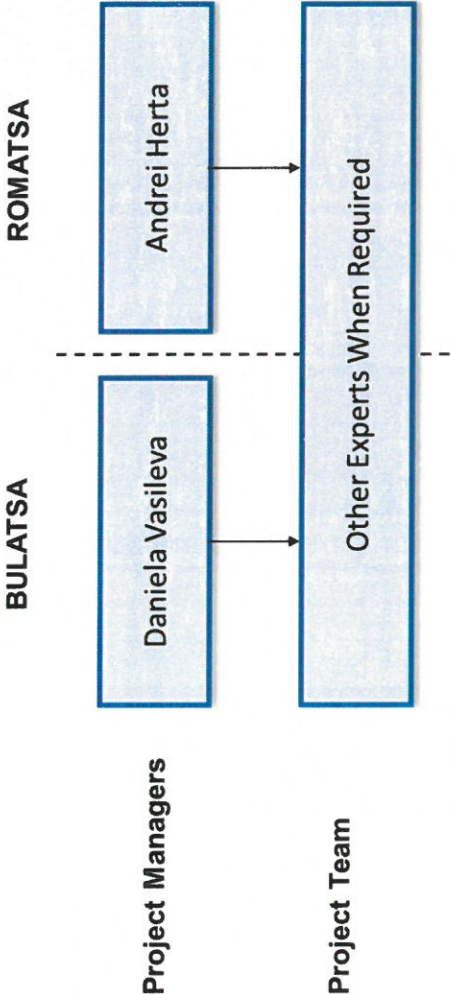
ATM Security Management Systems

Overview of Implementation Project

Following the first meeting which was held in Sofia, in December 2012, where the document “Harmonization Review Report for ANSP Security Systems and Procedures in Danube FAB” was completed, there has been set a number of steps for harmonisation of both ATM Security Management Systems according to the requirements of EU REG nr.1035, ECAC Doc 30, Part II, Chapter 13, ICAO – ATM Security Manual (approved at the end of 2012).

Regarding Cyber Security (protection of information/ digital systems and operational data) both countries remain compliant with the international requirements and legislations (e.g. ISO 27001 and ECAC Doc 30, Part. II, Chapter 14, ICAO Annex 17-Chapter 18. ROMATSA and BULATSA have already implemented ISMS – Information Security Management System (IT&C), which is based on the requirements of ISO 27001. BULATSA has been certified since May 2017 in accordance with ISO 27001, ROMATSA operates in alignment with ISO 27001 as provided for in national legislation.

Project Management



Activities and Tasks

REF.	ACTIVITY	REF.	TASKS	DEADLINE	MEETING / OUTPUTS	RESPONSIBLE PERSONNEL
[ACTIVITY G08]	Harmonisation of Information Security Management Systems.	G08.1	List of Key ISMS documents to be translated for sharing established.	Q1 2020	Experts to decide on which key documents require translating, including identifying priority documents.	Daniela Vasileva Andrei Herta
		G08.2	Translation of Key ISMS documents, including security management system manuals into English.	Q1 2020	Authorised English translations of Key ROMATSA and BULATSA documentation.	Daniela Vasileva Andrei Herta
		G08.3	Ongoing Exchange of know-how and experience on ISMS implementation, maintenance and improvement.	Ongoing Activity.	Informal meetings, WebEx, video conference etc, conducted as required.	Daniela Vasileva Andrei Herta
[ACTIVITY G09]	Develop DANUBE FAB Information Security Incidents reporting procedure.	G09.1	Sign information sharing agreement for sharing incident data between ANSPs.	Q2 2020	Signed agreement between ROMATSA and BULATSA. Agreement to contain technical details related the level of details and exchange / sharing mode of cyber security incidents.	Daniela Vasileva Andrei Herta
		G10.1	Mutual notifications in case that significant changes are introduced in the ISMSs of BULATSA and ROMATSA.	Ongoing Activity.	N/A	Daniela Vasileva Andrei Herta
[ACTIVITY G10]	Ongoing AvSEC activities.	G10.2	When new national or international legislation in the Security domain is being introduced, BULATSA and ROMATSA shall coordinate the matter and decide what appropriate course of action, if any, is needed.	Ongoing Activity.	N/A	Daniela Vasileva Andrei Herta
[ACTIVITY G11]	ATM Security Roadmap	G11.1	BULATSA ISMS and ROMATSA IT&C Security Management Manuals review.	Q1 2020	Cyber experts' workshop to review areas of best practice and discuss future approach.	Daniela Vasileva Andrei Herta

DEFINITIONS & ACRONYMS

For the purpose of this document the definitions in the harmonised regulatory framework for the creation of the Single European Sky shall apply.

The following definitions and acronyms shall apply:

AIS	– Aeronautical Information Service
ANSP	– Air Navigation Service Provider
AP	– Annual Plan
AR	– Annual Report
ARN	– ATM Route Network
ATM-MP	– ATM Master Plan
ATSEP	– Air Traffic Safety Engineering Professional
CDM	– Collaborative Decision Making
CNS	– Communications, Navigation and Surveillance
EATM	– European Air Traffic Management
EC	– European Commission
EP	– European Parliament
ERNIP	– European Route Network Implementation Plan
EU	– European Union
FAB	– Functional Airspace Block
ICAO	– International Civil Aviation Organisation
IMS	– Integrated Management System
ISMS	– Information Security Management System
IDP	– Interim Deployment Programme
IDSG	– Interim Deployment Steering Group
KPI	– Key Performance Indicator
MET	– Aeronautical Meteorological Services
MIL	– Military
MWC	– Meteorological Watch Centre
NM	– Network Manager
NMB	– Network Management Board
NOP	– Network Operations Plan
NSA	– National Supervisory Authority
NSP	– Network Strategic Plan
OI	– Operational Improvement
OSC	– Operational Standing Committee
PRB	– Performance Review Body
SAPSC	– Strategies and Planning Standing Committee
SBP	– Strategic Business Plan
SEC MS	– SECurity Management System
SES	– Single European Sky
SESAR	– SES ATM Research
SIGMET	– SIGnificant METeoro logical information
SP	– Strategic Programme
SSC	– Single Sky Committee
(E)/(L)SSIP	– European/Local Single Sky ImPlementation (mechanism/documents)
SQSESC	– Safety, Quality, Security and Environment Standing Committee
TWG	– Technical Working Group

