

# eATM Portal (v3.02) – June 2020 Update

An updated version (v3.02) of the eATM Portal (Public) has been published. This release note lists the changes that have been introduced.

The main changes introduced in this version are:

- addition of an Excel and pdf download extract of the Deployment Scenario list
- availability of 2019 data for the U-Space Implementation Map Tool
- to correct a number of small issues and bugs related to the European ATM Master Plan 2020 Edition, Local Implementation Maptool and Internet Explorer version 11 use

## New Features

### • Deployment Scenario list extracts

Users are now able to download the list of Deployment Scenarios in Excel or pdf version from the Executive Overview Deployment Scenario Pages.

The pdf version is downloaded using the Print PDF button in the Deployment Scenario List view:

**Deployment Scenarios**

This view presents Deployment Scenarios for changes that are in the pipeline towards deployment and that are associated with Essential Operational Changes. [More...](#)

Select on the tabs at the top the set of Deployment Scenarios. They are shown allocated to an Essential Operational Change. Hovering with the mouse over a Deployment Scenario or EOC name will display further details on it, hovering over a timeline bar will show the associated dates.

Essential Operational Change	Deployment Scenario	Operating Environments	Start of Deployment	IOC	FOC	Contribution to Performance	Related Elements
CNS Infrastructure and Services	Alternative position, navigation and timing (A-PNT) - short term	Airport TMA En-Route Network	31-10-2019	01-01-2022	31-12-2030	CAP SAF	STK SOL OI
	CNS rationalisation	Airport TMA En-Route Network	31-12-2010	01-01-2026	31-12-2035	DEF	STK SOL OI
	Enhanced airborne collision avoidance for commercial air transport normal operations (ACAS Xa)	Airport TMA En-Route	01-01-2026	01-01-2026	31-12-2035	SAF	STK SOL OI
	Airport integration into the network	Airport Network	31-12-2010	31-12-2017	31-12-2027	DEF DEF	STK SOL OI
	Collaborative airport (airport operations plan - network operations)	Airport Network	01-01-2021	01-01-2023	31-12-2030	ENV DEF	STK SOL OI

**Print/PDF**

This may take a few seconds to generate the PDF.

Deployment Scenarios							
<p>This view presents Deployment Scenarios for changes that are in the pipeline towards deployment and that are associated with Essential Operational Changes.</p> <p>These Deployment Scenarios are based on mature Solutions proposed for deployment, and Solutions approaching maturity. For each Deployment Scenario, the operating environment(s) in which performance gains can be realised is indicated. A rollout time is also provided: the timescales for start of deployment and end of deployment is shown in blue, and timescales for start of benefits at a given place/site, up to reaching of full benefit is shown in purple.</p> <p>The contribution to performance is indicated on the right hand side of the table. When the contribution is positive, then it is shown in dark green. When it is shown in light green, then the contribution to performance has not yet been evaluated. The categories for the contribution to performance are:</p> <p>CAP: Capacity, SAF: Safety, ENV: Environment, CEF: Cost-efficiency, OEF: Operational-efficiency</p>							
Essential Operational Change	Deployment Scenario	Operating Environments	Start of Deployment	IOC	FOC	Contribution to Performance	Related Elements
CNS Infrastructure and Services	Alternative position, navigation and timing (A-PNT)- short term	Airport TMA En-Route Network	31-10-2019	01-01-2022	31-12-2030	CAP SAF	SOL OI
	CNS rationalisation	Airport TMA En-Route Network	31-12-2010	01-01-2026	31-12-2035	CEF	STK SOL OI EN
	Enhanced airborne collision avoidance for commercial air transport normal operations (ACAS Xa)	Airport TMA En-Route	01-01-2026	01-01-2026	31-12-2035	SAF	STK SOL OI EN
ATM Interconnected Network	Airport integration into the network	Airport Network	31-12-2010	31-12-2017	31-12-2027	CEF OEF	STK SOL OI EN
	Collaborative airport (airport operations plan - network operations plan, phase 2)	Airport Network	01-01-2021	01-01-2023	31-12-2030	ENV OEF	STK SOL OI EN
	Enhanced ATM slot swapping	Airport Network	31-12-2016	31-12-2017	31-12-2025	OEF	STK SOL OI EN
	SWIM TI (technical infrastructure) purple profile for airground	Airport TMA En-Route Network	01-01-2021	01-01-2029	31-12-2034	SAF	STK SOL OI EN

The Excel version is downloaded using the Download Excel File button in the Deployment Scenario List view:

The screenshot shows the eATM Portal interface. The top navigation bar includes 'Executive Overview', 'Research & Development View', and 'Deployment View'. The left sidebar contains a menu with 'OVERVIEW', 'PERFORMANCE', 'OPERATIONAL CONCEPT', 'TECHNOLOGY', 'PLANNING', 'Overview', 'Deployment Scenarios' (highlighted with a red 'DS' badge), 'Stakeholder Roadmaps', 'ICAO Blocks', 'MONITORING', and 'STANDARDS & REGULATIONS'. The main content area is titled 'Deployment Scenarios' and contains a table with the same data as the one in the first block. In the top right corner of the table area, there is a button labeled 'Download Excel file' with a tooltip that says 'This may take a few seconds to generate the Excel file.' In the bottom right corner of the table, there are two tabs: 'Table' and 'List', with the 'List' tab highlighted by a red circle.

This may take a few seconds to generate the Excel file.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Title		Essential Operational Change	Operating Environments				Start of Dep IOC	FOC	Contribution to Performance					Operati	Stakeh	SESAR	Op
			Airport	TMA	En-route	Network			CAP	SAF	ENV	CEF	DEF				
3	ACAS evolution	CNS Infrastructure and Services	X													1	1
4	Aeromedical mobile airport communication system (AeroMACS)	CNS Infrastructure and Services	X													1	1
5	Alternative position, navigation and timing (A-PIXT) - short term	CNS Infrastructure and Services	X	X	X	X	31-10-2019	01-01-2021	31-12-2030	X	X					4	15
6	ATIS rationalisation	CNS Infrastructure and Services	X	X	X	X	31-12-2019	01-01-2026	31-12-2030			X				4	18
7	CNS services evolution	CNS Infrastructure and Services	X													2	12
8	Completion of AeroMACS development	CNS Infrastructure and Services	X	X	X	X										2	1
9	Cooperative surveillance ADS-B (VIA)	CNS Infrastructure and Services	X													3	3
10	Enhanced airborne cockpit awareness for commercial air transport normal operations (ACAS Xa)	CNS Infrastructure and Services	X	X	X	X	01-01-2026	01-01-2026	31-12-2035	X						4	4
11	Hyper-connected ATM	CNS Infrastructure and Services	X													3	1
12	New use and evolution of cooperative and non-cooperative surveillance	CNS Infrastructure and Services	X	X	X	X										3	28
13	Surveillance performance monitoring	CNS Infrastructure and Services	X	X	X	X										4	28
14	Airport integration into the network	ATM Interconnected Network	X				31-12-2010	31-12-2017	31-12-2027			X	X	X		2	5
15	Collaborative airport (airport operations plan - network operations plan, phase 2)	ATM Interconnected Network	X				01-01-2021	01-01-2023	31-12-2030			X	X	X		2	24
16	Collaborative framework for managing delay constraints on arrivals	ATM Interconnected Network	X													4	17
17	Collaborative network performance management	ATM Interconnected Network	X													4	17
18	Digital collaborative airport performance management	ATM Interconnected Network	X													4	7
19	Digital integrated network management and ATC planning	ATM Interconnected Network	X		X	X										2	2
20	Enhanced ATM slot swapping	ATM Interconnected Network	X				31-12-2016	31-12-2017	31-12-2025							12	1
21	Enhanced collaborative airport performance planning and monitoring	ATM Interconnected Network	X													4	5
22	Enhanced network traffic prediction and shared complexity representation	ATM Interconnected Network	X													4	5
23	Network optimisation of network ATCOM time-based resources	ATM Interconnected Network	X													4	2
24	SWIM-T (technical infrastructure) purple profile for air/ground/airway information sharing	ATM Interconnected Network	X				01-01-2021	01-01-2029	31-12-2034	X						4	21
25	SWIM-T green profile for ground/ground civil military information sharing	ATM Interconnected Network	X													2	8
26	SWIM-T purple profile for air/ground safety-critical information sharing	ATM Interconnected Network	X			X										4	9
27	SWIM-T common runtime registry	ATM Interconnected Network	X													4	9
28	Sub-regional demand capacity balancing service	ATM Interconnected Network	X													1	13
29	UDPP departure	ATM Interconnected Network	X													1	3
30	Advanced automated MET system	Digital ATM and MET Services	X													1	5
31	Aeromedical digital map service	Digital ATM and MET Services	X	X	X	X										3	13
32	AirCrest as an AMMNET sensor and consumer	Digital ATM and MET Services	X			X										4	5
33	Digitally enabled AFI and MET services	Digital ATM and MET Services	X			X	31-12-2010	01-01-2024	31-12-2030	X						4	26
34	Improved aviation AFI and MET services through automation and digitalisation	Digital ATM and MET Services	X			X	01-01-2022	01-01-2027	31-12-2032			X	X	X		4	18
35	Static aeronautical data service	Digital ATM and MET Services	X			X										4	18
36	U-space U1 – Foundation services	U-space services	X			X	01-01-2019	01-01-2019	31-12-2022							3	10
37	U-space U2 – Initial services	U-space services	X			X	01-01-2019	01-01-2019	31-12-2027							3	10
38	U-space U3 – advanced services	U-space services	X			X	01-01-2019	01-01-2019	31-12-2027							3	10
39	ATC and AFS services in a single low density aerodrome from a remote CDP	Virtualisation of Service Provision														4	1
40	Delegation of services amongst ATISs	Virtualisation of Service Provision	X	X	X											2	3
41	Initial interaction modes for ATC centres and airport towers	Virtualisation of Service Provision	X													1	2
42	Multiple remote towers and remote tower centre	Virtualisation of Service Provision	X													1	2
43	Remote tower for low low density aerodromes	Virtualisation of Service Provision	X													1	2
44	Remotely provided ATIS for multiple aerodromes	Virtualisation of Service Provision					30-06-2025	30-06-2027	31-12-2030	X			X			1	4
45	Remotely provided air traffic service for contingency situations at aerodromes	Virtualisation of Service Provision	X													1	1
46	Single remote tower operations for medium traffic volumes	Virtualisation of Service Provision	X													1	1
47	Virtual centre concept	Virtualisation of Service Provision	X	X	X		01-01-2022	01-01-2024	31-12-2032	X						2	4
48	AMAN and point merge	Airport and TMA performance														1	1
49	Advanced geometric GNSS-based procedures in TMAs	Airport and TMA performance	X	X	X											2	18
50	Airport safety nets vehicle	Airport and TMA performance	X	X	X		01-01-2018	01-01-2023	31-12-2026	X						1	9
51	Approach improvement through assisted visual separation	Airport and TMA performance	X	X	X	X										1	9
52	Arrival management into multiple airports	Airport and TMA performance	X	X	X	X										2	2
53	Continuous descent operations (CDO)	Airport and TMA performance	X	X	X	X										1	13
54	D-TAXI service for CDO/L application	Airport and TMA performance	X													1	13
55	De-coring management tool	Airport and TMA performance														1	21
56	Digital evolution of integrated surface management	Airport and TMA performance	X													1	22
57	Dynamic extended TMAs for advanced CCO/CD and improved arrival and departure operations	Airport and TMA performance		X												3	2
58	e-AMAN set	Airport and TMA performance	X	X	X	X										2	1
59	Efficient aircraft separation during take-off and final approach	Airport and TMA performance	X	X	X	X	31-08-2023	01-01-2026	31-12-2030	X	X	X	X	X	X	2	21
	Deployment Scenarios	Operating Environments	Stakeholders	SESAR Solutions	Operational Improvement Steps	Enablers											

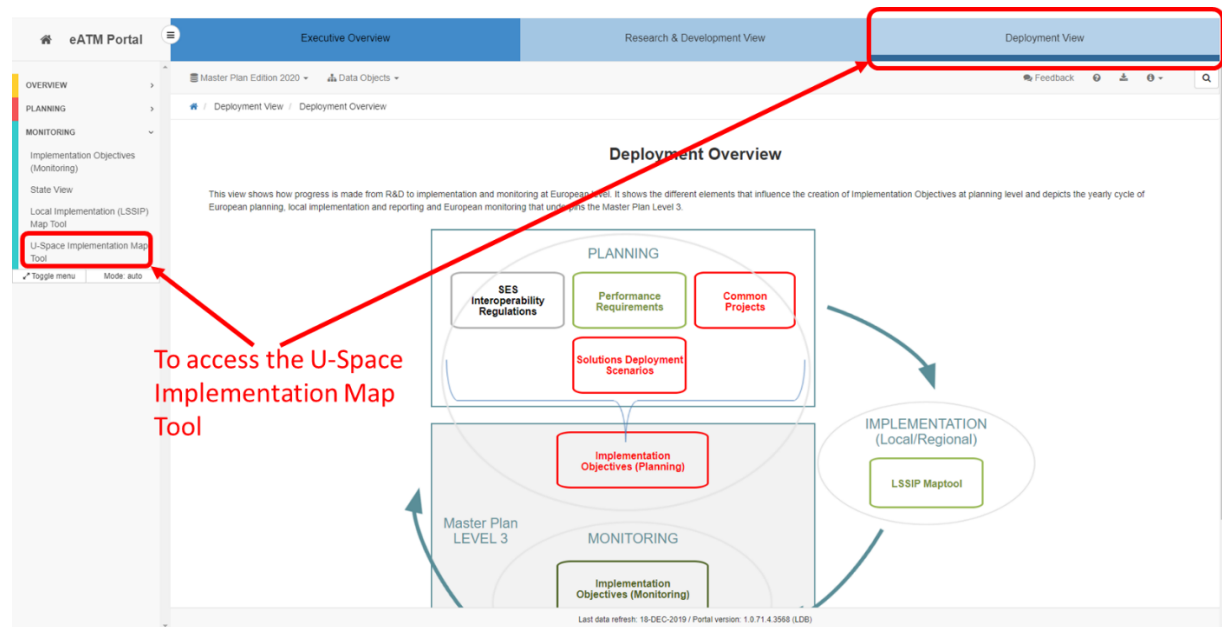
Please note that only the Excel download is available from the Table view of the Deployment Scenarios:

[illegible]

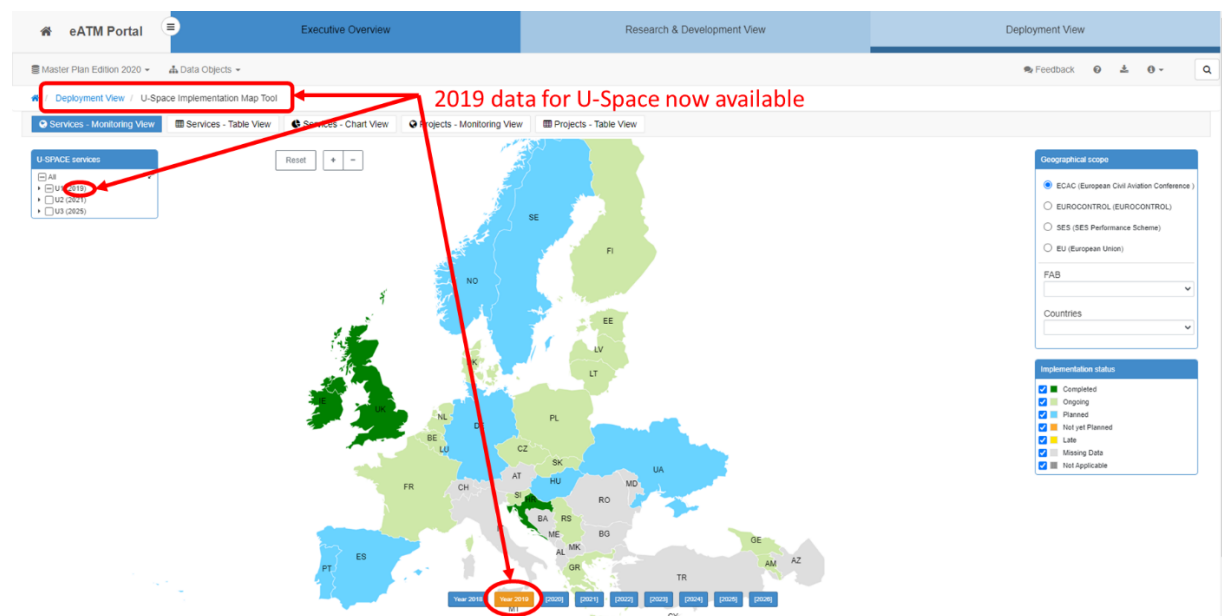
## Changed Features

- 2019 data available for U-Space

Users can monitor the progress of U-Space projects using the U-Space Implementation Map Tool in the Development View:



The Map Tool has now been updated with the latest data from 2019:



## ***Bug Fixes***

A number of issues have been corrected. These include the following:

- **Master Plan Update 2020 Issues**

These cover correcting:

- error messages displayed when attempting to download Excel extracts from the Deployment Scenario and Essential Operational Change pages;
- pop up display problems in List view of the Deployment Scenarios page

- **Local Implementation MapTool Issues**

These cover correcting:

- missing airports for some Implementation Objectives
- progress calculations for ICAO Modules
- missing Strategic Lines of Action (SLoAs) for 2019

- **Internet Explorer 11 Issues**

Users on Internet Explorer 11 (IE11) have reported anomalous display behaviour on some screens, some of which have been corrected, specifically blank pop ups on mouse “hover” and misaligned “sticky headers” to tables when scrolling.

It should be noted that the eATM Portal is optimised for working with all current versions of browsers including Firefox, Google Chrome, Apple Safari and Microsoft Edge and users are advised to use these for the best experience. A warning message has been added for users accessing the eATM Portal with IE11 to advise that there may be some degradation of functionality.

## ***Preview of the next Portal version release:***

A further Portal release is planned during the July-September 2020 period, which will include inter alia:

- Provision of the ICAO language versions of the European ATM Master Plan 2020 Executive Summary
- Further filter and grouping features for the new Level 1 Executive Views;
- Completion of the Master Plan level 1 data migration to MEGA.