

ARISE PLUS CIVIL AVIATION PROJECT

ACTIVITY IMPLEMENTATION SHEET

ACTIVITY THEME: **Air Traffic Management**

ACTIVITY NO. (OWP): **4.2**

Activity Title:

Support ASEAN ATM Master Plan – workshop 2: ASEAN-wide implementation of agreed initiatives

PST contact persons	Title	Name	Phone	Fax	E-mail
	Mr.	Anders Hallgren	+32 499 942440		ahallgren53@gmail.com

Venue: Bangkok (details TBD)

Starting: 09.00, 10 September 2018

Ending: 14.00, 12 September 2018

OBJECTIVE:

- support the ASEAN Member States in the continued deployment of the initiatives agreed as priorities in the ASEAN ATM Master Plan;
- share European experiences on issues that needs to be considered when handling region-wide implementation and deployment of agreed ATM improvements; and
- reach ASEAN-wide agreement on the structure and main content of the road maps required for each of the five identified priorities.

ARISE Plus Experts

Expert 1	Name:	Anders Hallgren
	Organisation	ATM Expert, ARISE+ Project
Expert 2	Name:	Paul Bosman
	Organisation	Head of Aviation Cooperation and Strategies Division, EUROCONTROL
Expert 3	Name:	David Batchelor
	Organisation	Head of International Affairs, SESAR JU

ASEAN EXPERTS PROFILE

Number: 40

Specialty	Air Traffic Management, from the Civil Aviation Authority and/or the ANSP of the State.
Position	1) Head of ATM Department or similar. Participants should be in a position to discuss and agree priorities for the implementation of the agreed initiatives in the ASEAN

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Master Plan on behalf of his/her state.

2) In addition, States are requested to nominate suitably qualified expert(s) who have or may in the future have direct responsibility for the execution of the Development Programs of the Master Plan.

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SUMMARY

In the ASEAN ATM Master Plan there are five initiatives identified that can only be effectively deployed if their development is based on regional cooperation. These five initiatives are therefore considered to urgently require ASEAN-wide harmonised implementation to drive ATM improvements and harmonise the ASEAN region as a whole. There is a need to develop coordinated implementation and deployment plans throughout the region in general, and between adjacent States in particular.

The European ATM Master Plan includes roadmaps for the development and deployment of the identified changes, ensuring that their deployment is planned in a performance-driven and synchronised way to maximise benefits. Based on the experiences in Europe, it is the intention that the workshop should be able to start the development of road maps for the five region-wide initiatives in the ASEAN ATM Master Plan.

The ASEAN ATM Master Plan also contains a description of eight initiatives considered being first-priority implementation. They do not require region-wide harmonised implementation in the way the five other initiatives do, but the ASEAN ATM Master Plan urges Member States to implement these initiatives, and although the emphasis will be on the five region-wide initiatives, the workshop will address also the other eight first-priority initiatives.

It will be not possible to develop entire road maps for all the five initiatives, but it is the intention that the workshop will provide the necessary vehicle for the nominated lead countries to get together and discuss the process with experts from the other ASEAN member States. The workshop will also allow the ASEAN experts to take advantage of the presence of the expertise from Europe that have extensive experience of the development and consultation processes in Europe.

It is well-known that there are various links between the different initiatives. One important such link is the fact that the Distributed Multi-Nodal ATFM Network in ASEAN will require information sharing through SWIM-based technology to ensure effective information sharing among ATFM Nodes. As such, the development of two of the other initiatives, the one on AIM and the one on the development of a common aeronautical virtual private network are very important. Mr. Bosman, who has extensive experience in the fields of AIM and SWIM, will also talk about the status of SWIM in Europe, and how Cross-Border ATFM implementation eventually can be based on a SWIM-like communication network.

An ATM Master Plan is a living document and should be updated regularly based on evolution in ATM. Two issues featuring high on the agenda today are drones and cyber-security, and since they both are candidates to be included in a future version of the ASEAN ATM Master Plan, Mr. Bosman, who is responsible for the these issues in the Aviation Cooperation and Strategies Division at Eurocontrol will update the experts from ASEAN on the developments in these areas in Europe.

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The following subjects will be discussed at the workshop:

- The status and developments of the ASEAN ATM Master Plan;
- EUR ATM Master Plan, an overview;
- Deployment planning;
- The status in Europe with regard to the development of some of the first-priority initiatives;
- The development of road maps for the five region-wide initiatives.

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AGENDA:

AH	Opening and Administrative Matters
AH	Workshop objectives, set-up and expectations
PB/DB	General Introduction – ATM Planning in Europe, from Global to regional to local
ASEAN	The implementation of the ASEAN ATM Master Plan <ul style="list-style-type: none"> ○ ASEAN MS to present the status of the plan ○ Ensuring compatibility with the ICAO APAC Seamless ATM Plan
PB/DB	The European ATM Master Plan Methodology
PB	The European Implementation and Monitoring Mechanisms <ul style="list-style-type: none"> ○ ESSIP (Regional) ○ LSSIP (Local)
PB/DB	The status in Europe with regard to the development of some of the ASEAN first-priority initiatives and possible future inclusions <ul style="list-style-type: none"> ○ SWIM, AIM and CRV ○ Cyber security ○ Drones ○ Civ/Mil cooperation
PB	Deployment planning <ul style="list-style-type: none"> ○ The development of road maps
AH	Paper planning exercise <ul style="list-style-type: none"> ○ Breakout sessions to develop strawman road maps for the five initiatives
AH	Conclusions and recommendations

Miscellaneous