„SESAR - Towards Business Trajectory" Refresher Training

Eesti Lennuakadeemia
Estonian Aviation Academy

Time of Training	On request
Place of Training	Estonian Aviation Academy / as agreed on
Schedule for Training	Schedule tailor-made
Teaching Methods	Courses, demonstrations and ATC simulations
Language of Instruction	English
Instructor(s)	Experts from French Civil Aviation University
Base of course syllabus	Air Traffic Services curriculum (*Registered in EHIS, code 2282*)
Volume of Training	10 days
Curriculum group	Transport Services
Price of Training	As agreed on
Target Group	People willing to be or already involved in the ATM industry who want to understand what are the changes ahead of us. Mainly tailored for operational experts, engineers from the ground and airborne ATM industry
Size of Training Group	10-20 participants
Aim of Training	This course focuses on technical systems and activities, mostly ground side, enabling the implementation of major improvements targeted by SESAR (Europe) and NextGen (USA)

Aim of Training (continued):

This module will:

- Use SESAR and NextGen as supporting programmes;
- Explain how the ATM community is organised to manage the change from today's situation to a new ATM concept;
- Provide an insight on the different areas key to a successful Concept deployment;
- Take a few examples of ATM innovation areas.

The pedagogical aim is to be able to describe the technical elements enabling the business trajectory concept.

Topics of Training

Institutional aspects:
- Single European Sky;
- SESAR Joint undertaking;
- NextGen organisation;
- SESAR background.

Methodological aspects:
- Entreprise architecture;
- Service Oriented Approach.

Planning phase:
- Flow and capacity management;
- Network Management;
- New concept Operational (CONOPS);
- Airport Operation Management.

Execution phase:
- New controller tools in support of trajectory management in tactical phase;
- Complexity management;

- Airline contribution in the trajectory management;
- Airport traffic optimization.

Civil-Military interactions:

- Mission trajectory versus Business trajectory.

SWIM

Human factors in SESAR

ATM Innovation

Learning outcomes	Awareness of technical systems and activities, which enable the implementation of major improvements targeted by SESAR and NextGen. Knowledge about technical elements enabling the business trajectory concept
Study materials	Available in Moodle e-learning environment (moodle.eava.ee)
Requirements for Passing the Training	Participation – 100%
Certificate	Eesti Lennuakadeemia Certificate of Attendance (tõend)
Registration and Additional Information	Registration and additional information from Karine Mandel, karine.mandel@eava.ee, +372 7 448 121