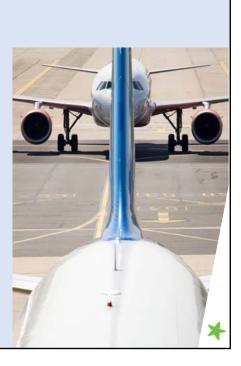


Agenda

14.05: Key note speech: Moving forward with SESAR - Patrick KY, Executive Director, SJU

- 14.20: Single Sky II: A European commitment to innovation - Daniel Calleja, Director Air Transport Directorate, European Commission
- 14.35: Air Traffic Management at the crossroads - David McMillan, Director General, EUROCONTROL
- 14.50: Nine months after kick off: What have we achieved and learned so far? Florian Guillermet, Chief Programme Officer, SJU
- 15.05: Roll out of the SESAR strategy -Michael Standar, Chief Operational Concept and Validation, SJU

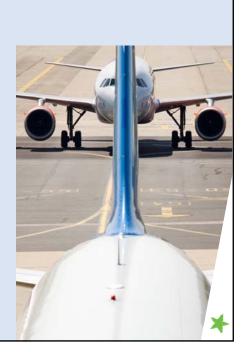
15.20: Coffee break



Agenda

- **15.50: SESAR: A user-driven approach -** Manfred Mohr, Head of project SESAR, Lufthansa,
- 16.05: SESAR: An opportunity for investment alignment - Mariluz De Mateo Garcia, Head of Strategy & Planning, AENA
- **16.20: Why ATM R&D is so critical?** Patrick Schuster, Engineering Director Air Traffic Management, Airbus
- 16.35: SESAR and the human operators Marc Baumgartner, President & CEO, IFATCA
- 16.50: Conclusions Patrick Ky, Executive Director, SJU

17.15: End of conference







SINGLE SKY II: A European Commitment to innovation

Daniel Calleja, Director Air Transport Directorate, European Commission

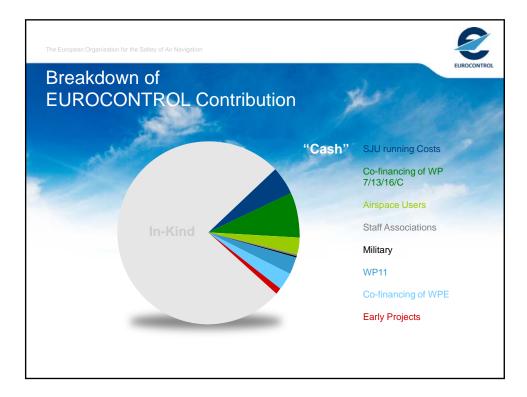
Amsterdam, March 9th, 2010

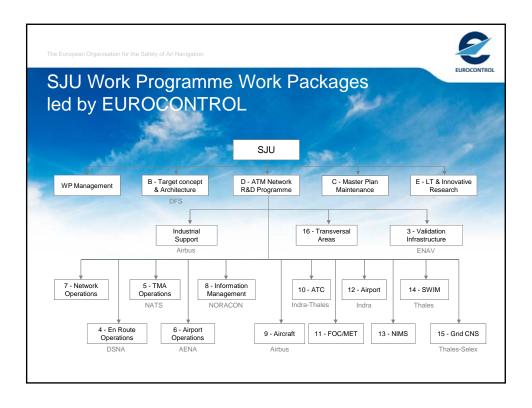


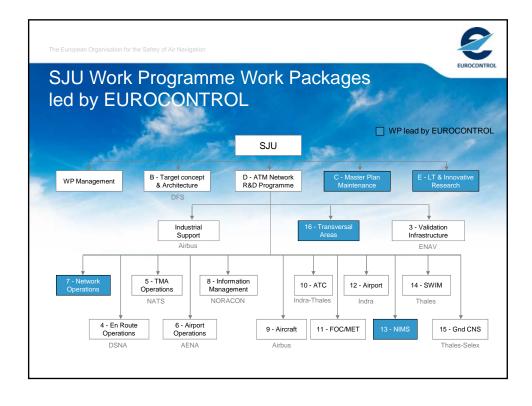
founding members

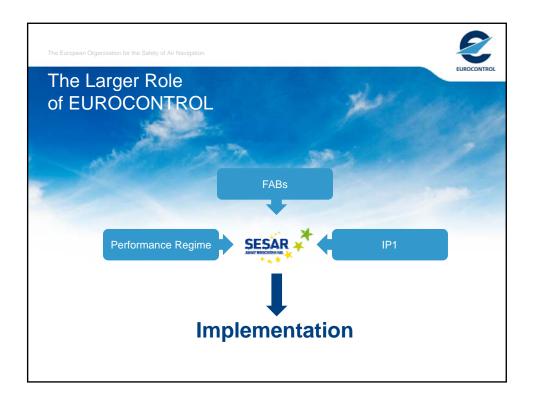
Z





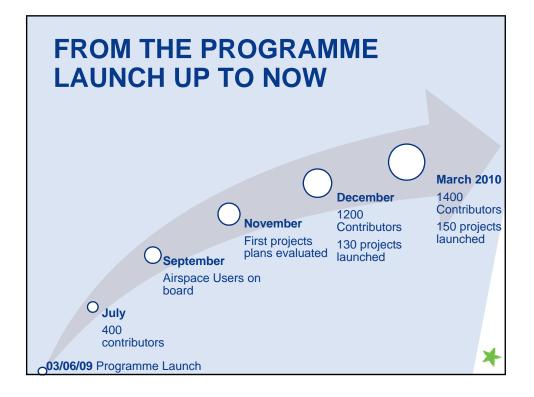


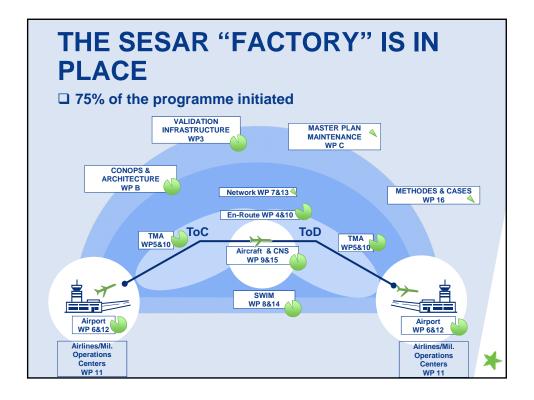














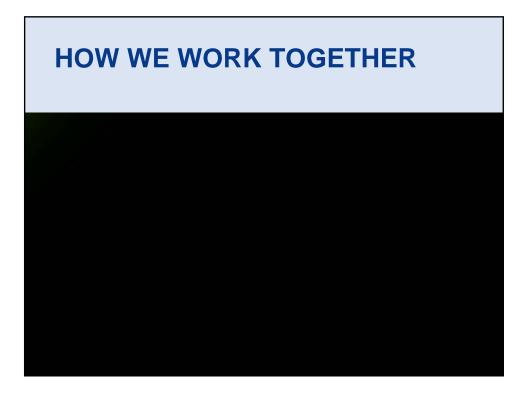
THE SESAR "FACTORY" IS IN PLACE

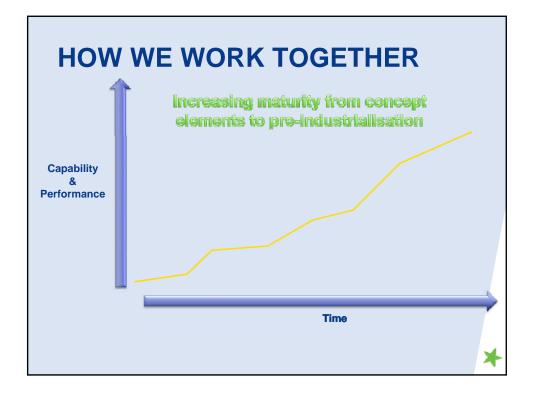
- □ More than 300 projects
- Average project:
- Duration 4 years
- Budget 7M€
- Dependencies with 5 other projects

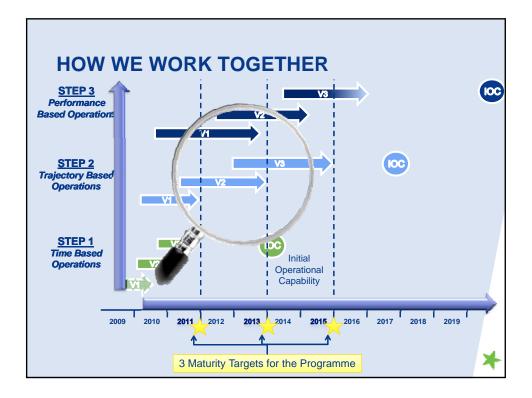
□ Airspace Users directly involved in projects

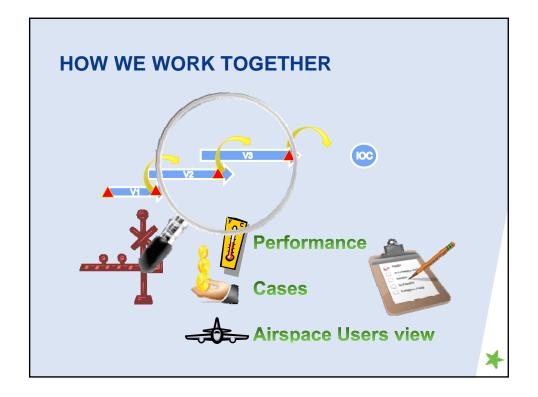
- Air France & Régional, KLM, Iberia,
- Lufthansa Group including SWISS and LCAG,
- SAS Scandinavian Airlines, TAP Portugal, Novair,
- A consortium coordinated by EBAA including Netjets Europe and Dassault Aviation, as well as IATA, and IAOPA

×









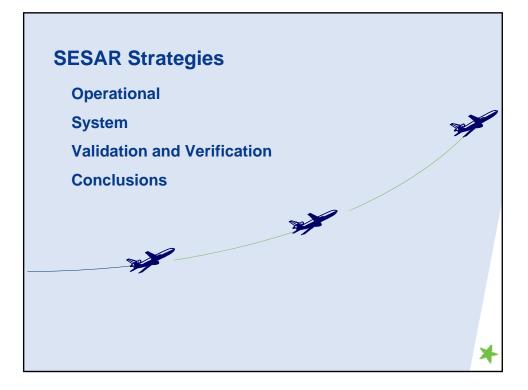


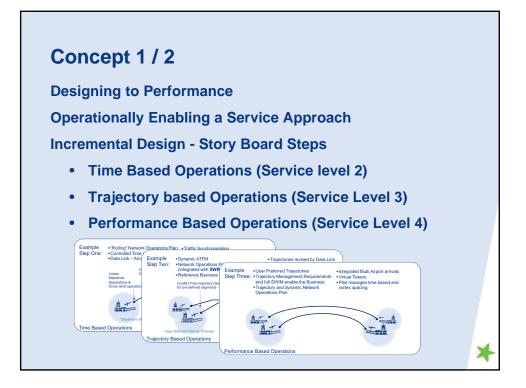
ON THE PRODUCTION LINE FOR 2010...

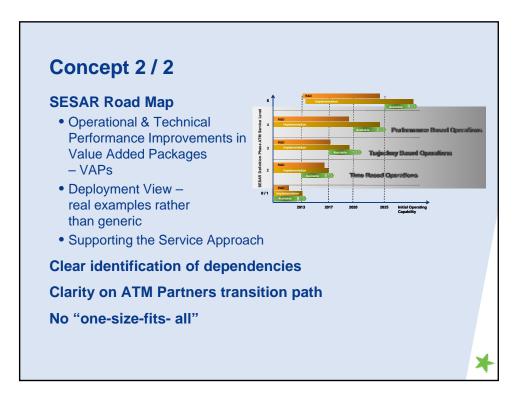












System 1/3

Needs and Requirements:

- Systems requirements driven by Service Approach and defined needs.
- Incremental view of necessary system changes based on each Story Board Step.
- SESAR Road Map approach
 - Value Added Packages VAPs
 - Integration of operational and technical.
 - Focused on readiness for deployment.



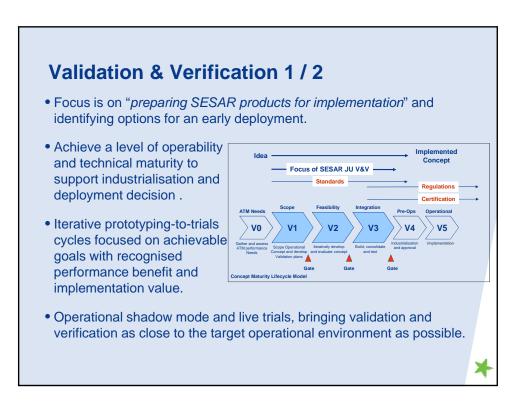
System 2/3

The Approach and Solution:

- A Single European Architecture as the reference for system developments.
- Traceability from technical system developments to the delivery of tangible benefits.
- Interoperability achieved through performance and interface requirements.
- Standardisation where needed.
- Scalability and flexibility in the approach to meet local needs (complexity and specificity).
- Information is "key"





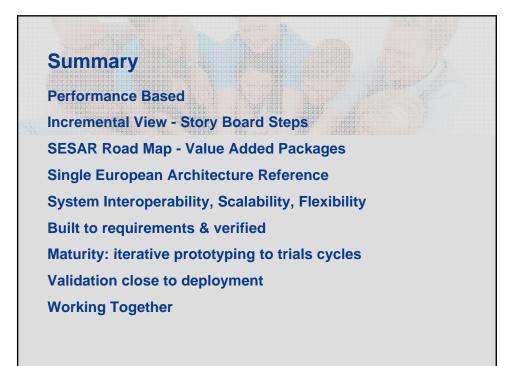


Validation & Verification 2 / 2

Keys to Successful Validation and Verification:

- Partners commitment / partnership (Providers, Industry, Staff ..)
- Focus:
 - Time to Market
 - Target Operational Deployment Environment (Shadow/Live Trials)
 - Early Benefit (mature concepts, procedures and products)
- Consistent and integrated Validation and Verification
 - Focused incremental & structured approach;
 - Supported by Operational and System Threads
 - Designed and performed by Projects through an integrated approach
- Continuous Maturity Assessment linked to Control Gates



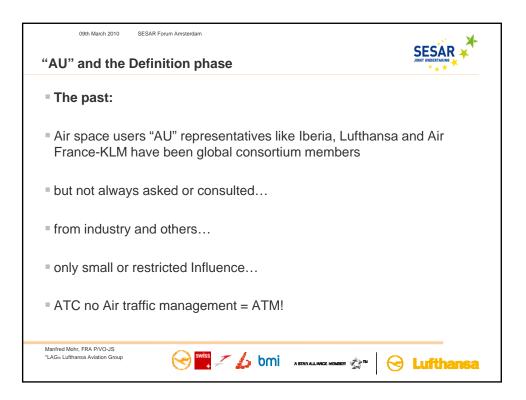
















Some Examples:	
	WP11 Airlines Operations Centre System
WP3 Validation Infrastructure Adaptation and Integration	A/W/OCC and Meteorology
	WP15 CNS System
WP9 Aircraft System	15.00 Global co-ordination and management
9.01 Airborne initial 4D trajectory management	 15.01 Common CNS studies 15.02 Communications
9.03 Interoperability of business trajectory and mission trajectory	 15.02 Communications 15.03 Navigation
 9.10 Approach with vertical guidance APV 	 15.04 Surveillance
9.12 GBAS Cat II/III	
9.16 New communication technology at airport	
9.19 SWIM Air Ground Capability	
 9.21 ADS-B – 1090 Higher performance study 2.27 Multi constallation ONS2 side area assignation 	
 9.27 Multi-constellation GNSS airborne navigation systems 	
9.28 Enhanced vision (Head down and head up)	
solutions	
 9.29 Enhanced & synthetic vision 9.31 Aeronautical databases 	
 9.31 Aeronautical databases 9.33 ATS datalink Operational Improvements 	
 9.39 Continuous climbing cruise 	

