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ES²
Experience Sharing Enhanced SMS
Feedback 2012 & Programme 2013/2014

EUROCONTROL CEO Safety Conference

Bled, 21 March 2013

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Feedback Form

ES² - ANSP CEO Conference	*Date:* 21 March 2013
Name (optional):	*Company or Working Location:*

Function: ☐ CEO ☐ Management ☐ Operational ☐ Technical
☐ Safety ☐ Quality ☐ Administrative

Please, mark each topic only once. Comments are very welcome.
1 = unsatisfactory 2 = satisfactory 3 = good 4 = excellent

CONTENT	1	2	3	4
Structure	○	○	○	○
Allotted Duration				
Content Coherence				
Comparison to Objectives				
Professional Relevance				
Personal Relevance				
Did it encourage self-questioning?	○	○	○	○
Are the ideas pragmatic?	○	○	○	○
Am I ready for action?	○	○	○	○

ADMINISTRATION/SUPPORT	1	2	3	4
Adequate Number of Participants	○	○	○	○
Pre-conference Information	○	○	○	○
Conference Description/ Program	○	○	○	○
Conference Reservation	○	○	○	○
Promptness in dealing with queries	○	○	○	○

What did I particularly like in this Conference?	
What can be improved?	

Would you recommend the CEO's Conference ? YES ○ NO ○

ACTION

Insight		Action
What is the point of interest for me?	What action I can take after the workshop?	What is my first opportunity? How, with whom and by when?

YOUR feedback is essential

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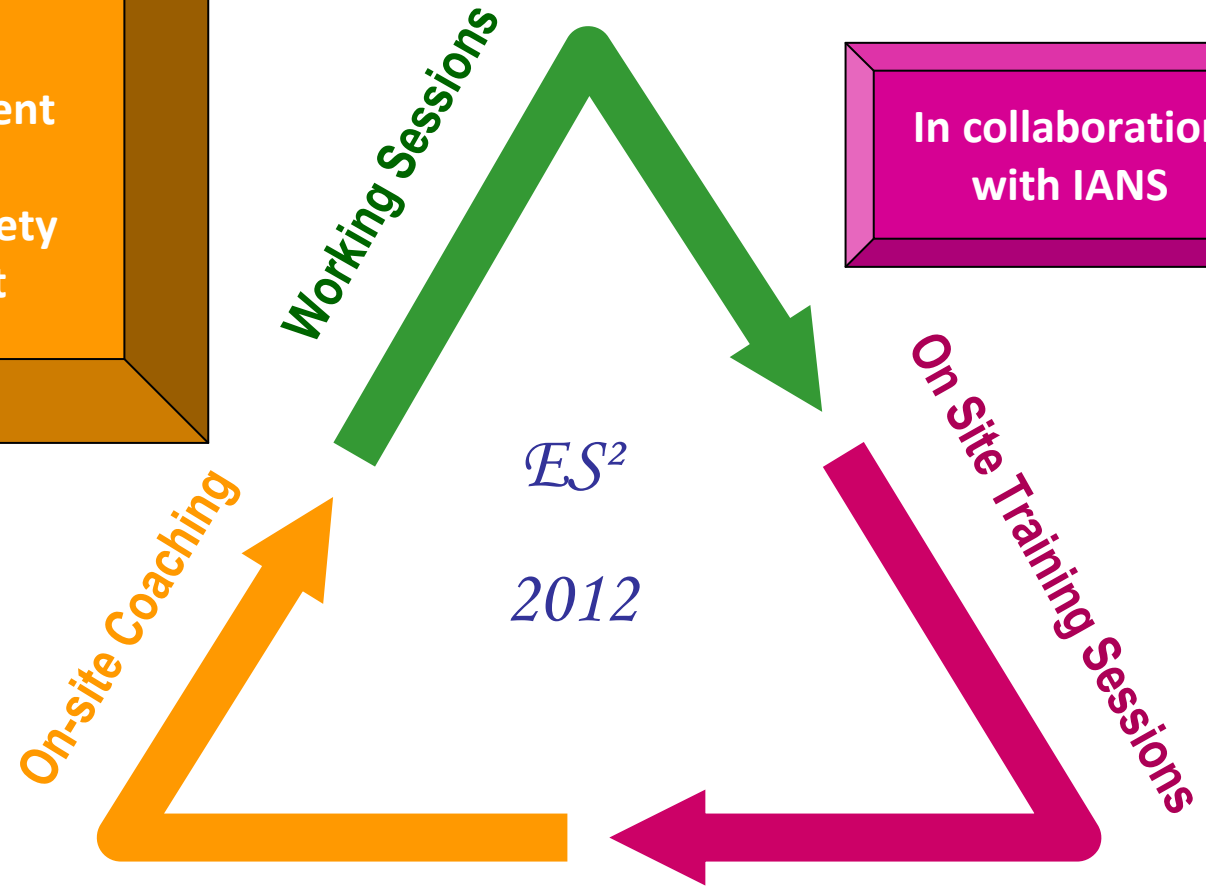
On-site Support
SMS
Survey
Safety Case
Safety Assessment
TRM
Operational Safety
Improvement
....



In collaboration with IANS

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ATM Public Courses - Allocation by Domain – 2012

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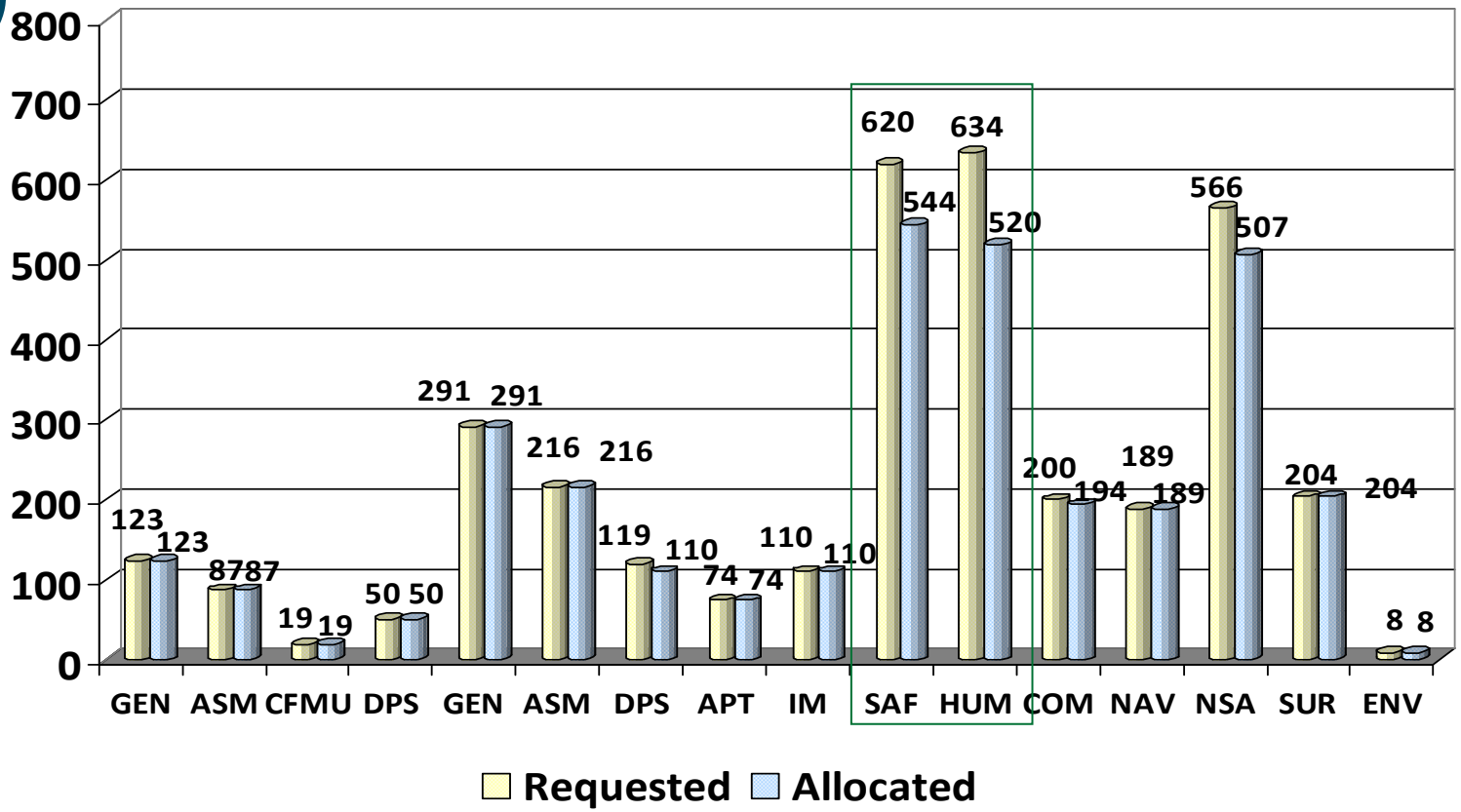
- SAF-Assessment
  FHA/PSSA/SSA
  SW
  HFA
- SAF-Safety Case
- SAF-SUR
  Survey
- SAF-SMS
- SAF-INV
- SAF-NETS
  SAF-AIR
  ERP & SMSAD
- SAF-TOOLS
- SAF-SORA



SMS Courses are given also on site and internally

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THEMES	CONTENT	TARGET AUDIENCE	DATES	LOCATION
WS 1-12 *FAB Performance Monitoring*	Daily performance to Annual performance RAT, APF, ASMT, Maturity, Training, interface between ANSPs and NAAs	Safety WP Leaders, Projects Managers, Safety Managers, Safety Specialists (OPS & TECH), NAA, EC , EASA, PRU	09-10 May	Zagreb Hosted by CROCONTROL (TBC)
WS 2-12 *FAB Just Culture*	Just Culture, Regulatory framework, Reporting & Investigation, Exchange of data, Training aspects, interface between ANSPs and NAAs on Just Culture	Safety WP Leaders, Projects Managers, Safety Managers, Legal experts, Lawyers, Judicial authorities, NAA, EC and EASA	20-21 September	Istanbul Hosted by DHMI
WS 3-12 *FAB Safety Survey*	Safety Surveys: Operational survey and day to day operations , Technical survey, Building survey, Safety Culture Survey. Training aspects of Safety Surveys Regional Safety Culture WS	Safety WP Leaders, Projects Managers, Safety managers, safety Specialists (OPS & TECH), EASA	21-22 November 20 Nov	Luxembourg IANS/DNM Training - Hosted by EUROCONTROL
ST04 and WS 4-12 *CEOs Meeting* *Focus on preparation of RP2*	Annual [ES]^2 Report & Priorities for 2013 FAB lessons learnt, Issues & Concerns, Implementation Status, Preparation to the RP2 second ref. period and FAB Safety Culture first measurement	CEOs, Projects Managers, Safety Directors, Safety Managers, OPS Directors.	20-22 Mar 2013	Bled Hosted by SLOVENIA CONTROL

http://www.eurocontrol.int/services/es2-experience-sharing-enhanced-sms

Click on Forums and Workshops

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ES² 2012 Workshop Achievement

- Average of 80 participants per session (45 in 2012)
- Average number of 31 ANSPs per session (25 in 2012)
- Average number of 2 Institutions/Organisation
- Total participation
  - Participants : 240
  - ANSPs Organisation : 33
  - Institutions/Organisation : 3
  - Associations : 6
  - AAIB : 1
  - Airlines : 9
  - Airports : 2
  - Manufacturers : 3
  - University/Academy : 3
  - NSA : 6

Achievements and Trends from 2012

- **Additional themes**
  - Not only classical SMS implementation subjects – Objective is to enhance safety
    - Local enhancement and FAB dimension, and Network
  - Degraded modes of operations, cyber-attacks
  - Safety Culture implementation workshop
  - Just Culture regional workshop and pilot training
  - On going deployment of SAF TOOLS: RAT, APF & ASMT, enablers for Saf. Perf. Monitoring

- **Subject not fully completed and remaining issues – locally & FAB vs Maturity Level 3**
  - SMS enhancement, best practices sharing for safety performance and others like USC…….
  - Safety Performance Monitoring and Aggregation of Safety Data/Target at FAB level
  - Assessment of software
  - Human Performance
  - Just Culture & Safety Culture
  - EGSMM updates and upgrades

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Situation in ATM : 3 KPIs but with no Targets
We should welcome that !

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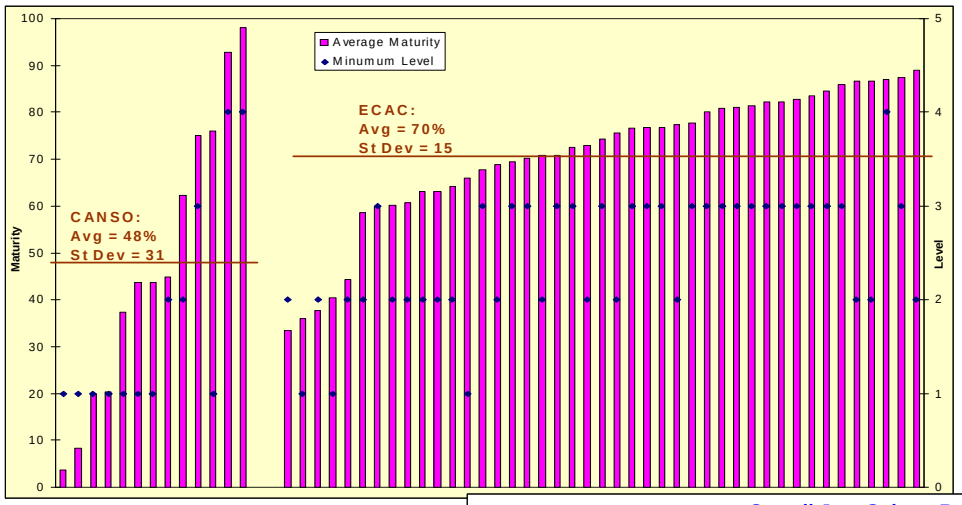
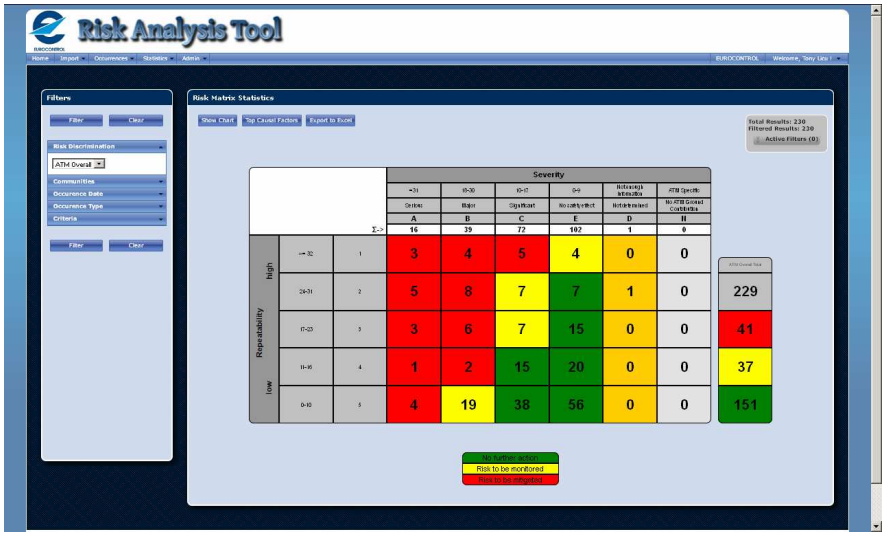
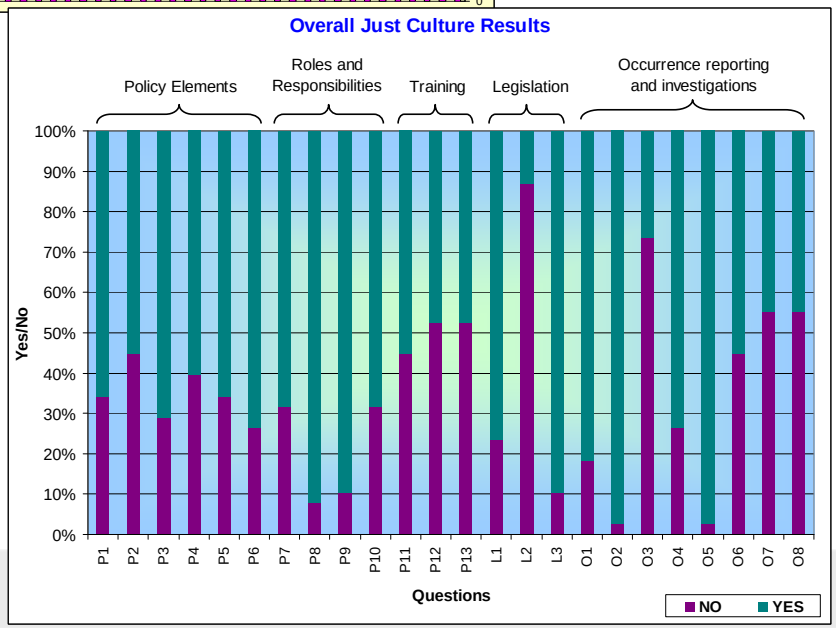
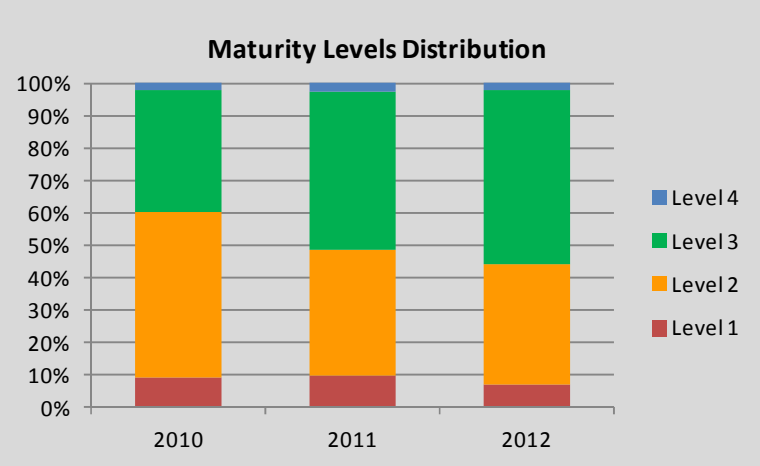


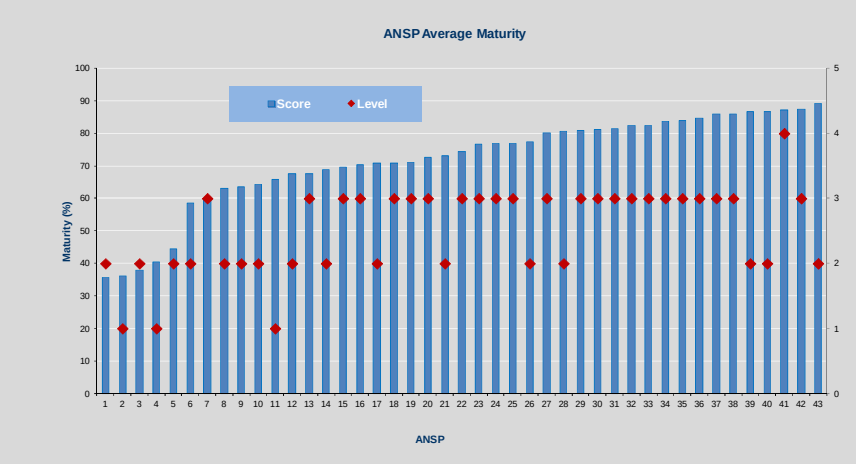




How ES² can contribute to added value Workshops?

Standard of Excellence/Effectiveness of SMS





- Maturity level in the ECAC Region has increased slightly since 2011 survey
  - SA 7 (Safety Interfaces) still the weakest;
  - SA 3 (Timely Compliance with International Obligations) still the strongest;
- There are 3 at Level 1 and 16 at Level 2

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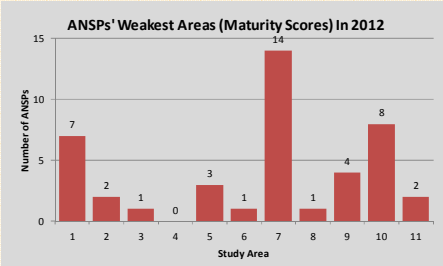
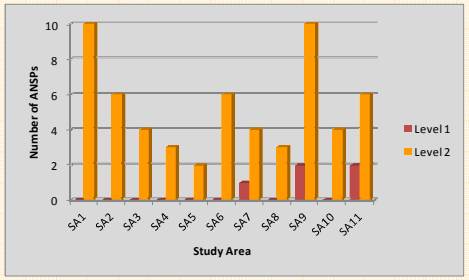
Weakest Areas



As per overall maturity scores:
SA7: Safety Interfaces



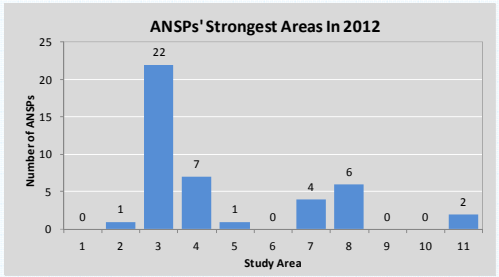
Level 1 and 2:

SA1: Safety Culture

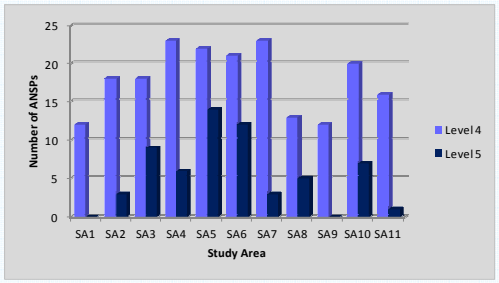
SA9: Safety Performance Monitoring

SA11: Adoption and Sharing of Best Practices

Strongest Areas



As per overall maturity scores:
SA3: Timely Compliance with Internat. Obligations



Level 4 and 5:

SA4: Safety Achievement

SA5: Competency

SA6: Risk Management

SA7: Safety Interfaces

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Consideration & Proposal for 2013

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Consideration

- Network role → Focus on Operational Safety Improvement /Maturity level 3
- Lack of resources
- Budgetary constraints, all

Proposal

- From 2014 to keep 2 or 3 workshops per year (WS subject TBD in ST04 tomorrow)
- CEO Conference once every two years, next would be beginning 2015 fitting with RP2 start of period

Please Tell us

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[ES]^2 2013 Programme

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THEMES	CONTENT	TARGET AUDIENCE	DATES	LOCATION
WS 1-13 *SW Assurance*	Software Safety Assurance SWALs, Industry and ANSPs contributions in Safety Assessments and Software Assessments	SW and HF experts, Safety Managers, Safety Specialists (OPS & TECH), NAA, EC , EASA, PRU	07-08 May	Luxembourg Hosted by EUROCONTROL in IANS Luxembourg
WS 2-13 *Safety HP*	Safety Human Performance Conference	Human Factors and Safety experts, Projects Managers, Safety Managers, NAA/NSAs EC and EASA	26-27 September	Dublin Hosted by IAA
WS 3-13 *Safety Investigation*	Best Practices in Occurrence Investigations Safety 1 and Safety 2 State of the art Tools e.g RAT, others Just Culture environment	Safety Investigators, Safety managers, safety Specialists (OPS & TECH), AAIB, EASA, EC, Airlines, Prosecutors, Judiciary	21-22 November	Luxembourg Hosted by EUROCONTROL in IANS Luxembourg
ST07 and WS 4-13 *CEOs Meeting* *Focus on RP2 preparation*	Annual [ES]^2 Report & Priorities for 2014-2015	CEOs, Safety Directors, Safety Managers, OPS Directors.	TBD Mar 2014/2015	Hosted TBD

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ES2-WS01-13

Launched
Survey Initiative

Your experience and opinion are extremely important
Your participation is encouraged.
We learn from you

*** ES²-WS01-13 Saftey Survey on Software Safety Assurance System ***

The EUROCONTROL ES²-WS01-13 Safety Survey is for anonymous data collection only. Your experience and opinion are extremely important and your participation is encouraged. It is suggested that any person who can contribute to improving Software Safety Assurance System, SSAS, completes one survey by using the mail-in form (no postage required). You are authorized to duplicate the mail-in form for distribution to other individuals who can contribute to improving SSAS. Please ensure that we receive your survey results by March 30th 2013.

For survey purposes, have you defined and implemented a SSAS with software related aspects in accordance with Articles 3 "General safety requirements", Article 4 "Requirements applying to the software safety assurance system" and Article 5 "Requirements applying to changes to software and to specific software" of the Reg. (EC) 482/2008: Establishing a software safety assurance system to be implemented by ANSPs and amending Annex II to Regulation (EC) No 2096/2005.

Please return the survey to frederic.lieutaud@eurocontrol.int

1. SSAS Definition – Strength & Pitfalls

How did you define it?

What problem/difficulties did you meet?

How did you solve them?

2. SSAS Implementation? Strength & Pitfalls

Did you develop a plan / a program? – please detail your answer -

How did you manage the interface with your NSA/Regulator?

How did you manage the interface with your contractors, if any?

How did you manage the compliance to the Reg. 482/2008?

3. Link with the SMS - Strength & Pitfalls

How did you address the software safety assurance requirements with the SMS framework?

4. Do you have any specific comments or suggestions on the implementation of a Software Safety Assurance System? - Strength & Pitfalls

Please feel free to develop your answers as you would like to.
There is no obligation to respect the number of lines for each of the questions above.

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Requests for 2014

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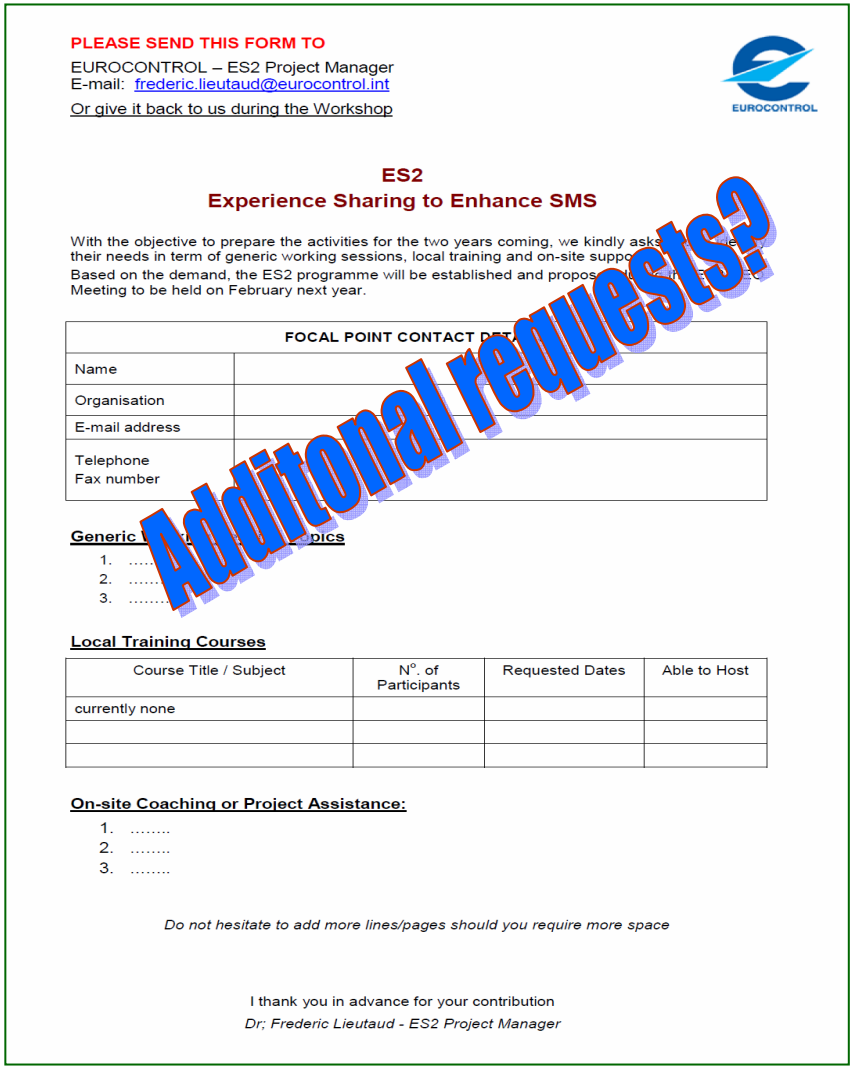
- ✓ Workshops
- ✓ Organisation need
  - Coaching
  - Safety awareness session
  - Training session

Please, send us the safety form

http://www.eurocontrol.int/services/es2-experience-sharing-enhanced-sms

Tell us your willingness to host a WS



PLEASE SEND THIS FORM TO

EUROCONTROL – ES2 Project Manager
E-mail: frederic.lieutaud@eurocontrol.int
Or give it back to us during the Workshop

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ES2
Experience Sharing to Enhance SMS

With the objective to prepare the activities for the two years coming, we kindly ask [illegible] their needs in term of generic working sessions, local training and on-site suppo[illegible]
Based on the demand, the ES2 programme will be established and propos[illegible]
Meeting to be held on February next year.

Additonal requests?

FOCAL POINT CONTACT DET[illegible]	
Name	
Organisation	
E-mail address	
Telephone Fax number	

Generic [illegible] opics

1. .....
2. .....
3. .....

Local Training Courses

Course Title / Subject	N°. of Participants	Requested Dates	Able to Host
currently none			

On-site Coaching or Project Assistance:

1. .....
2. .....
3. .....

Do not hesitate to add more lines/pages should you require more space

I thank you in advance for your contribution
Dr; Frederic Lieutaud - ES2 Project Manager

[ES]^2 2014 Programme

✓ Initial thought, regarding workshops

THEMES	CONTENT	TARGET AUDIENCE	DATES	LOCATION
WS 1-14			May ??	Hosted TBD
WS 2-14			October ??	Hosted TBD
WS 2-14			October ??	Hosted TBD
ST and WS 3-14 CEOs Meeting Focus on preparation of RP2	Annual [ES]^2 Report & Priorities for 2014-2015	CEOs, Safety Directors, Safety Managers, OPS Directors.	Month?? 2014 or 2015 ??	Hosted TBD

Experience Sharing

Enhanced SMS

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