



SESAR Showcase

A Conference & Exhibition of SESAR 1 Results

Amsterdam, 14-16 June 2016





SESAR Showcase
Amsterdam, 14-16 June 2016



Introductory remarks

Thomas Reynaert,
Managing Director,
A4E

Airlines for Europe



Founded in January 2016 at the Aviation Summit in Amsterdam

First association which brings low cost and network carriers together – and open for all business models

✈ **>500 million passengers**
(**>50% of all European pax**)

✈ **>EUR 93bn turnover**

✈ **>2,300 airplanes**

✈ 9 airline groups as member:

Air France-KLM

easyJet

Finnair

IAG

jet2.com

Lufthansa

Norwegian

Ryanair

Volotea

SESAR Showcase

Amsterdam, 14-16 June 2016

Where are we now?



- ➔ **Single European Sky (SES) progress has been much too slow**
- ➔ **Benefits for airline operations in terms of efficiency and cost savings are yet to come**
- ➔ **Technological pillar of SES, the SESAR programme, is hopefully bringing a turn around**
- ➔ **All parties involved need to ensure that the SES high level goals will be achieved**



A4E key asks



- Fast & efficient deployment of SESAR to bring tangible benefits to airspace users
- Drive towards rationalisation, standardisation, and technology sharing
- Ensure global interoperability
- Provide sufficient and reliable public investment in European ATM modernization
 - *more emphasis on SESAR in upcoming review of the Multiannual Financial Framework*
 - *dedicated SESAR funds for SESAR deployment in next EU financial period*

SESAR Showcase

Amsterdam, 14-16 June 2016

What A4E is doing



- ➔ **Discuss involvement in SESAR 2020 programme**
- ➔ **Bring forward discussions on future funding for ATM modernisation**
- ➔ **Engage in the revision of Pilot Common Project and next Common Project**





Thank you for your attention

More information:

Airlines for Europe
Rue du Luxembourg 3
1000 Brussels
Phone: +32 27 93 09 11
Email: contact@a4e.eu
Web: www.A4E.eu

SESAR Showcase
Amsterdam, 14-16 June 2016



Introductory remarks

Roland Van Reybroek,
Director for Cooperation Planning &
Support, European Defence Agency



SESAR Performance

Jose Miguel de Pablo

Director of CRIDA,
ENAI

SESAR Showcase

Amsterdam, 14-16 June 2016



SESAR: A Performance Driven Approach

José Miguel de Pablo
Director of CRIDA, ENAIRE

Why do we need Performance Assessment?



How can you know that your SESAR solution will bring the expected benefits?



How can you justify that your SESAR Solution is ready for deployment and industrialisation?



How can you know if it is necessary to plan additional assessments or propose new concepts?

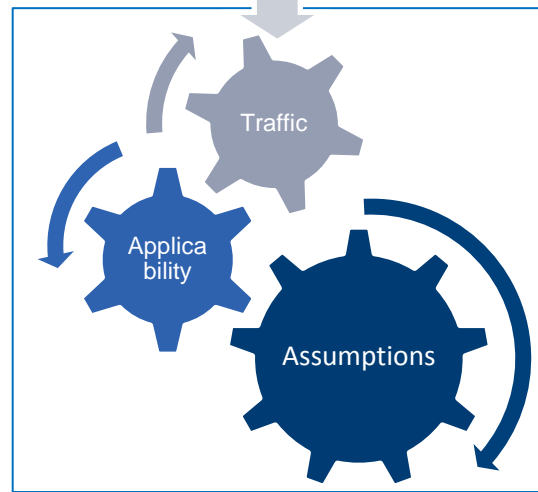
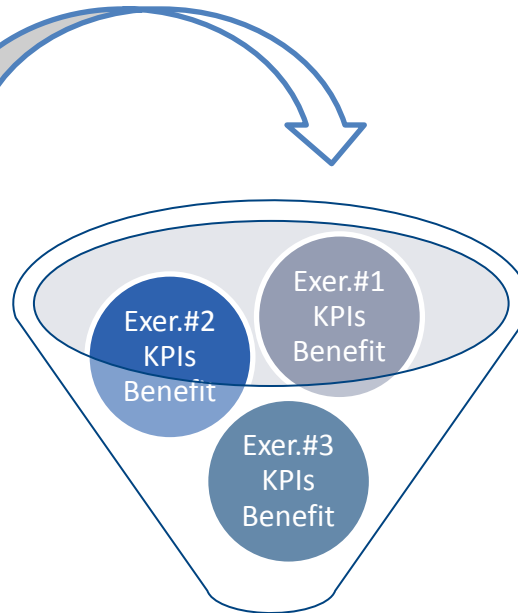
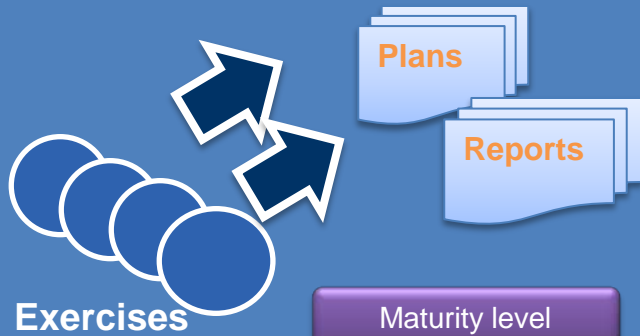
What is Performance Assessment?

SCOPE

A bottom-up aggregation of what is actually being validated

SESAR Solution 1

SESAR Solution 2



SESAR 1
ASSESSMENT
&
European Level



What are the Validation Targets?

SCOPE

A top-down performance allocation consistent with the overall SESAR contribution to SES goals
SES High Level Goals (HLGs)

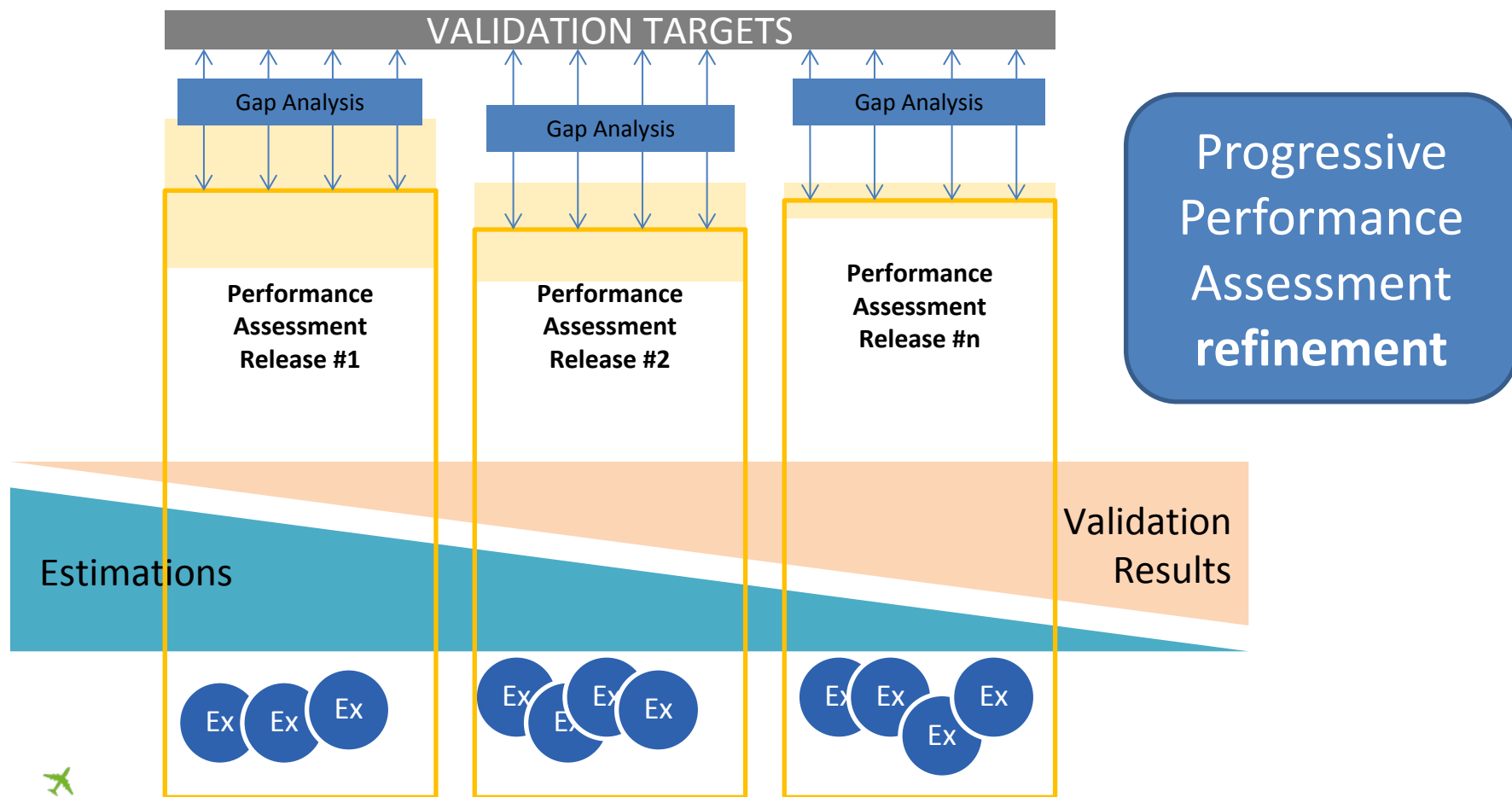
Improving safety
by a factor of 10

Enabling EU skies
to handle **3 times
more traffic**

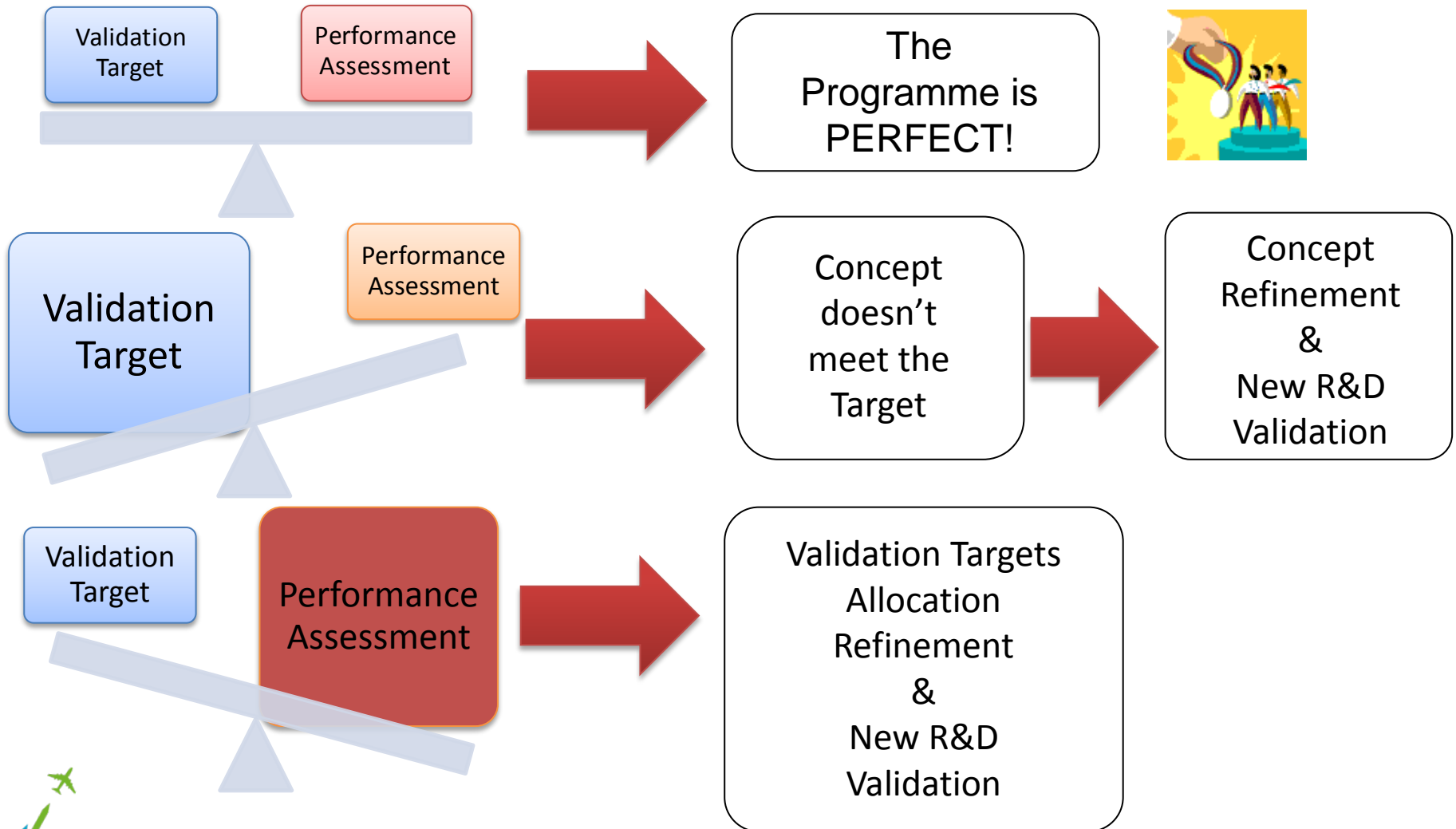
Reducing
the **environmental
impact** per flight by 10%

Cutting ATM
cost per flight
by 50%

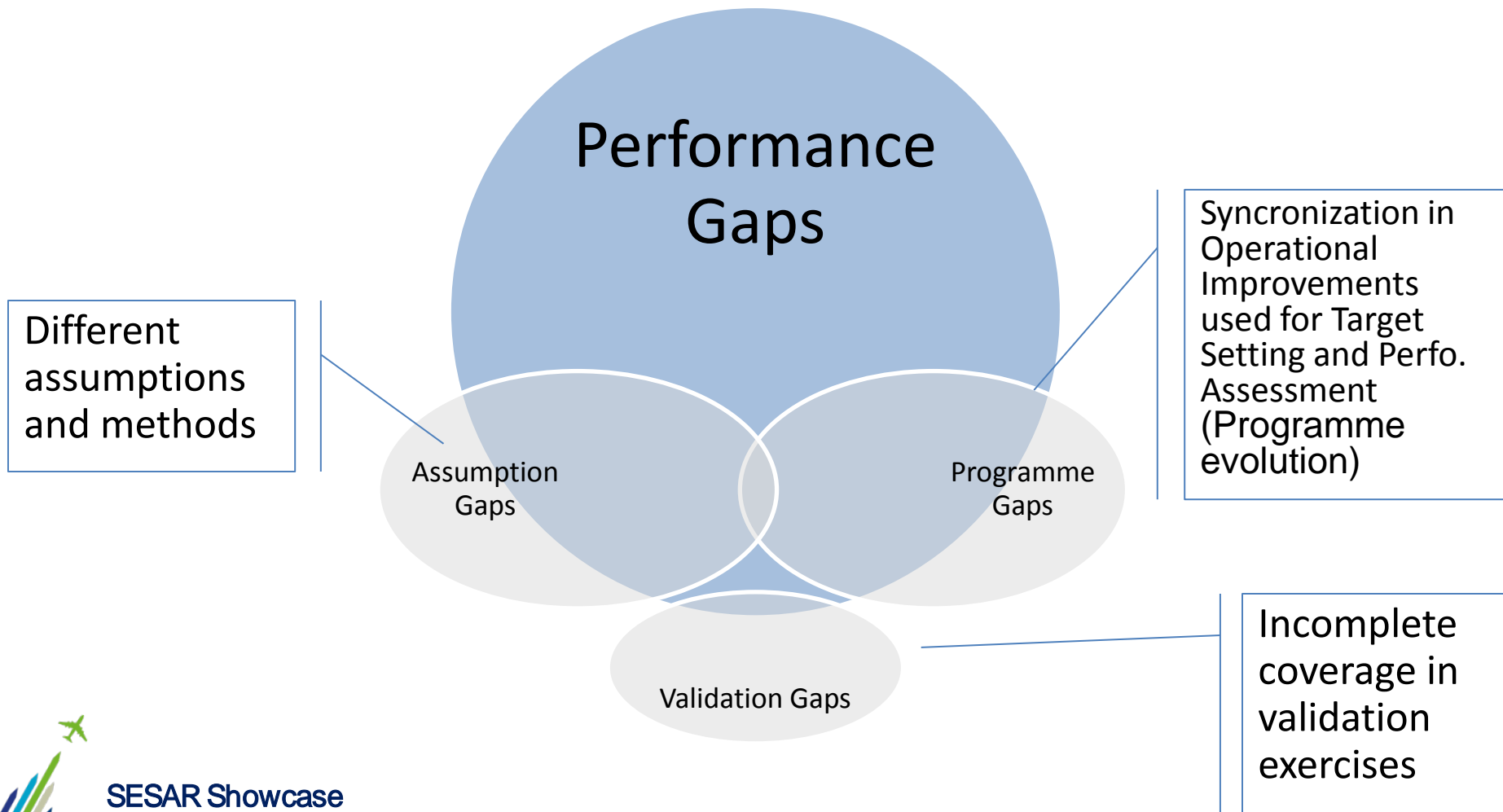
What is Performance Assessment?



What a Gap Analysis IDEALLY would tell us?



What a Gap Analysis REALLY tell us?



Key Performance Areas and Indicators

Fuel Efficiency

- Fuel burn per flight

Airspace Capacity

- Peak airspace capacity

Airport Capacity

- Peak airport runway

Predictability

- Block to block flight execution variability

Cost Effectiveness

- Flights per ATCO

Performance Areas and Indicators

Punctuality

- Flights departing within +/- 3 minutes of the scheduled departure

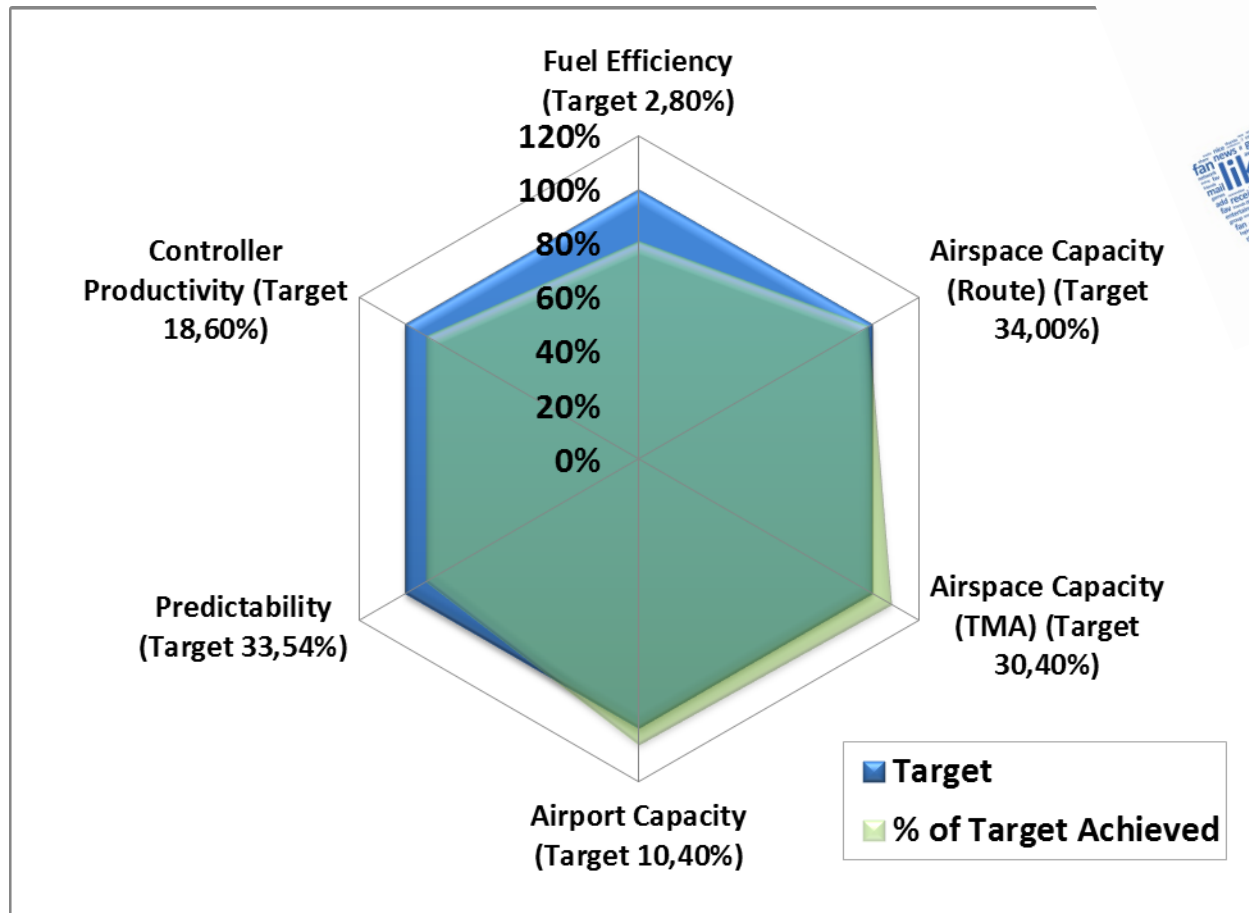
Civil/Military Cooperation and Coordination

- Distance and flight time from base to Military Airspace Reserved

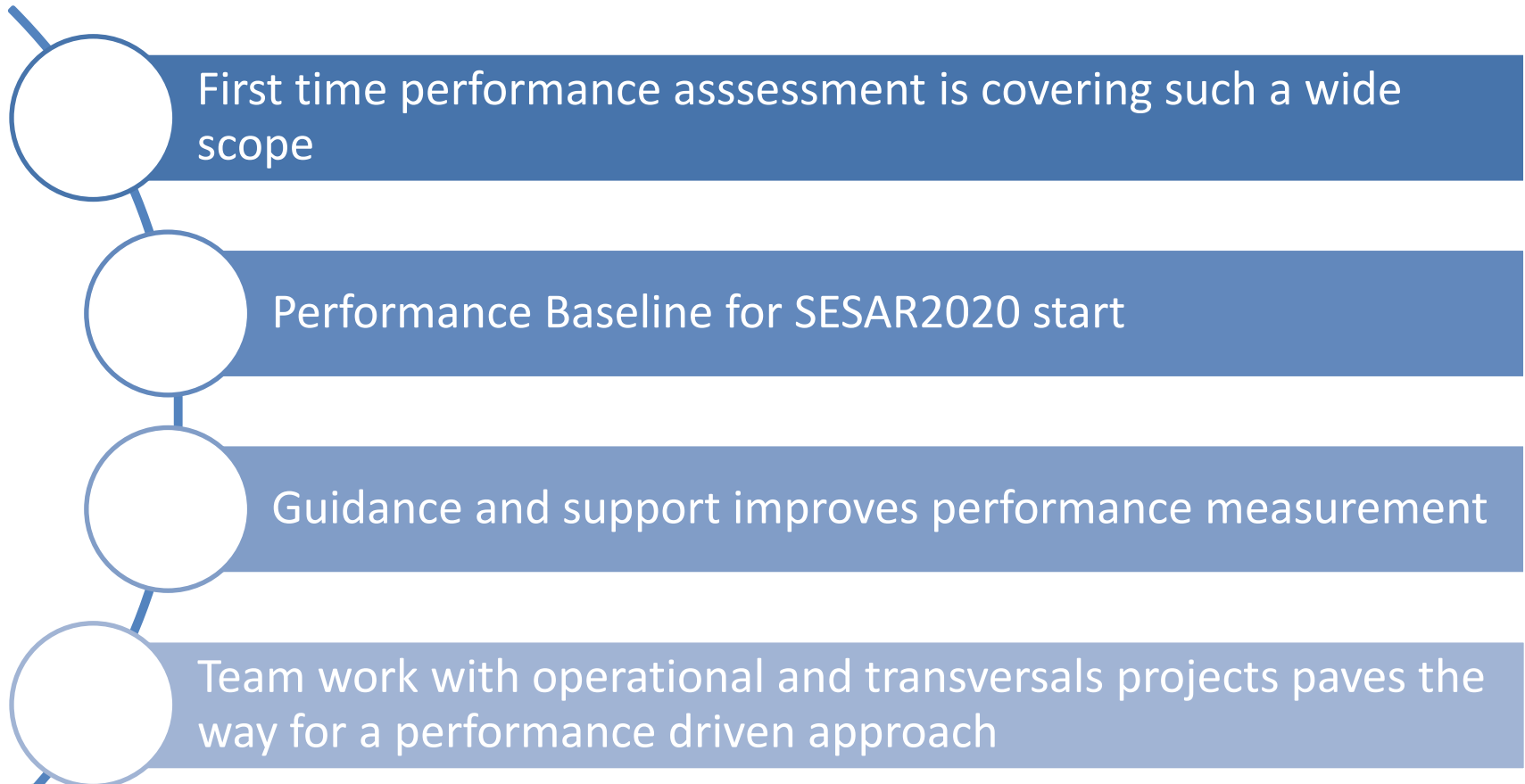
Resilience

- Avoided loss of airport and airspace capacity

Performance Achievements in SESAR1 (Not including Release 5 results)



Conclusions



What did we achieve with Performance Assessment?



How can you know that your SESAR solution will bring the expected benefits?



How can you justify that your SESAR Solution is ready for deployment and industrialisation?



How can you know if it is necessary to plan additional assessments or propose new concepts?

SESAR 2020



Thank you for your attention

More information:

jmdepablo@crida.es

jmdepablo@e-crida.enaire.es

SESAR Showcase

Amsterdam, 14-16 June 2016

SESAR Achievements



Morten Dambaek,
Chief Executive Officer,
Naviair



Michael Holzbauer,
Director European ATM
Programmes, Frequentis



Patrick Peters,
President and CEO, IFATCA



Stefano Porfiri,
SESAR Programme Director,
Leonardo-Finmeccanica



Gerard Batistella
Director Single European
Sky, Groupe ADP



Patrick Schuster,
Head of MPP & ATM
Engineering, Airbus

SESAR Showcase

Amsterdam, 14-16 June 2016



SESAR: What's on the horizon?

Florian Guillermet,
Executive Director,
SESAR JU



Performance perspective: converting SESAR achievements into performance gains and cost savings

Peter Griffiths,
PRB Chair



SESAR Deployment

Massimo Garbini,

Managing Director,
SESAR Deployment Manager

SESAR Showcase

Amsterdam, 14-16 June 2016



Research and Innovation towards 2020 and beyond

Ralf Bertsch,

Director Planning & Innovation,
DFS

SESAR Showcase

Amsterdam, 14-16 June 2016



SESAR 2020: ATM challenges for the near future

Florian Guillermet,
Executive Director,
SESAR JU

SESAR Showcase
Amsterdam, 14-16 June 2016



Closing remarks

Sharon Dijksma,
State Secretary for Infrastructure and the
Environment,
Dutch Ministry



Closing remarks

Henrik Hololei,

Director General, DG MOVE, European
Commission and Chairman of the
Administrative Board of the SESAR JU

SESAR Showcase

Amsterdam, 14-16 June 2016



SESAR Showcase
Amsterdam, 14-16 June 2016



SESAR Showcase
Amsterdam, 14-16 June 2016



SESAR Showcase

A Conference & Exhibition of SESAR 1 Results

Amsterdam, 14-16 June 2016

