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UNITING AVIATION

NO COUNTRY LEFT BEHIND



NACC/DCA/6 – P/07

ICAO Strategic Safety tools for Directors

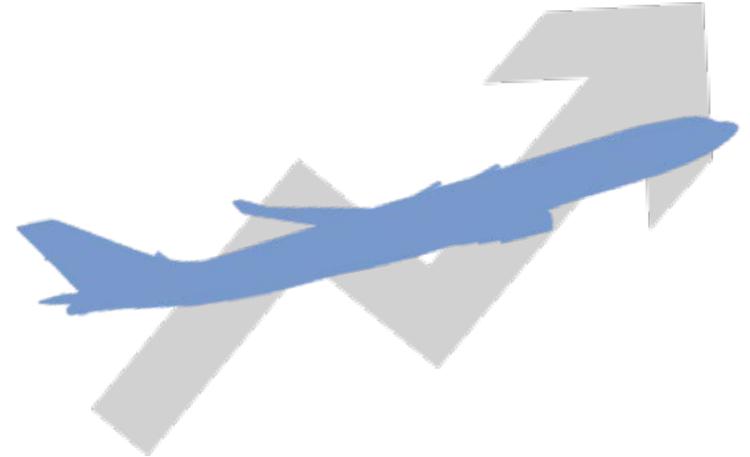
Enhancing Global Safety Performance

NACC/DCA/6 Meeting
Nassau, Bahamas, 10 to 12 May 2016



Global Traffic Forecast

- Air traffic is predicted to **double** in the next 15 years
- Our collective responsibility is to **allow the aviation system to *safely* realize this growth**





EMPOWER Stakeholders DELIVER Measurable Results



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Needs Analysis / Validation

ANTICIPATE
the needs

Global Plans

Global & Regional

COLLABORATE
on global priorities

SARPs & PANS

RECALIBRATE
to performance standards

Implementation Planning

Training & Guidance

FACILITATE
State implementation

Assess & Measure

COMMUNICATE
progress

Compliance & Verification

if needed

VALIDATE
results

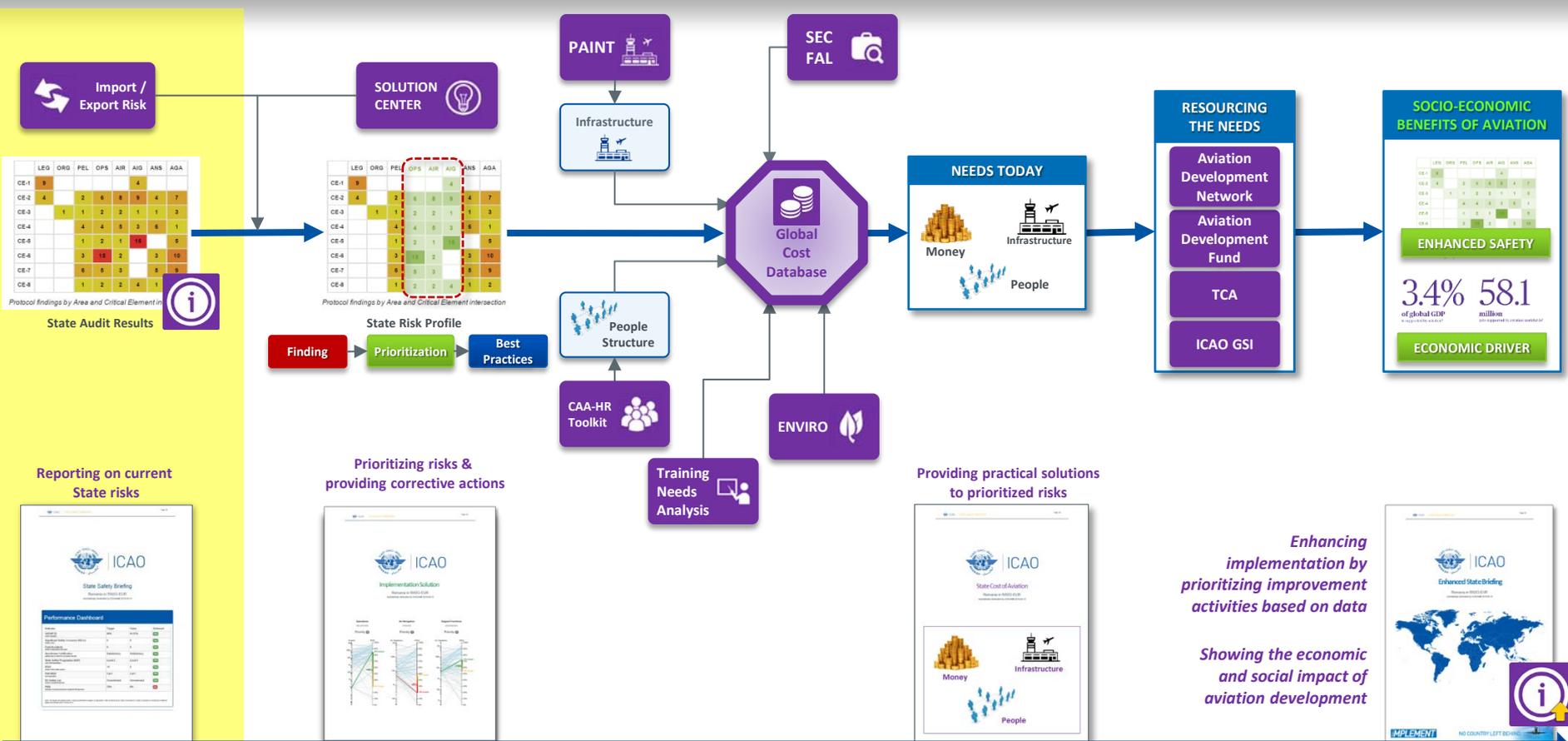


Evolving Safety Performance

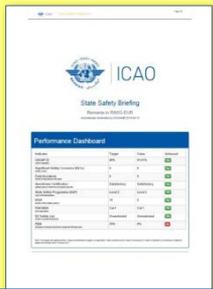
- **iMPLEMENT** is a data-driven decision making process that:
 - produces a High-level report showing State information
 - facilitates the enhancement of a State's implementation rate by helping prioritize activities based on data
 - provides a business case for the economic and social impact of aviation development.



All stakeholders should come up with a strategy to complement NCLB



Reporting on current State risks



Prioritizing risks & providing corrective actions

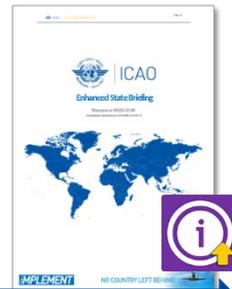


Providing practical solutions to prioritized risks



Enhancing implementation by prioritizing improvement activities based on data

Showing the economic and social impact of aviation development





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State Safety Briefing
Romania in RASC-EUR
Automatically Generated by ICAO/EUR 2019-09-18

Performance Dashboard

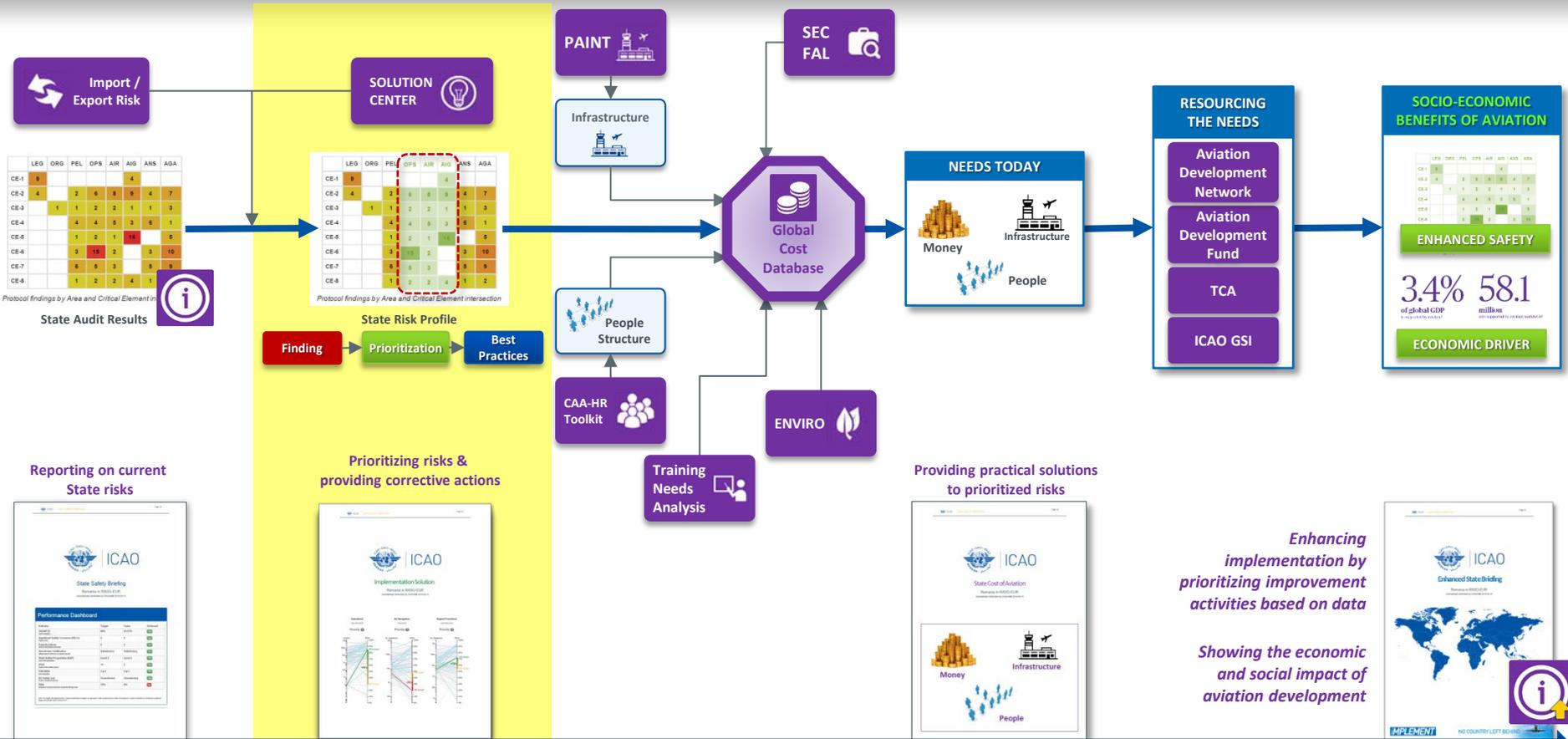
Indicator	Target	Value	Achieved
USOAP EI <small>USOAP overall EI(%)</small>	60%	91.01%	Yes
Significant Safety Concerns (SSCs) <small>Number of SSCs</small>	0	0	Yes
Fatal Accidents <small>Number of fatal accidents in last 5 years</small>	0	0	Yes
Aerodrome Certification <small>Validated status of USOAP Protocol Questions (PQ) 8.061, 8.062 and 8.066</small>	Satisfactory	Satisfactory	Yes
State Safety Programme (SSP) <small>Level of SSP implementation</small>	Level 2	Level 3	Yes
IOSA <small>Number of IOSA certified operators</small>	>0	2	Yes
FAA IASA <small>IASA categorisation</small>	Cat 1	Cat 1	Yes
EU Safety List <small>Number of operational restrictions</small>	Unrestricted	Unrestricted	Yes
PBN <small>Percentage of international instrument runways with PBN approaches</small>	70%	0%	No

Note: The targets are agreed global or regional performance targets, as applicable. Fatal accidents are by State of Occurrence or State of Operator on scheduled commercial flights with aircraft over 5.7t since 2010.

Performance Dashboard

Indicator	Target	Value	Achieved
USOAP EI <small>USOAP overall EI(%)</small>	60%	90.96%	Yes
Significant Safety Concerns (SSCs) <small>Number of SSCs</small>	0	0	Yes
Fatal Accidents <small>Number of fatal accidents in last 5 years</small>		0	✔
Aerodrome Certification <small>Validated status of USOAP Protocol Questions (PQ) 8.061, 8.062 and 8.066</small>	Satisfactory	Satisfactory	Yes
State Safety Programme (SSP) <small>Level of SSP implementation</small>	Level 2	Level 3	Yes
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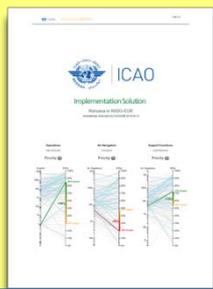
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Reporting on current State risks



Prioritizing risks & providing corrective actions

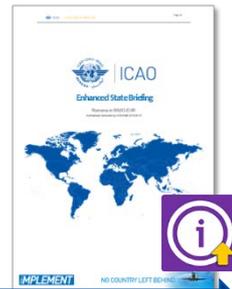


Providing practical solutions to prioritized risks



Enhancing implementation by prioritizing improvement activities based on data

Showing the economic and social impact of aviation development



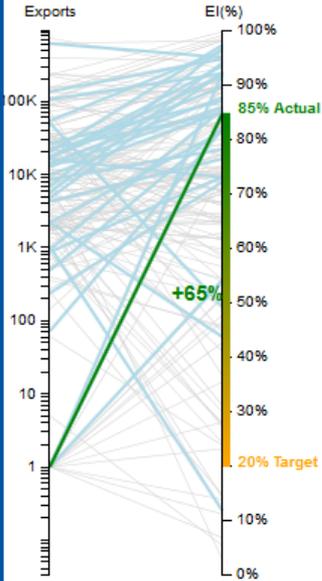


Import / Export Risk

Operations

PEL/OPS/AIR

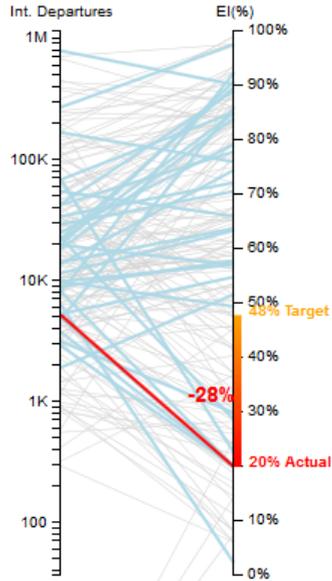
Priority 3



Air Navigation

AGA/ANS

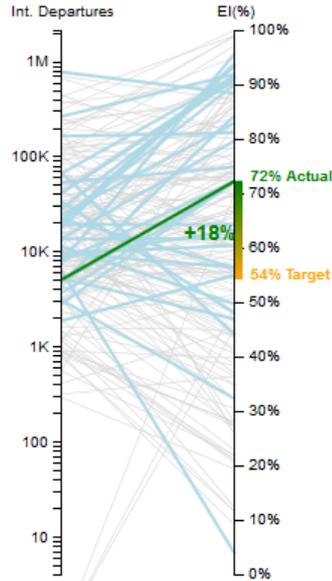
Priority 1



Support Functions

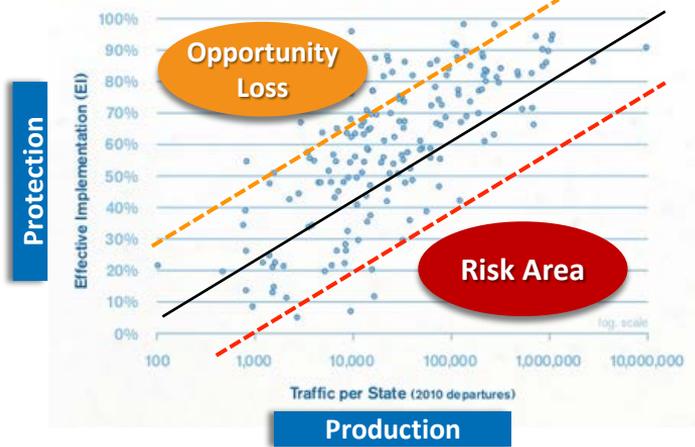
LEG/ORG/AIG

Priority 2



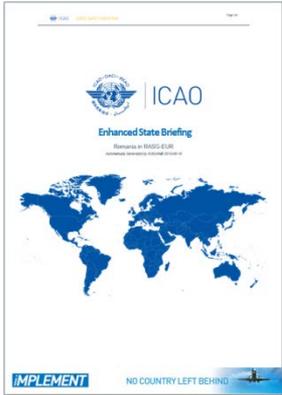
USOAP EI vs Traffic

Effective Implementation (EI) versus Traffic per State

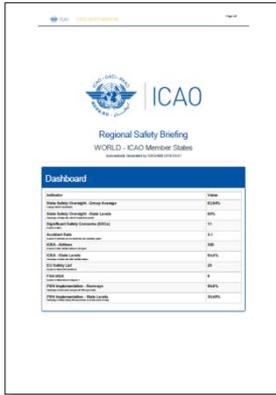




Executive-level Briefings



State Safety Briefing



Regional Safety Briefing



Aerodrome Briefing



Airspace Briefing



Airline Briefing

Work-in-Progress

* Accessible through *iSTARS/SPACE*



SPACE

iSTARS 2.0

IMPLEMENT



State Safety Briefing



Solution Center



CAA HR Benchmark



Economic Development Indicators



Dashboards



Regional Safety Briefing



Approach Paths



Airport Briefing

OVER 30

Applications in iSTARS / SPACE for Safety Analysis and Information

MORE THAN 2000+

Users registered in iSTARS / SPACE

www.icao.int/safety/ISTARS



State Safety Briefing Session





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UNITING AVIATION

NO COUNTRY LEFT BEHIND



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North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU

www.icao.int/IMPLEMENT