



EASA

European Aviation Safety Agency

EASA Annual Safety Conference
Day 2, 15/10/2015

Panel 8

Cooperative Training for Cooperative Oversight

Your safety is our mission.

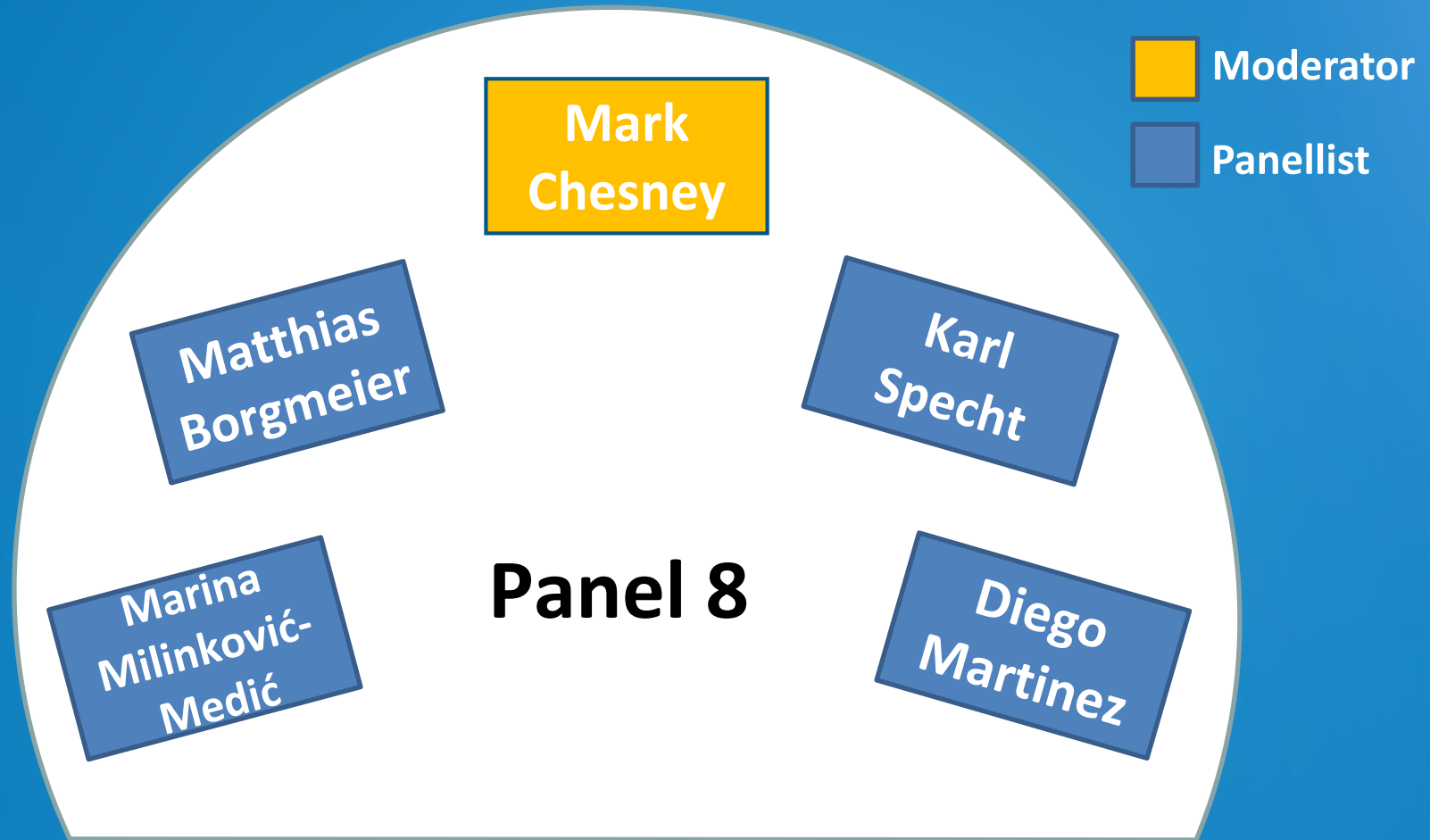
An agency of the European Union





EASA
European Aviation Safety Agency

Cooperative Training for Cooperative Oversight



Your safety is our mission.



Introducing the Panel

- | | |
|----------------------|-------------|
| ➤ Mark Chesney | UK CAA |
| ➤ Marina Medic | Serbian CAA |
| ➤ Karl Specht | EASA |
| ➤ Matthias Borgmeier | EASA |
| ➤ Diego Martinez | ICAO |



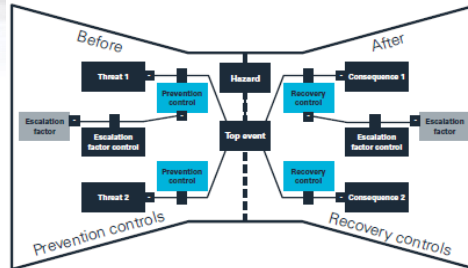
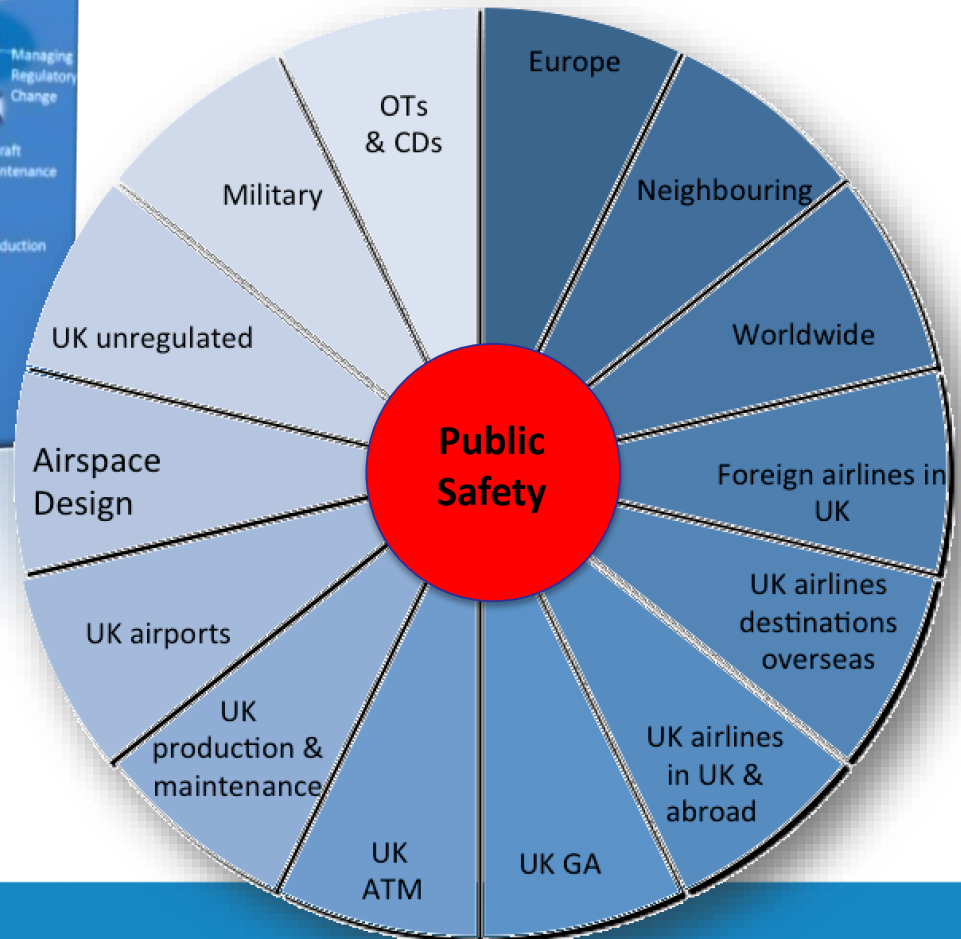


The Discussion

- View of UK CAA
 - What's Changed
 - Why Cooperate
- EASA New Business Model WG
- View of Serbia CAD
- EASA Pool of Experts
- EASA Academy
- ICAO Training
- Discussion



UK Changing Direction

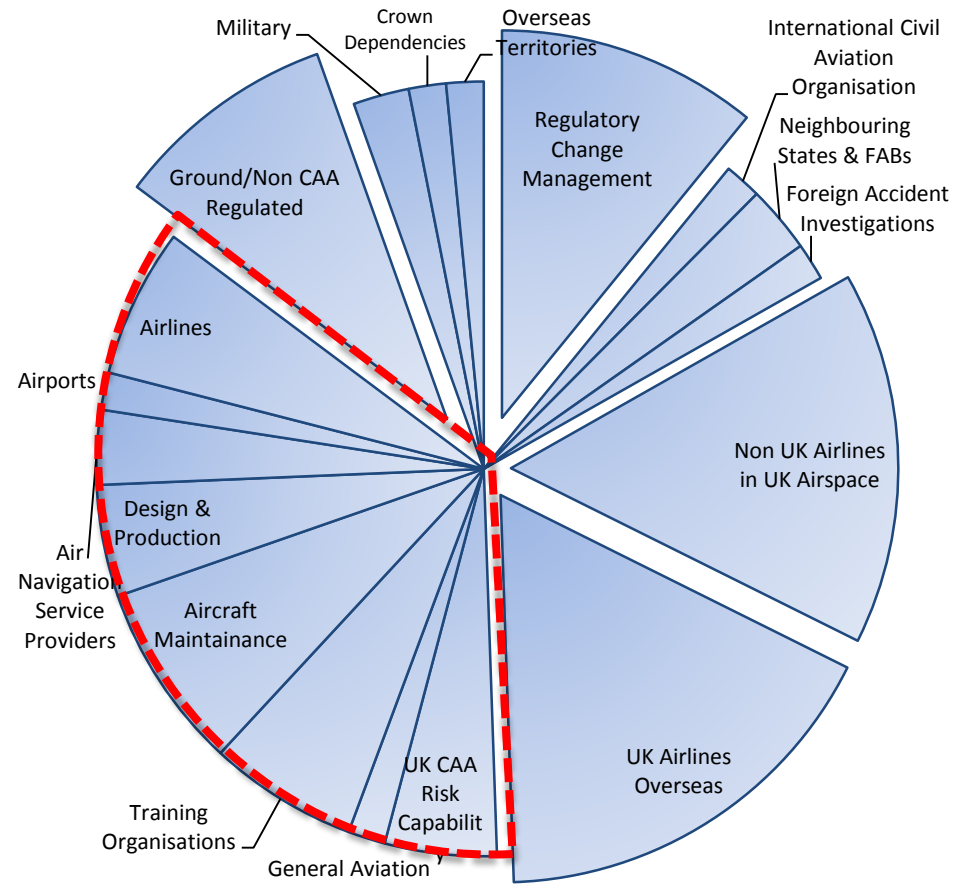




UK Change in Focus



- Total Aviation System
- Putting public safety at the centre of everything we do
- Performance Based Oversight
- Cooperative working



Residual Risk Wheel (RRW)



Benefits of Liberalisation since 1992



- Increase in passenger
- Increase in productivity
- Intense price competition
- Reduction in operating cost
- Transnational alliances & mergers



Patrick Ky



“The new economic regulatory framework allows the emergence of new airline business models, that pose a number of challenges.”

“How do we ensure the highest level of safety for all citizens?”



Liberalisation

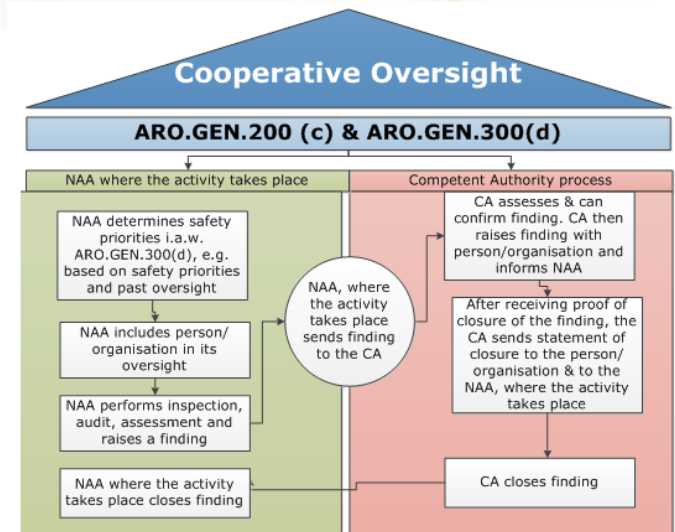
➤ What does it mean to the regulator?

- Economic
- Safety
- Social



➤ How does it feel?

➤ What sort of changes do we see?





Virtual Airlines/Ticket Sellers



Air Accident Investigation Unit Ireland

FORMAL REPORT

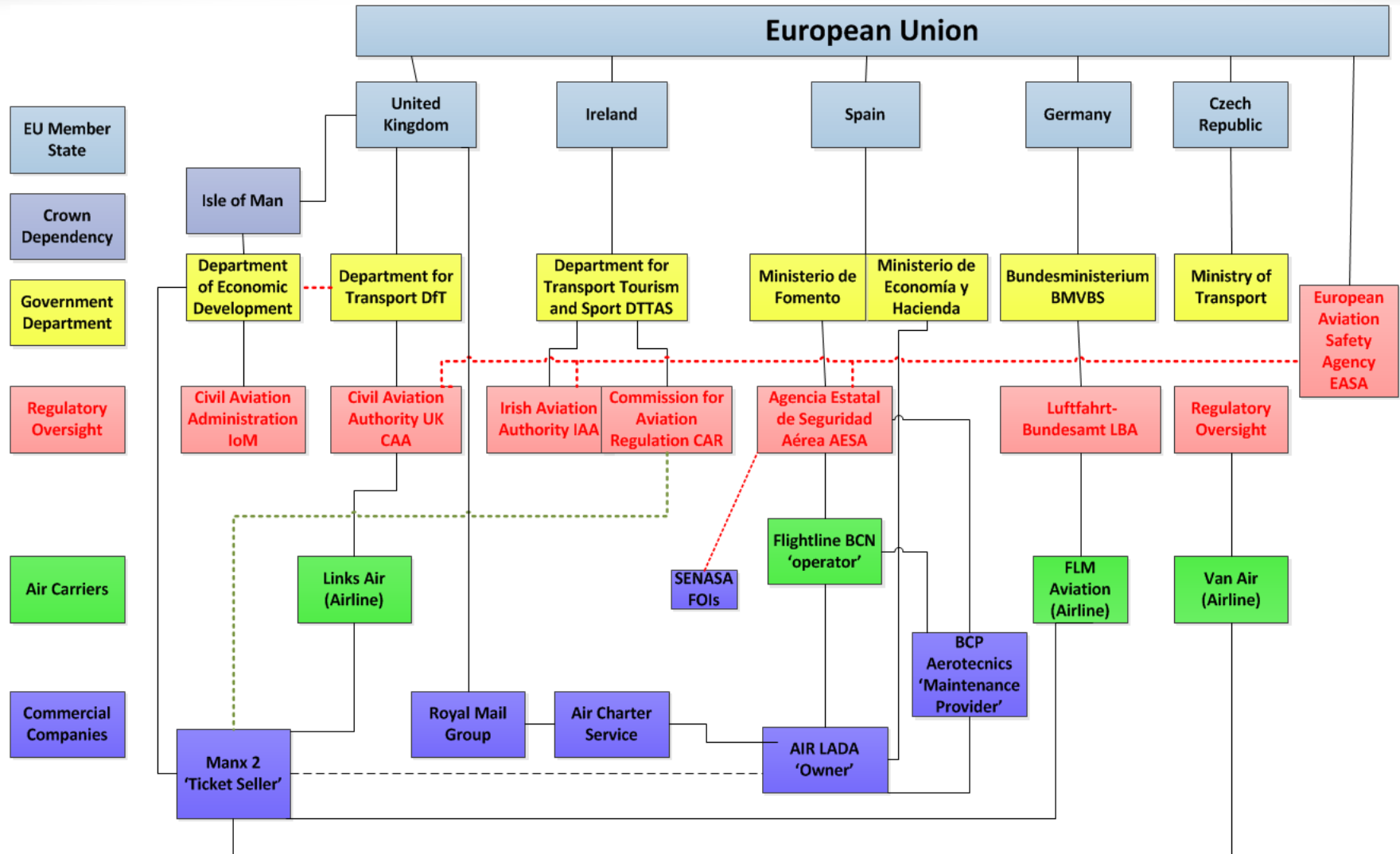
ACCIDENT
Fairchild Aircraft Corporation
SA 227-BC Metro III, EC-ITP
Cork Airport, Ireland
10 February 2011



An Roinn Iompair
Turasoireachta agus Spóirt
Department of Transport,
Tourism and Sport



Governance and The Controlling Mind





Transnational's & Interoperability

Multiple AOCs within a single holding in multiple countries allowing economies of scale by optimised use of crew and aircraft.



- Cross Border safety oversight
- Lines of responsibility across AOC





Long Term Wet Lease In *A 'Flexibility Provision?'*





Remote Basing



Allows business development
far away from Principle Place
of Business



73 Bases



- NAA's visibility of distant operation
- Remote safety oversight
- Operator own distant safety management



New Employment Models



Pilots contracting through agencies facilitates recruitment and adds flexibility to resource management



Report on Social Dumping/Rule shopping in aviation

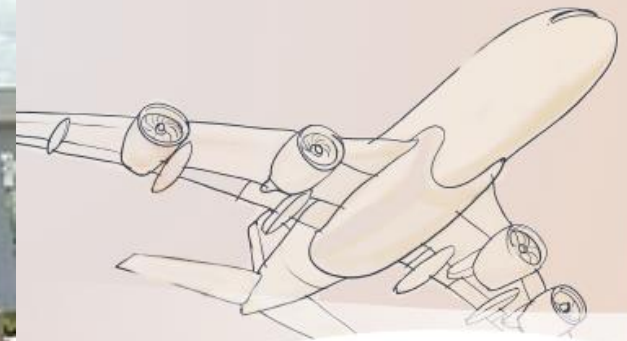
Status March 2015



Potential Impact on
Airline Safety Culture?

Atypical Employment in Aviation

Final Report



with financial support of:



European
Commission



New business models for aviation

Patrick Ky, Executive Director, EASA

ECAC forum

10 December 2014

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TE GEN.004029-001

Benefits: Economies of scale, optimised use of crew and aircraft, increases flexibility and adaptability to market demands, allows business development far away from the principal place of business

Challenges: Cross border safety oversight AOC & NAA, Lines of responsibilities, Cross Operator safety systems, Training, Distance safety oversight by AOC & NAA, Impact on safety culture. The rules themselves?



Future Consideration:

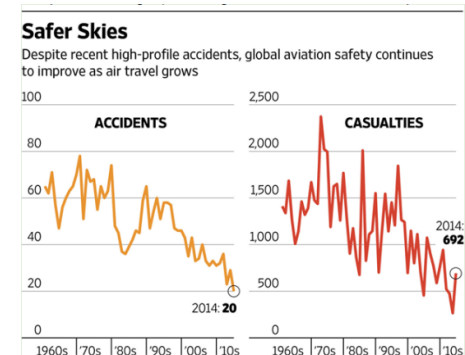
“Strategic partnerships to be established with key players of the aviation sector to regularly review business trends and possible actions needed from the **Agency to support new business development while maintaining a high level of safety.”**



Developing Business Models

Rationale

- Mitigate the risks associated with the emerging new business models **without stifling innovation or competition** in the market and ensure a common regulatory **safety** playing field across Member States





Management System



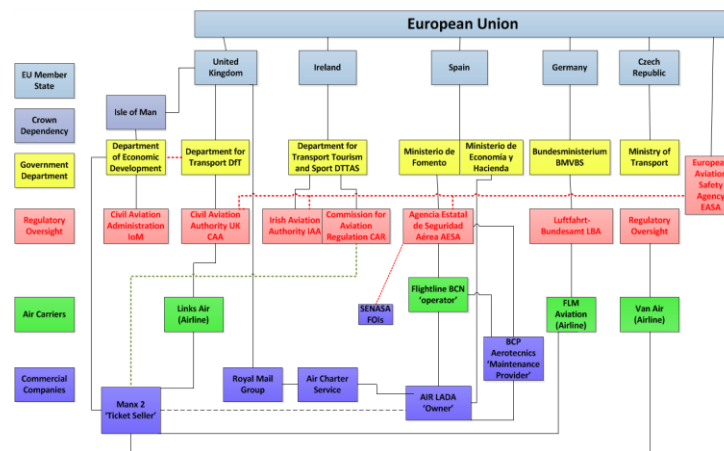
- **Management systems** of the operator should capture new hazards that are introduced by
 - different **employment models** within an individual operator,
 - increased **mobility of pilots**,
 - **safety-critical** services provided by **non-certified service providers**
 - **long-term leasing.**





Governance

- NAAs to have a thorough understanding of operators' **governance structure**. In particular influence of financial stakeholders and of the **controlling mind** of the operator, where the controlling mind is located outside the scope of approval.

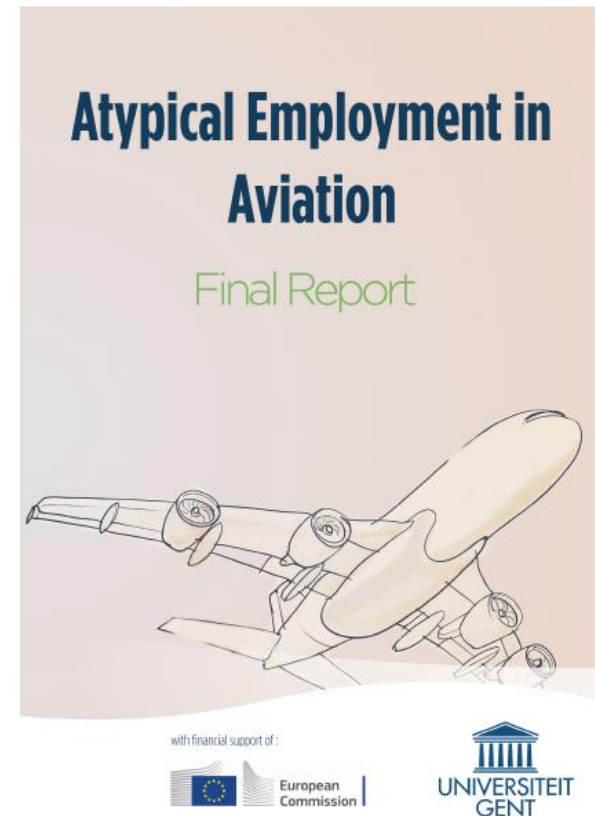




Occurrence Reporting



Data driven approach. EC376.
Obtain better EU-wide **occurrence reporting data** for NAAs to provide an opportunity to **benchmark an operator's safety culture**. Widen the scope of the **Network of Analysts** to better **identify potential hazards** of new business models on occurrence reporting.





Cooperative Oversight

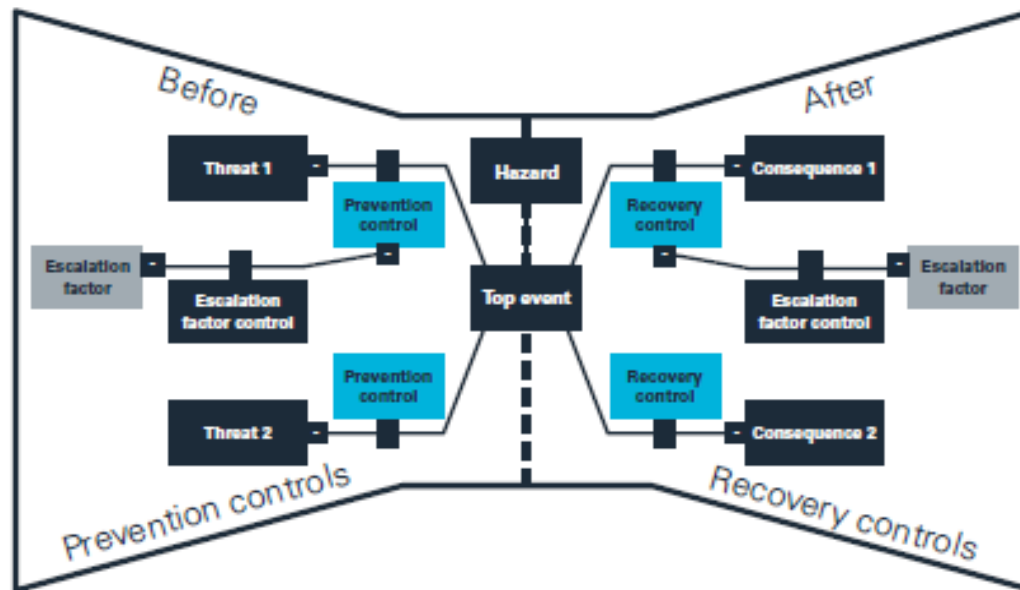


- EASA and NAAs to promote **cooperative oversight** and disseminate best practices on how NAAs can better **work together** and participate in the oversight of organisations/persons certified by another Member State.





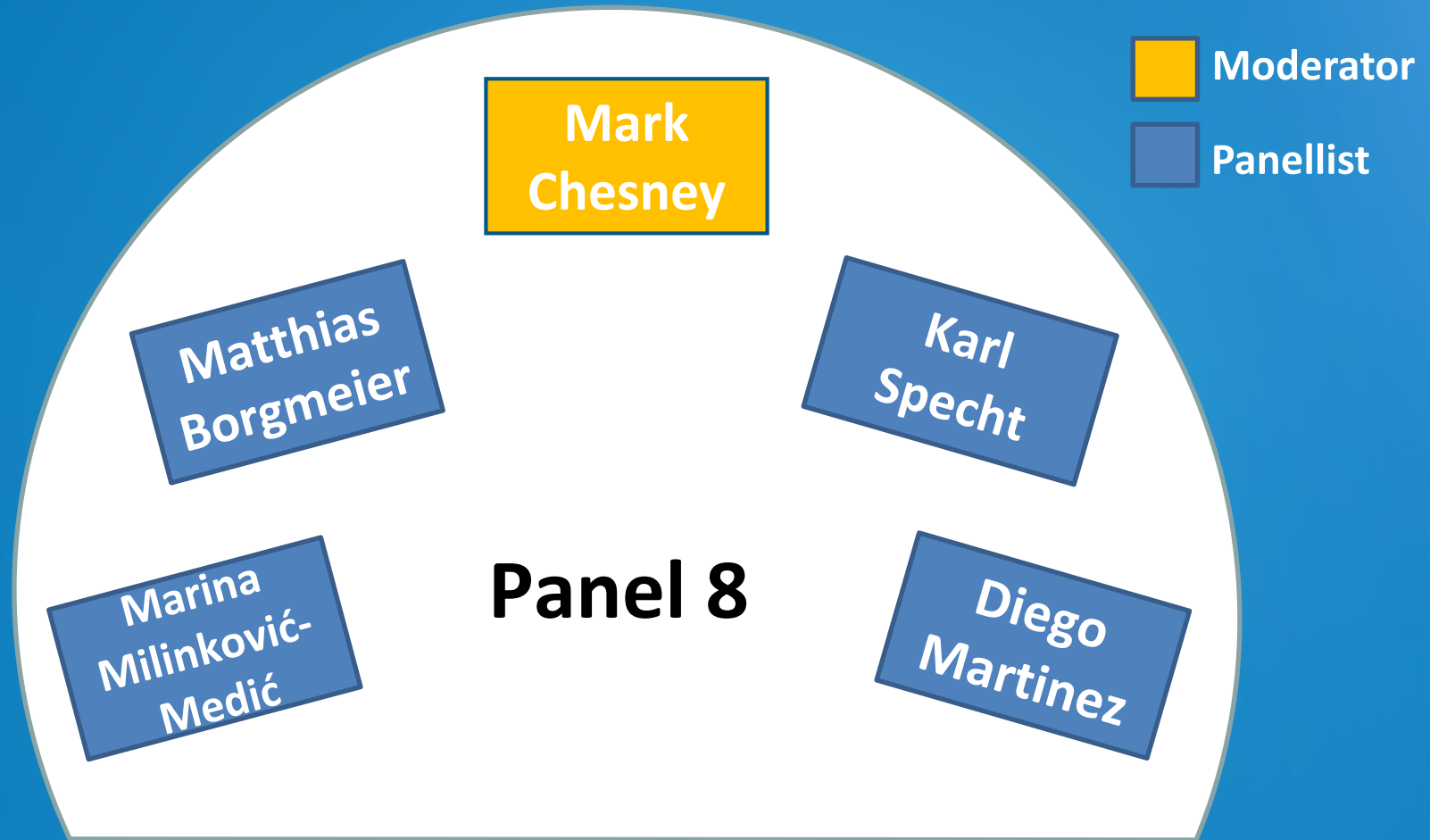
- NAA staff need **suitably qualified staff** to assess the effectiveness of operators' management systems to mitigate new risks stemming from new and emerging business models.





EASA
European Aviation Safety Agency

Cooperative Training for Cooperative Oversight



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Civil Aviation Directorate of the Republic of Serbia

- ❑ CAD exercises its activities in accordance with the Air Transport Law by means of regulating requirements with respect to aircraft, aerodromes, aviation-authorized personnel, air navigation services, public air transport, aerial work, security, search and rescue, audits, inspections and offences on air transport;
- ❑ EU Regulations are not directly applicable in Serbia since Serbia is not EU Member State, however we are adopting EU Regulations in accordance with the provisions of the ECAA Agreement. On the basis the ECAA Agreements CAD of Serbia concluded Working Arrangement with EASA;
- ❑ The work of CAD is subjected to continuous monitoring by ICAO;
- ❑ The work of CAD is subjected to continuous monitoring and standardization activities by EASA;
- ❑ The CAD has been accredited by EASA, in the field of Part 145;
- ❑ The Republic of Serbia has been granted **FAA Category 1** rating in 2014;





COOPERATIVE TRAINING FOR COOPERATIVE OVERSIGHT

CAD ACTIVITIES

- ❑ The CAD is in charge of the certification (licensing) and continuing oversight of 258 registered aircraft, 5 AOC holders, 14 CAMO, 13 AMO 145, 3 MTO, 26 ATO, 963 pilot licenses, 700 AML, 370 ATCO licenses, 1 ANSP, 2 certified international airports and 18 certified airports;

CAD STAFF

- ❑ Certification and continuing oversight activities are carried out by 10 Airworthiness Inspectors, 6 OPS Inspectors, 8 FCL Inspectors, 13 ANS Inspectors, 7 ADR Inspectors;

CAD TRAINING ACTIVITIES :

- ❑ The CAD developed Initial Inspector's Course with the objective to familiarize newly employed technical staff with the tasks and activities involved in certification and oversight activities (in-house),
 - ❑ Specialized training developed i.a.w specific needs of the departments
 - ❑ Recurrent/continuation training developed per post based on individual need per post
 - ❑ OJT defined by the working process holders, based on individual assessment
-
- ❑ CAD concluded several MoUs with neighboring countries with elements of cooperative training;



COOPERATION FUTURE DIRECTION

CHANGE - NEW REGULATORY FRAMEWORK

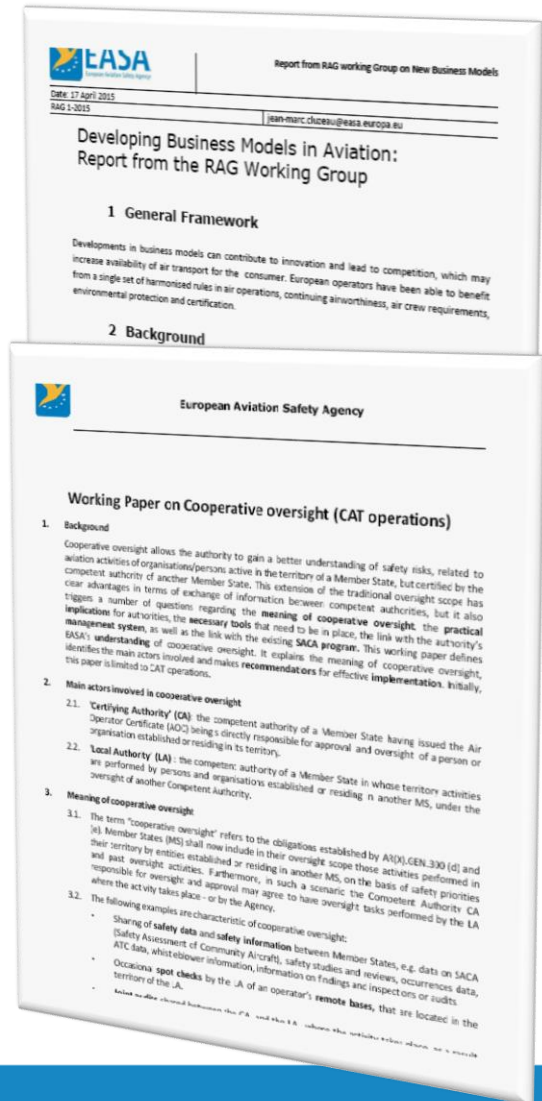
- ❑ The term “cooperative oversight” refers to the obligations under AR(X).GEN.300
- ❑ New business model in OPS, FCL

PERCIEVED BARRIERS:

- ❑ Cooperation under current ECAA framework
- ❑ Concerns regarding liability issues
- ❑ Data protection
- ❑ Different fees and charges schemes across EU to set-up cooperative oversight

TRAINING

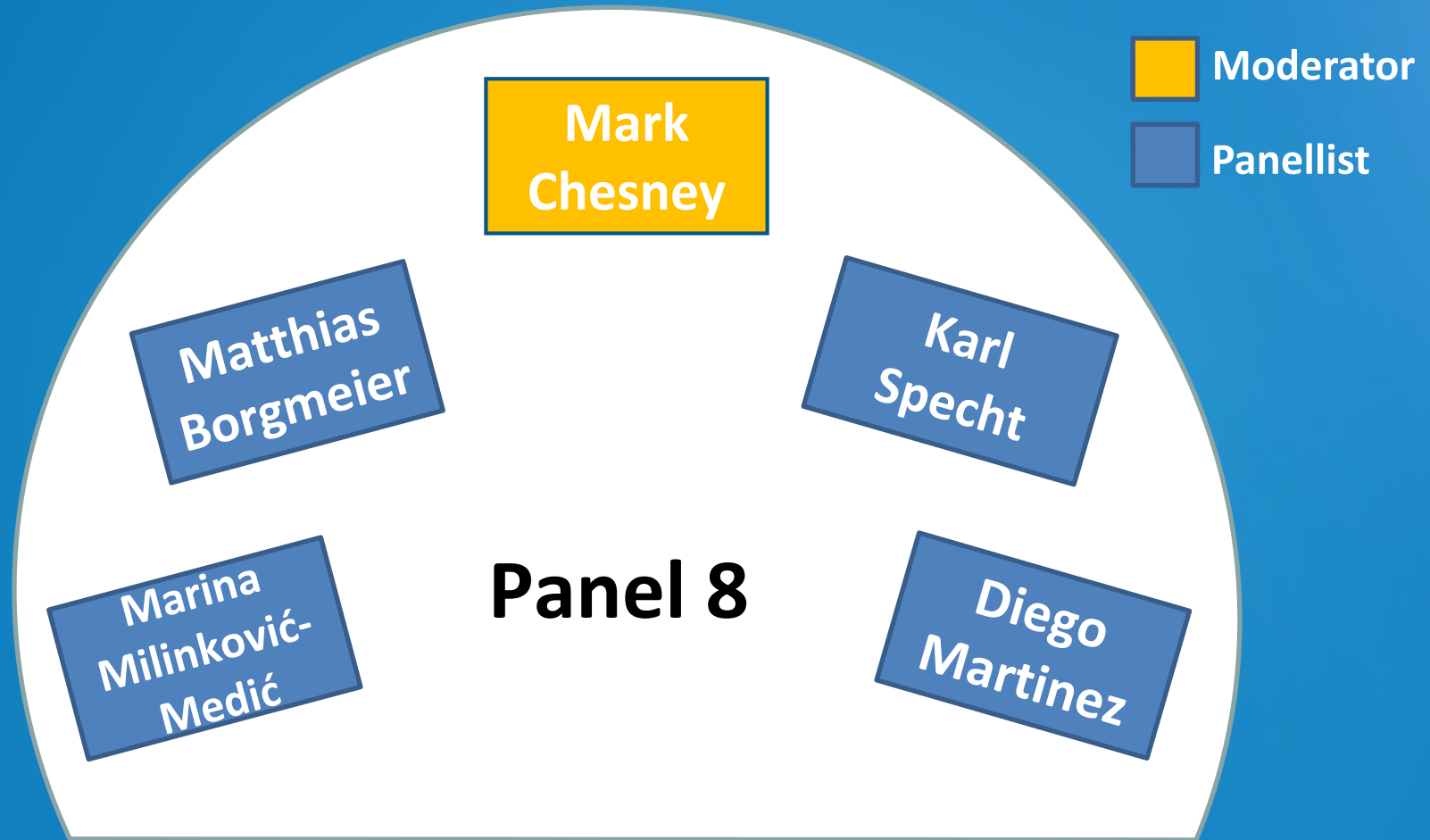
- ❑ New skills needed for NAA personnel to assess management system





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Cooperative Training for Cooperative Oversight



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EASA
European Aviation Safety Agency

Cooperative Oversight

Pool of experts / Accreditation

Karl Specht

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TE.GEN.00409-001



Pool of experts / Accreditation

- EASA is the competent authority for Continuing Airworthiness Organisations (CAO) outside the European Member States
 - The following type of organisations fall under “CAO”:
 - - Maintenance Organisations (Part 145)
 - - Maintenance Training Organisations (Part 147)
 - - Continuing Airworthiness Management Organisations (Part M/G)
- Due to the large number of organisation approvals (350 maintenance approvals alone) combined with limited resources (currently 17 EASA surveyors), EASA is using “accredited NAAs” as a means to manage a great part of the oversight of these approvals.



How does it work

- EASA is outsourcing the oversight of organisation approvals to **accredited** NAAs only
 - NAA meets the criteria of EASA's outsourcing tender
 - NAA has incorporated the relevant EASA oversight procedures into their system
 - NAA surveyors have received training in EASA oversight procedures
- Regular meetings are held at EASA headquarters with all NAA focal points and the EASA team
- Changes to oversight procedures are discussed and agreed well in advance
- Areas of concern are analysed and will result in “special attention audit items”
- Open peer to peer communication



Essential prerequisites

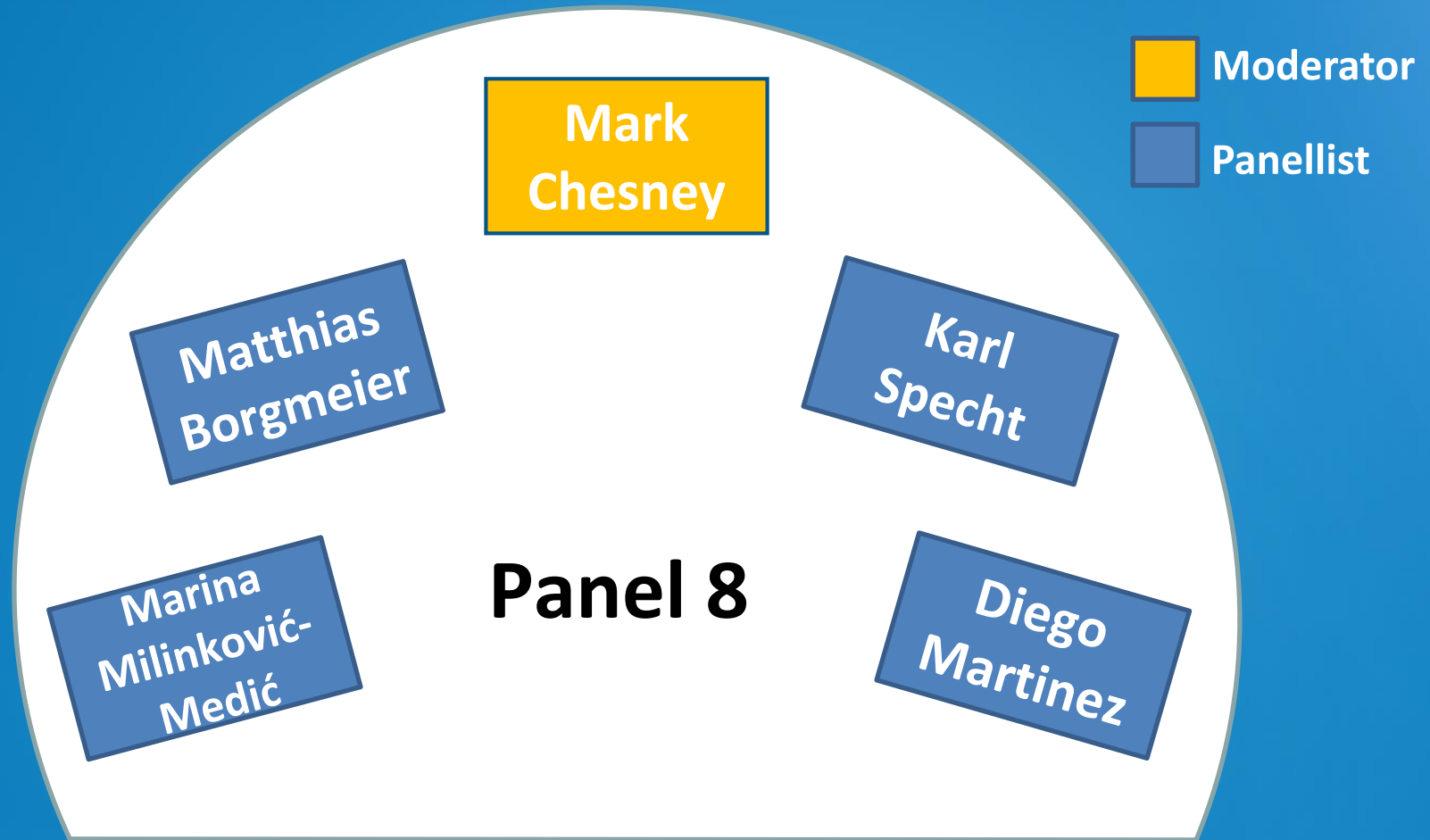
What are the fundamental prerequisites to ensure this efficient cooperation between the competent authorities?

- Common set of oversight procedures
- Common inspector qualification and training requirements
- Common funding scheme
- Well defined communication channels
- Regular meetings
- Regular joint activities, i.e. workshops, audits
- No blame culture



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Cooperative Training for Cooperative Oversight



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European Aviation Safety Agency

EASA Virtual Academy & CTIG Tools for cooperative training

Matthias Borgmeier

Technical Training / International Cooperation Department
Strategy & Safety Management Directorate / EASA



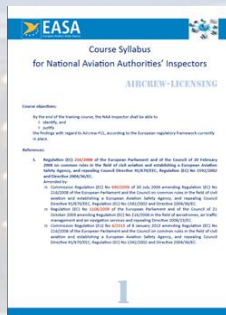
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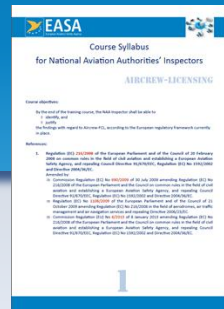
EASA Virtual Academy

To provide regulatory training
to inspectors of MS NAAs to
meet operational needs
Supporting NAAs without an
internal training capacity
Ensure continuous
competence of their staff





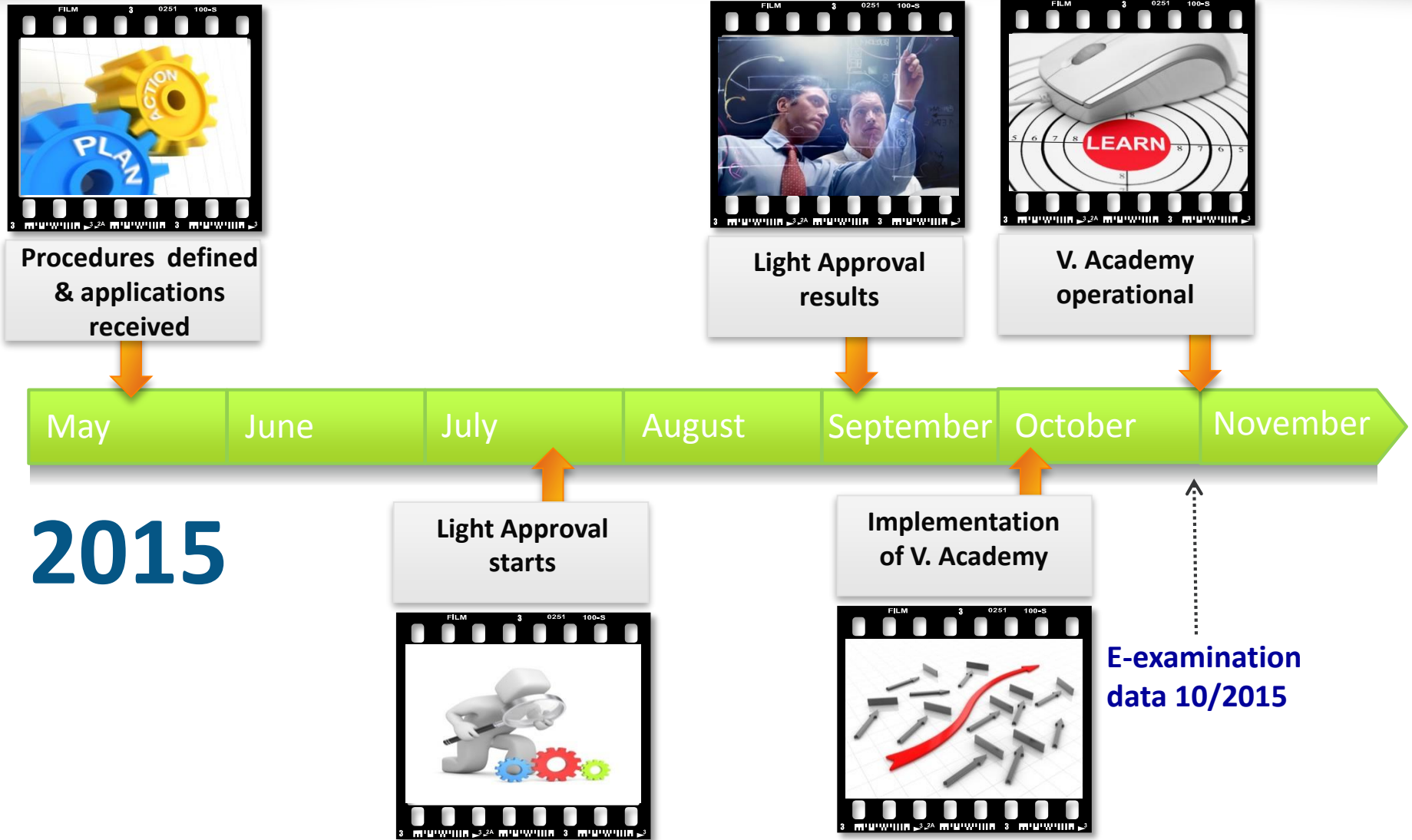
Network structure and rationale



- ➔ Relevant regulatory training for MS NAAs
Inspectors aligned with EASA requirements and interpretations
- ➔ Provide flexible availability for those NAAs without an internal training capacity
- ➔ Enhance far reaching capability through the use of participating organisations' field offices and multilingual course delivery
- ➔ Testing platform: Inspectors are tested using EASA e-examination (MCQs & scenario based exams)




Timelines for the implementation





Open issues – future tasks & activities

- 
- ➔ Future update of the course syllabi planned for early 2016
 - ➔ Further requests on how to deal with organisations from outside EU
 - ➔ Approach towards additional EU training providers to be reviewed
 - ➔ Constant monitoring & feedback evaluation is needed



Common Training Initiative Group - CTIG

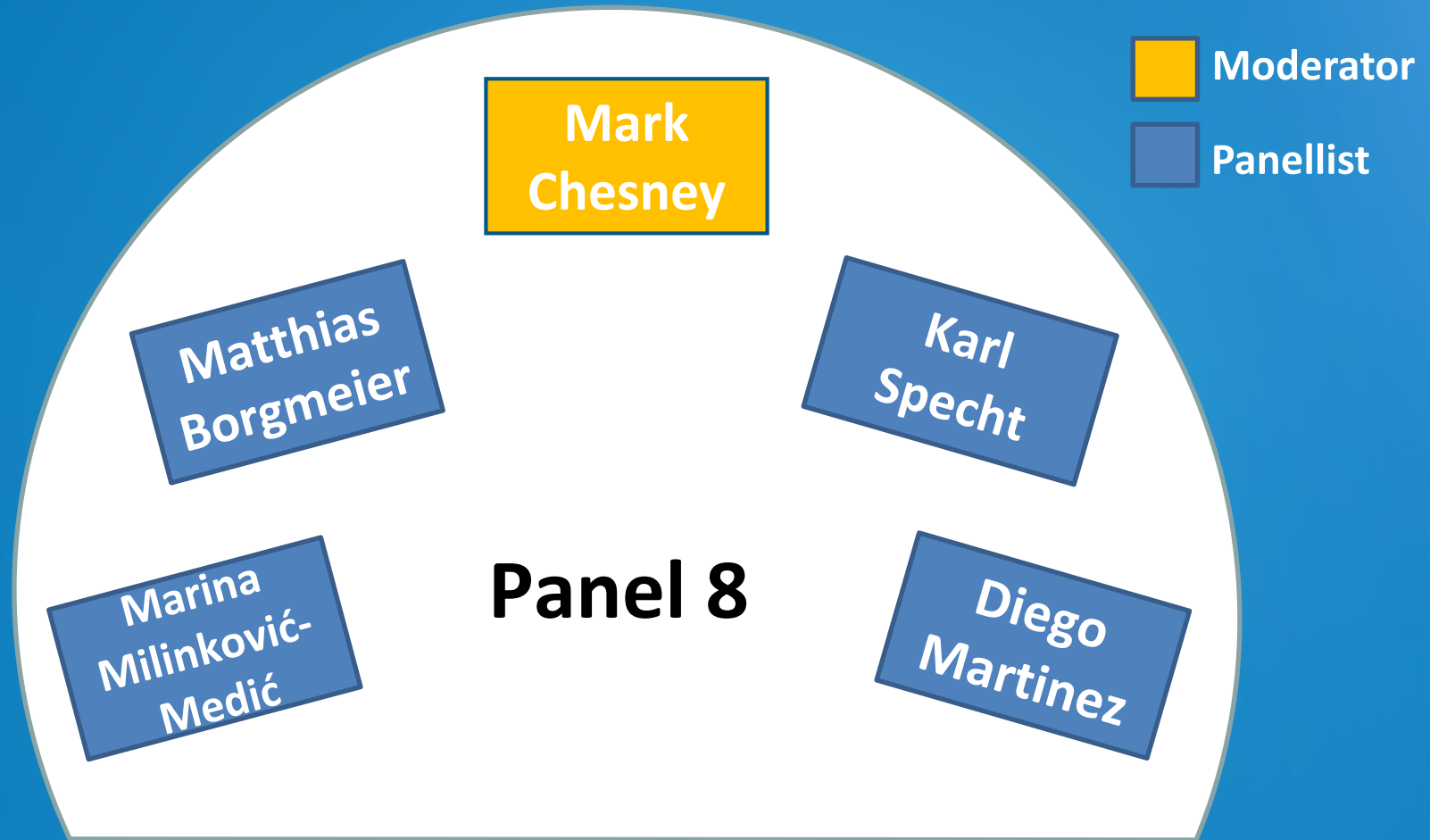


- ➔ Open to EASA and the NAAs of all ECAC countries (& non-EU NAAs / organisations)
- ➔ Main objectives: to share and possibly coordinate training initiatives (mainly on approval and oversight activities)
- ➔ Coordination of efforts (wide scope of activities)
- ➔ Advisory type of activities: “Best practices”



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Cooperative Training for Cooperative Oversight



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EASA Annual Safety Conference 2015 Training in Aviation: Staying Fit for Safety

Panel 8: Cooperative Training for Cooperative Oversight

**Luxembourg
15 October 2015**

Agenda

Cooperative Training for Cooperative Oversight

- ❑ ICAO Global Aviation Training Cooperative Oversight
- ❑ TRAINAIR PLUS Model for Cooperative Training
- ❑ Standardised training methodology
- ❑ Training Portfolio and Virtual Library
- ❑ Training Cooperation Framework

ICAO Global Aviation Training

ICAO Assembly Resolution 38/12

Assist Member States in achieving and maintaining competency of aviation personnel through the ICAO Aviation Training Programme

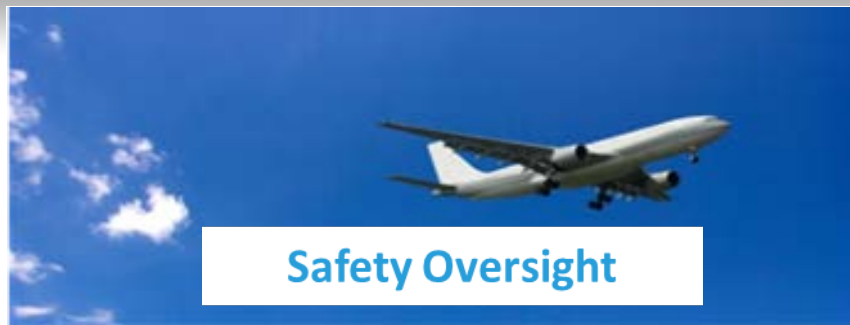
Strategic Planning

- ❑ A coordinated, effective and **efficient** system **supporting the Human Resources Development Strategies** developed by Member States.
- ❑ Assistance, and **partnership with the States and the aviation community.**



- ❑ Provides a methodology to build competency-based training material
- ❑ Facilitates International access of ICAO Standardized Training Packages
- ❑ Supports training centres to build their training capacities.
- ❑ Develops and delivers ICAO courses.
- ❑ Reduces training costs.





ICAO Cooperative Training Network

- ❑ All training with an ICAO certificate
- ❑ Training and ICAO qualification of instructors, developers and managers
- ❑ STPs and ICAO courses delivery.
- ❑ Validation of course development process.
- ❑ Human resources and training Technical Support.

83 MEMBERS OF THE TRAINAIR PLUS™
ICAO'S COOPERATIVE NETWORK OF TRAINING PROVIDERS

LEGEND:

- 15 Regional Training Centres
- 27 Full Members
- 24 Associate Members
- 4 Corporate Members
- ★ New Status

NORTH AMERICA & THE CARIBBEAN (15)

- BARBADOS: The Barbados Civil Aviation Training Centre
- CANADA: The ADI Institute, A Division of Aviation Strategies International
- CUBA: Centro de Adiestramiento de la Aviación (CAA)
- DOMINICAN REPUBLIC: Academia Superior de Aeronáutica (ASA)
- EL SALVADOR: Instituto Centroamericano de Capacitación Aero (ICCAC) de CODESA
- JAMAICA: Civil Aviation Authority Institute (CAATI)
- MEXICO: Centro Internacional de Instrucción de Aeronavegación y Servicios Auxiliares (CIIASA) Roberto Robles (García)
- TRINIDAD AND TOBAGO: Trinidad and Tobago Civil Aviation Authority Civil Aviation Training
- UNITED STATES OF AMERICA: Federal Aviation Administration (FAA) Academy
- VENEZUELA: The Washington Center (WCS), Inc. The Technical Training Center

SOUTH AMERICA (9)

- ARGENTINA: Centro de Instrucción, Perfeccionamiento y Experimentación (CIPE)
- BOLIVIA: Instituto Nacional de Aviación Civil (INAC)
- BRAZIL: Centro de Treinamento Agência Nacional de Aviação Civil (ANAC) Instituto de Controle do Espaço Aéreo (ICEA)
- COLOMBIA: Corporación Educativa Indoamericana (CEI)
- ECUADOR: Escuela Técnica de Aviación Civil (ETAC)
- PARAGUAY: Instituto Nacional de Aeronáutica Civil (INAC)
- PERU: Centro de Instrucción de Aviación Civil (CIAC) de CORPAC
- VENEZUELA: Instituto Universitario de Aeronáutica Civil (IUAC)

EUROPE (17)

- BELGIUM: Wallonie Aerotraining Network (WAN)
- FRANCE: CAMAS International Centre Français de Formation des Pompiers d'Aéroport (CFPFA) Ecole Nationale de l'Aviation Civile (ENAC)
- GERMANY: Aviation Academy International (AAI) Star Wings Aviation Training Centre GmbH
- IRELAND: Dublin International Aviation Training Academy (DIATA)
- ITALY: ENAV Academy
- LUXEMBOURG: EUROCONTROL Institute of Air Navigation Services
- ROMANIA: Romanian Aviation Academy (RAA)
- RUSSIAN FEDERATION: Institute of Air Navigation (IAN)
- SPAIN: Servicios y Estudios para la Navegación Aérea y la Seguridad Aeronáutica (SENASA)
- SWEDEN: Entry Point North AB Nordic ATS Academy
- THE NETHERLANDS: Joint Aviation Authorities Training Organisation (JAATO)
- TURKEY: TAV Academy Training Center ★ Turkish Aviation Academy
- UNITED KINGDOM: NATS Training
- AFRICA (12)
- CAMEROON: Ecole Régionale de Sécurité Incendie (ERSI)
- ETHIOPIA: Ethiopian Aviation Academy (EAA)
- ETHIOPIA: Ethiopian Civil Aviation Training Centre (ECATC)
- KENYA: East African School of Aviation (EASA) ★
- MOROCCO: Académie Internationale de l'Aviation (AIA)

ASIA & PACIFIC (14)

- CHINA: China Civil Aviation Institute (CCAI) China Training Center for Pilotage (CTCP)
- INDONESIA: Indonesia Civil Aviation Institute (ICAI) Indonesia Training Center for Pilotage (ITCP)
- JAPAN: Japan Civil Aviation Institute (JCAI) Japan Training Center for Pilotage (JTCP)
- KOREA: Korea Civil Aviation Institute (KCAI) Korea Training Center for Pilotage (KTCP)
- NEW ZEALAND: New Zealand Civil Aviation Training Centre (NZCATC)
- PHILIPPINES: Philippine Civil Aviation Institute (PCAI) Philippine Training Center for Pilotage (PTCP)
- SINGAPORE: Singapore Civil Aviation Institute (SCAI) Singapore Training Center for Pilotage (STCP)
- THAILAND: Thailand Civil Aviation Institute (TCAI) Thailand Training Center for Pilotage (TTCP)
- VIETNAM: Vietnam Civil Aviation Institute (VCAI) Vietnam Training Center for Pilotage (VTCP)

TRAINAIR PLUS™

- Bombardier Aviation Training Centre
- Concordia University
- Molson School of Business

*As of 14 September 2015

ICAO TRAINAIR PLUS Cooperative network

BELGIUM

Wallonie Aerotraining Network (WAN)

FRANCE

CAMAS International

Centre Français de Formation

des Pompiers d'Aéroport (C2FPA)

Ecole Nationale de l'Aviation Civile (ENAC)

GERMANY

Aviation Academy International (AAI)

Star Wings Aviation Training Centre GmbH

IRELAND

Dublin International Aviation Training Academy
(DIATA)

ITALY

ENAV Academy

LUXEMBOURG

EUROCONTROL Institute of Air Navigation Services

ROMANIA

Romanian Aviation Academy (RAA)

RUSSIAN FEDERATION

Institute of Air Navigation (IAN)

SPAIN

Servicios y Estudios para la Navegación Aérea
y la Seguridad Aeronáutica (SENASA)

SWEDEN

Entry Point North AB Nordic ATS Academy

THE NETHERLANDS

Joint Aviation Authorities Training Organisation
(JAA TO)

TURKEY

TAV Academy Training Center «Turkish
Aviation Academy

UK

NATS

ICAO TRAINAIR PLUS Cooperative network

BELGIUM

Wallonie Aerotraining

FRANCECAMAS International
Centre Français de Formation
des Pompiers d'Aéronautique
Ecole Nationale de l'Aviation**GERMANY**Aviation Academy International
Star Wings Aviation Training**IRELAND**Dublin International Aviation Academy
(DIATA)**ITALY**

ENAV Academy

LUXEMBOURG

EUROCONTROL Institute of Air Navigation Services

Regional Centres of Excellence

ENAC France

DIATA Ireland

JAATO The Netherlands



y (RAA)

AN)

a Navegación Aérea
(SENASA)

c ATS Academy

aining Organisation

ter «Turkish

ICAO

- **Leading ICAO Full Members in each ICAO Region**
- **Develop and deliver courses in one or more of the following authorized areas:**

- ➔ 1. Aerodromes (Annex 14)
- ➔ 2. Air Navigation Services
(Annexes 2, 3, 4, 5, 10, 11, 12 and 15)
- ➔ 3. Air Transport
- ➔ 4. Environment (Annex 16)
- ➔ 5. Flight Safety and Safety Management
(Annexes 1, 6, 7, 8, 13, 18 and 19)
- ➔ 6. Security and Facilitation (Annexes 9 and 17)

work

BELGIUM

Wallonie Aé

FRANCE

CAMAS Inter

Centre Fran

des Pompi

Ecole Natio

GERMANY

Aviation Acc

Star Wings

IRELAND

Dublin Inter

(DIATA)

ITALY

ENAV Acad

LUXEMBOURG

EUROCONTROL Institute of Air Navigation Services

RAA)






)

navegación Aérea
ENASA)

TS Academy

ing Organisation

«Turkish

Membership Type	Benefits
Associate Members 	<ul style="list-style-type: none"> • ICAO recognition • Access & deliver STPs • Deliver TPP & ICAO courses
Full Members 	<ul style="list-style-type: none"> • All above • Develop STPs and generate revenues from STP sales
Regional Training Centres of Excellence 	<ul style="list-style-type: none"> • All above • Develop and deliver ICAO courses
Corporate Members 	<ul style="list-style-type: none"> • Network and business opportunities w/ Members • Develop Partnership Courses (PTPs)
Affiliate Members 	<ul style="list-style-type: none"> • Obtain TNA • Hosting Courses in the Catalogue

Standardization

Training Centres



Assessments

Course Materials

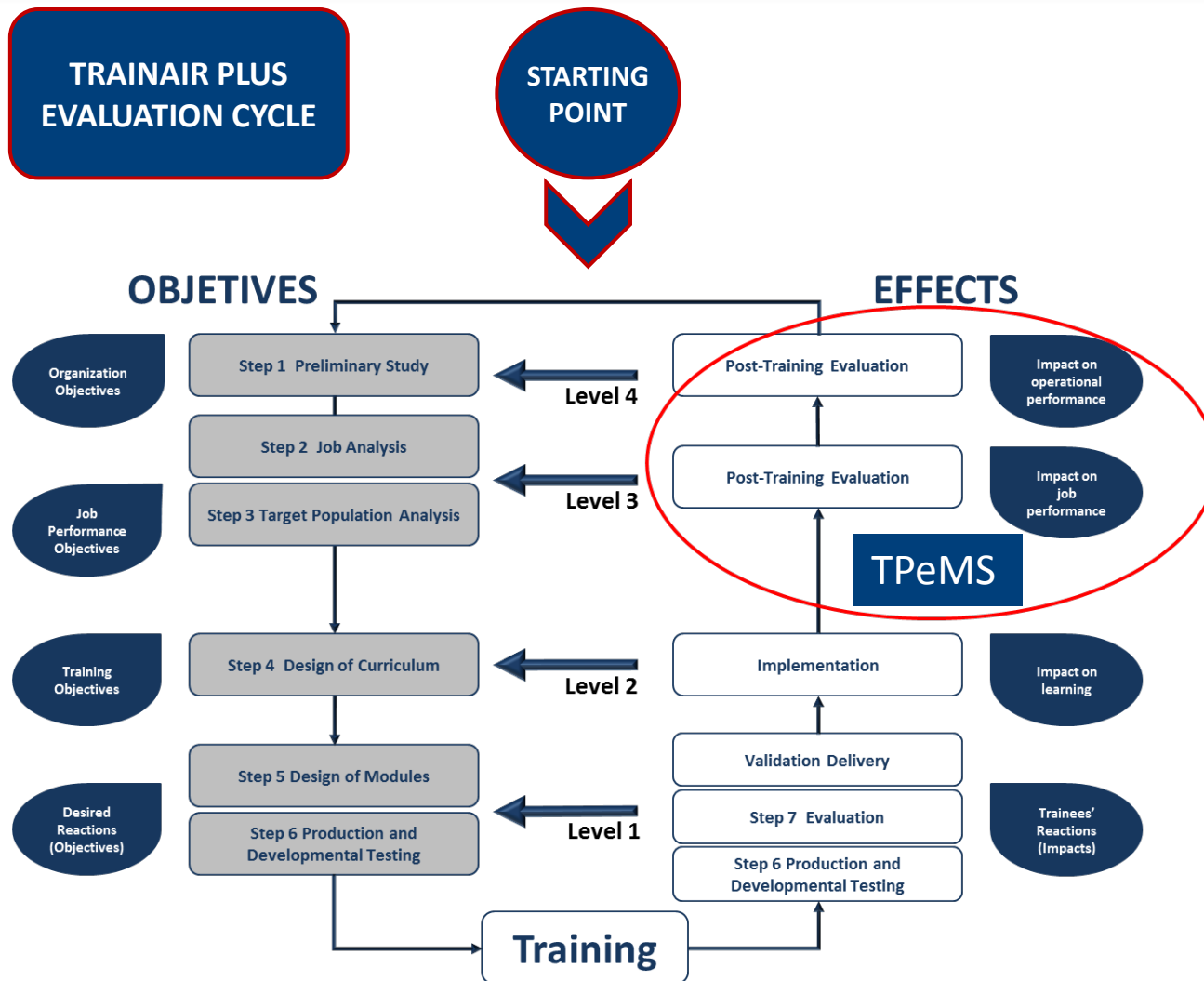


Operational Staff



ICAO Competencies
Framework for Instructors
Instructional System Designers
Training Managers

Post Training Evaluation. Training Effectiveness and return on Investment



Affiliate Members Network

- Aviation operators with training and human resources development needs



ICAO

TRAINAIR
PLUS

AFFILIATE



The graphic features the ICAO logo and the text 'GLOBAL AVIATION TRAINING TRAINAIR PLUS™' at the top. Below this, the main title 'TRAINAIR PLUS AFFILIATE MEMBERSHIP' is displayed in large, bold, white letters. Underneath the title, the phrase 'HIGHER ALTITUDE PERFORMANCE' is written in a smaller font. On the right side, a blue box contains a list of three bullet points: 'Conduct of a Training Needs Analysis', 'Access to ICAO-recognized training packages', and 'Provision of ICAO-specialized consultancy services'. The background of the graphic shows a blurred image of people in a training environment.

ICAO GLOBAL AVIATION TRAINING
TRAINAIR PLUS™

TRAINAIR PLUS AFFILIATE MEMBERSHIP

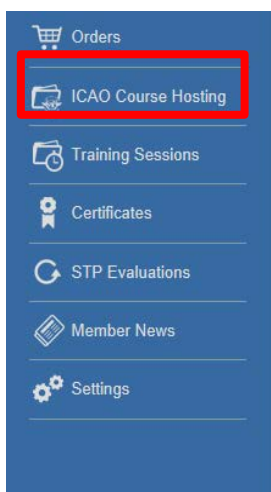
HIGHER ALTITUDE
PERFORMANCE





- Conduct of a Training Needs Analysis
- Access to ICAO-recognized training packages
- Provision of ICAO-specialized consultancy services

STPs Virtual Library

- ✓ Members access high-quality courses at an affordable cost
- ✓ Courses can be delivered by Members' instructors, reducing costs
- ✓ Members can market these STPs internationally

- ✓ TPP operates an online library
- ✓ Courses can be purchased online
- ✓ All training materials can be downloaded online




	271/001/CARGO	United Arab Emirates Governmental
	Aerodrome Inspection 159/002/AGA/AIR INSP	Incheon Airport Aviation Academy (IAAA) Republic of Korea Governmental
	Aeronautical Search and Rescue Operations 057/003/SAR/OPS	Singapore Aviation Academy Singapore Governmental
	Curso Especialista en Cartografía Aeronáutica/AIS 022/004/AIS MAP BAS	Academia Superior de Ciencias Aeronáuticas (ASCA) Dominican Republic Governmental



- ✓ Members can access affordable courses
- ✓ Courses can be hosted by member state instructors
- ✓ Members can benefit from a wide range of courses


Online library
based online
can be

**TRAINAIR PLUS**

Serge Elgaly (Demo) [Profile](#) | [Help](#) | [Feedback](#) | [Log Out](#)


TRAINAIR PLUS STP Library [View STP Cost Matrix](#) [Back Home](#)

[Member STP's For Sale](#) [STP's Under Development](#) [ICAO STP's](#)




Leadership in Energy and Environmental Design and Operation of Airport Infrastructures
041/047/ENV/OPS AGA
Issuing Institution: GMR Aviation Academy, Hyderabad, India
Duration: 1 week Max Participants: 15
To provide Airport planning, engineering, operation and environment teams with the necessary knowledge, skills and attitudes required to effectively implement and manage Airport LEEDOAI in accordance with LEED standards and guidelines.

[READ MORE](#) [ORDER STP](#)




Advanced Test and Measuring Techniques for ATSEP
163/045/COM MTC ATSEP
Issuing Institution: Civil Aviation Training Centre of Sri Lanka, Colombo, Sri Lanka
Duration: 2 weeks Max Participants: 10
To provide the participants with the necessary knowledge, skills and attitudes in using advanced test and measuring equipment at maintenance facilities and in the field.

[READ MORE](#) [ORDER STP](#)



Airside Driving
109/036/AGA/OPS DRI
Issuing Institution: Gulf Centre for Aviation Studies (GCAS), Abu Dhabi, United Arab Emirates
Duration: 1 week Max Participants: 15
This course will provide vehicle operators with the necessary knowledge and skills required to safely drive on the airside in accordance with airside driving regulations.

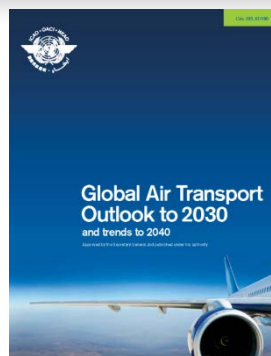
[READ MORE](#) [ORDER STP](#)

 022/004/AIS MAP BAS	Dominican Republic Governmental
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- Orders
- ICAO Course Hosting**
- Training Sessions
- Certificates
- STP Evaluations
- Member News
- Settings

Subject areas of ICAO courses





ICAO Training Portfolio Coming soon:

- ☐ Government Safety Inspector-OJT (FAA,USA)
- ☐ Personnel Licency (SAA Singapore)
- ☐ USOAP-On line (PEL-ORG update)
- ☐ Safety Management Training Programme (SMTP)
- ☐ Master Programme in Safety Management (ENAC, France)
- ☐ Safety Management System Practitioner (Senasa, Spain)
- ☐ Executive Certificate in Civil Aviation Management (Concordia, Canada)
- ☐ Safety Oversight
- ☐ Remotely Piloted Aircraft System (RPAS)
- ☐ Aerodrome Compatibility (GCAS,UAE)
- ☐ Aviation System Block Upgrade-ASBUS

Training Policy supporting
ICAO Programmes and
SARPS





ICAO

ICAO HARMONIZED COURSES: Powering Global Aviation Training



www.icao.int/training

ICAO Harmonized Training Packages



Membership/Courses Matrix

COURSES	MEMBERSHIP	ASSOCIATE Member	FULL Member	Regional Training Centre of Excellence	CORPORATE Member	AFFILIATE Member
ITP ICAO Training Package	Development	X	X	✓	X	X
	Delivery	✓	✓	✓	X	X
	Hosting	✓	✓	✓	✓	✓
STP Standardized Training Package	Development	✓	✓	✓	X	X
	Delivery	✓	✓	✓	X	X
	Hosting	✓	✓	✓	✓	✓
CTP Compliant Training Package	Development	✓	✓	✓	✓	X
	Delivery	✓	✓	✓	✓	X
	Hosting	✓	✓	✓	✓	✓
PTP Partnership Training Package	Development	X	X	✓	✓	X
	Delivery	X	X	✓	✓	X
	Hosting	✓	✓	✓	✓	✓

Membership/Courses Matrix

42 models for Training Cooperation Framework Agreement

Commitment to the implementation
Identification of highest priorities

Air Navigation, safety and security planning
State and regional needs

Cost recovery and financial sharing mechanism
Review and evaluation

COURSES	ME
ITP ICAO Training Package	D
STP Standardized Training Package	D
CTP Compliant Training Package	D
PTP Partnership Training Package	D

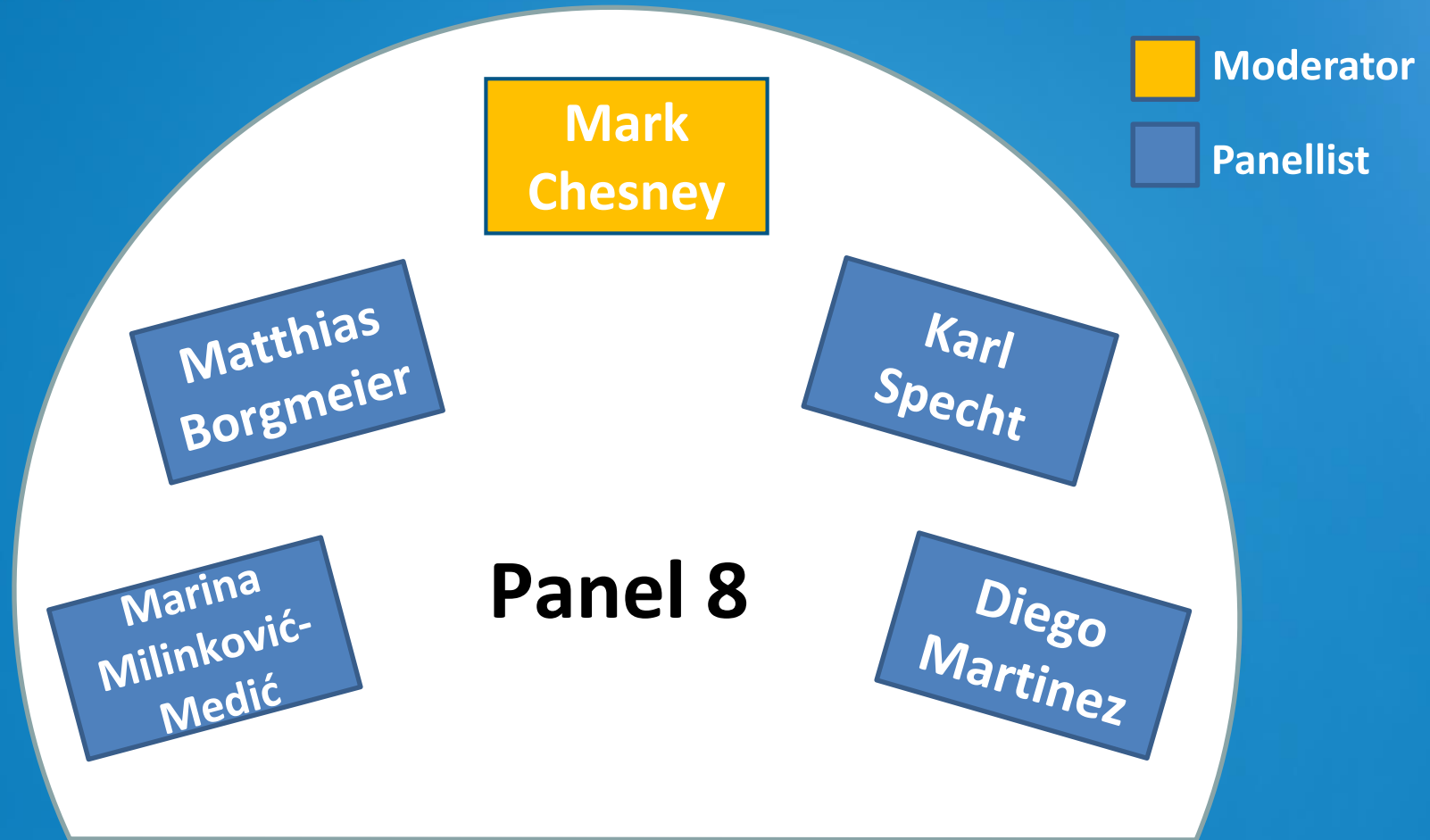
AFFILIATE Member
X
X
✓
X
X
✓
X
X
✓
X
X
✓





EASA
European Aviation Safety Agency

Cooperative Training for Cooperative Oversight

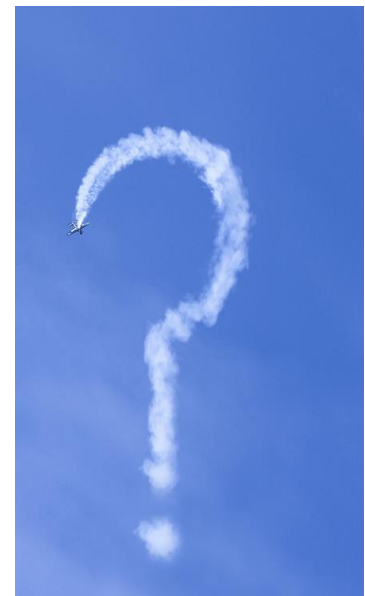


Your safety is our mission.



Summary

- Changing World
- Developing Industry Business Models
- Need for new Regulatory Business Models
- Need for suitably qualified and experienced staff
- EASA and ICAO working to make this a reality





Questions



14 October 1915
Captain George Cockburn
the first UK
Investigator of Accidents





Voting Q1

- What is the main barrier to National Aviation Authority's working successfully in cooperation across National boundaries.
 - A. Differing Regulatory Funding Models
 - B. Differing Social Laws
 - C. Differing NAA Capability
 - D. All the above are issues.



Voting Q2

- Do you believe that the type of employment model (such as zero hour contracts) has a potential impact on safety culture?
- A. No.
- B. Yes.



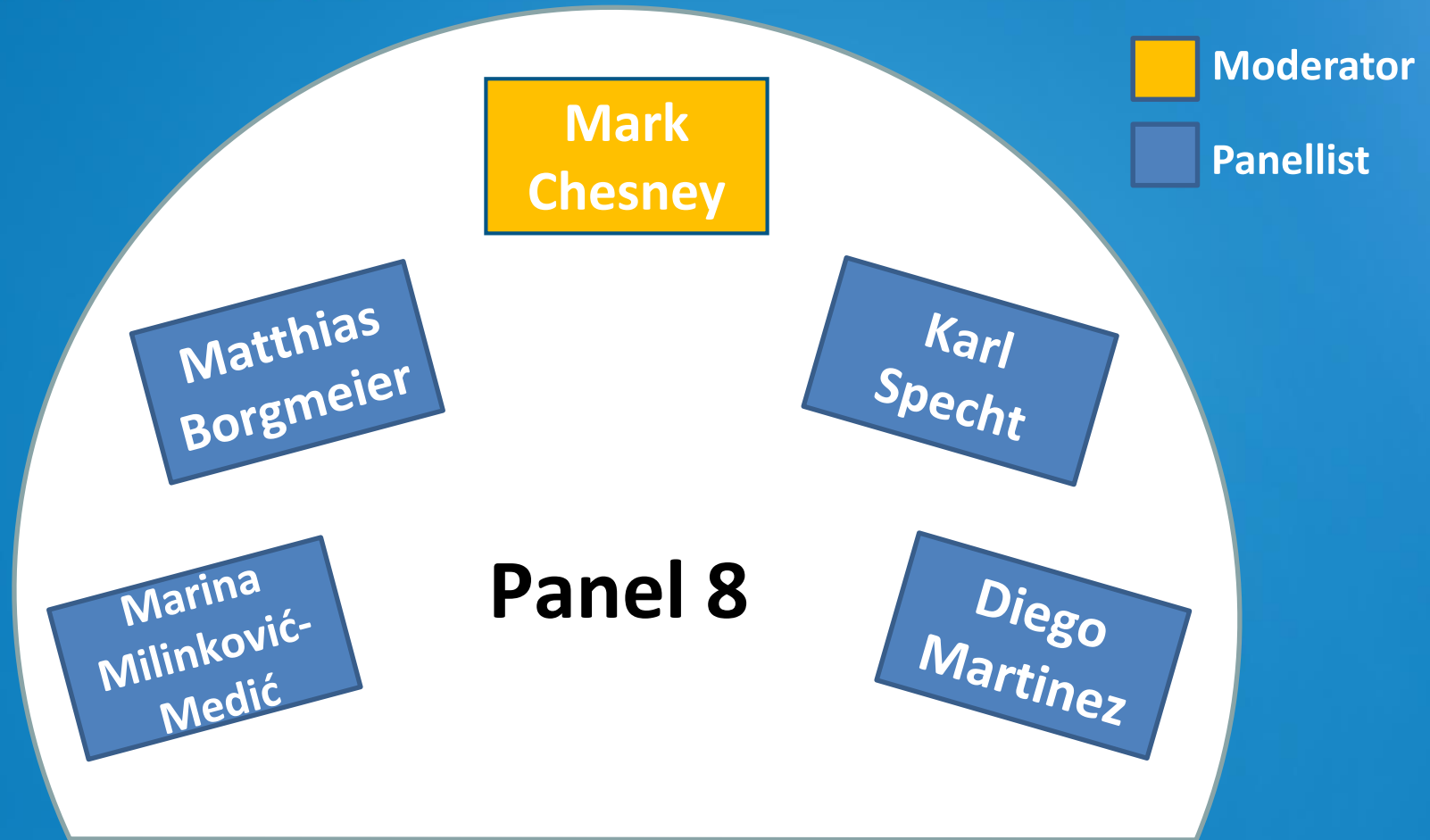
Voting Q3

- Do you believe that the differing National cultures between the Member States has an impact on the total safety system?
- A. No.
- B. Yes.



EASA
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Cooperative Training for Cooperative Oversight



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