



**EASA**  
European Aviation Safety Agency

# Certification Directorate strategic objectives

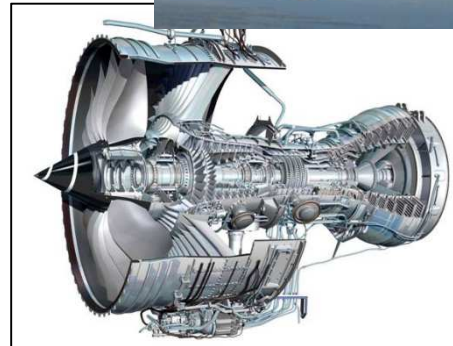
Trevor Woods  
EASA Certification Director  
22-23 November 2016

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**Your safety is our mission.**

An agency of the European Union 

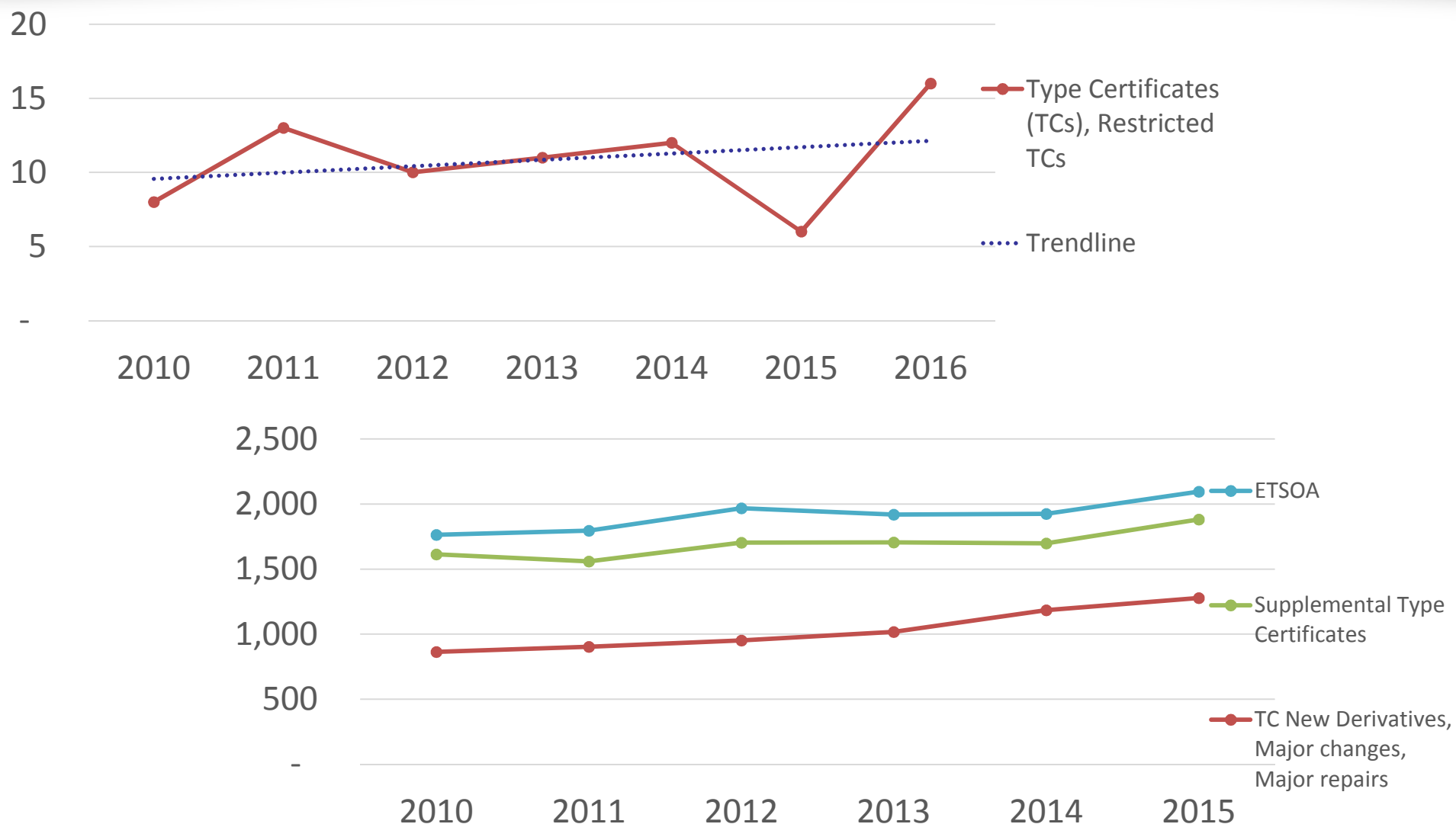


# Examples of products certified by EASA





# “Day-to-day business” – EASA approvals issued

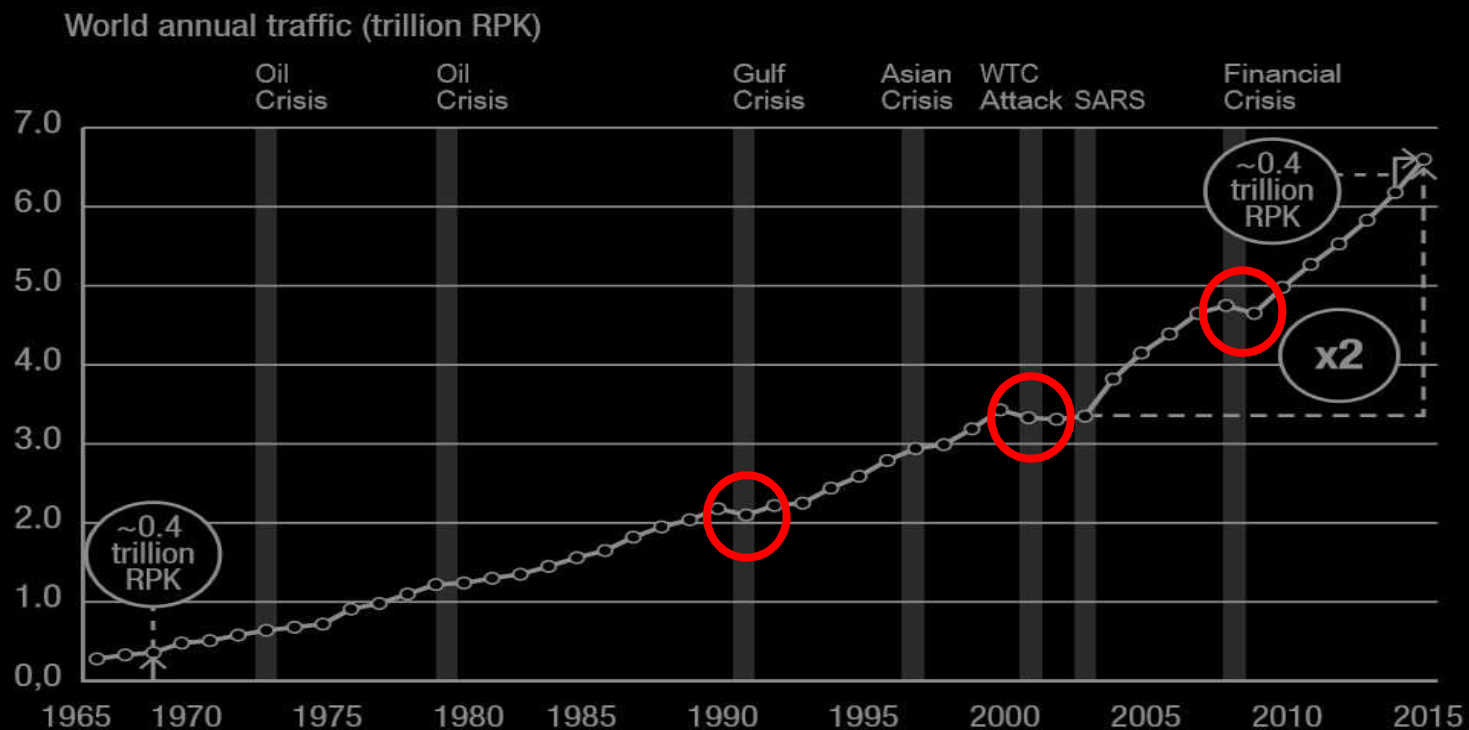




# Expected growth in air travel

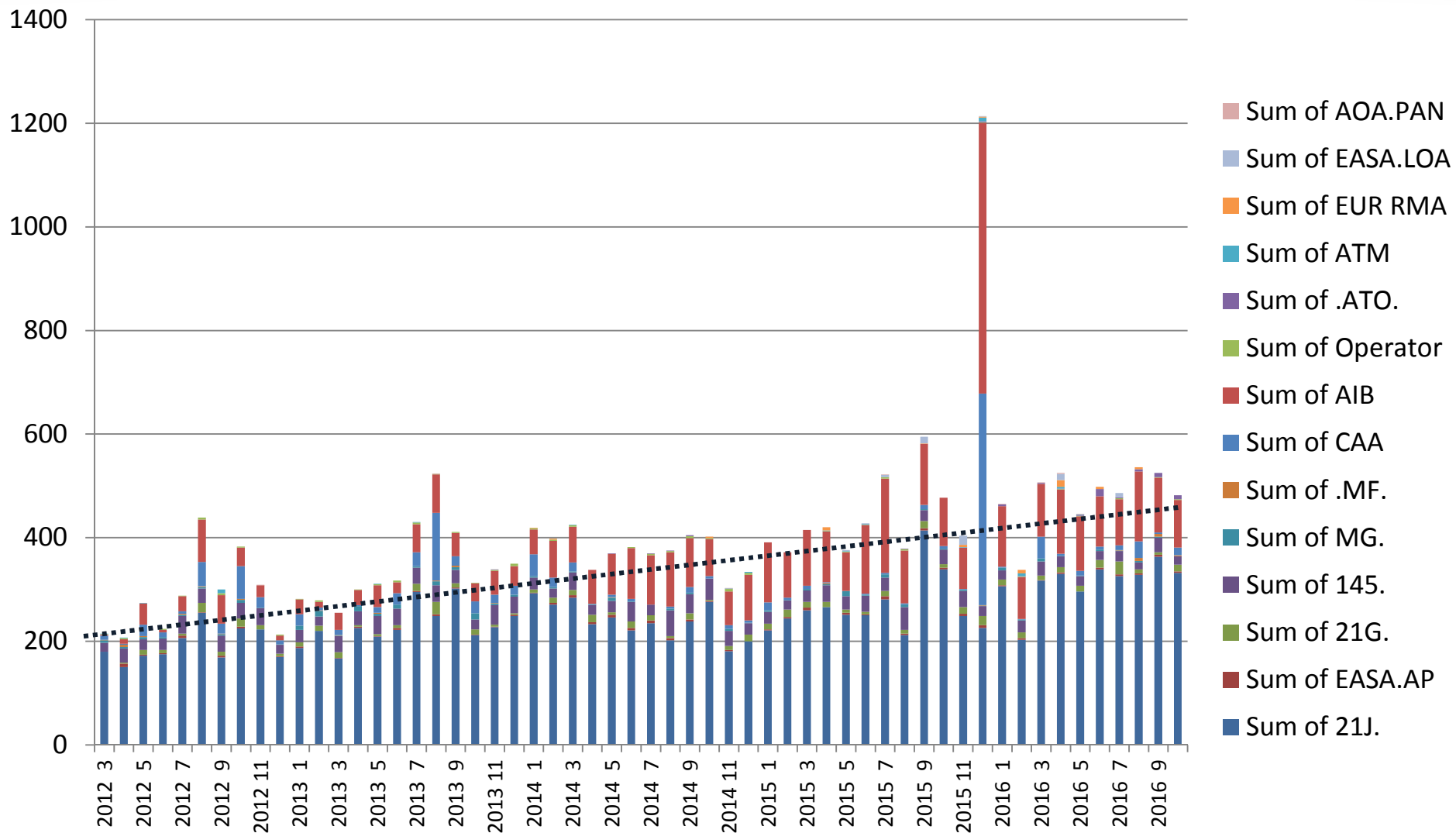
## AIR TRAVEL HAS PROVED TO BE RESILIENT TO EXTERNAL SHOCKS

Source: ICAO, Airbus GMF 2016  
RPK = Revenue Passenger Kilometer





# Occurrence reports per month since 2012



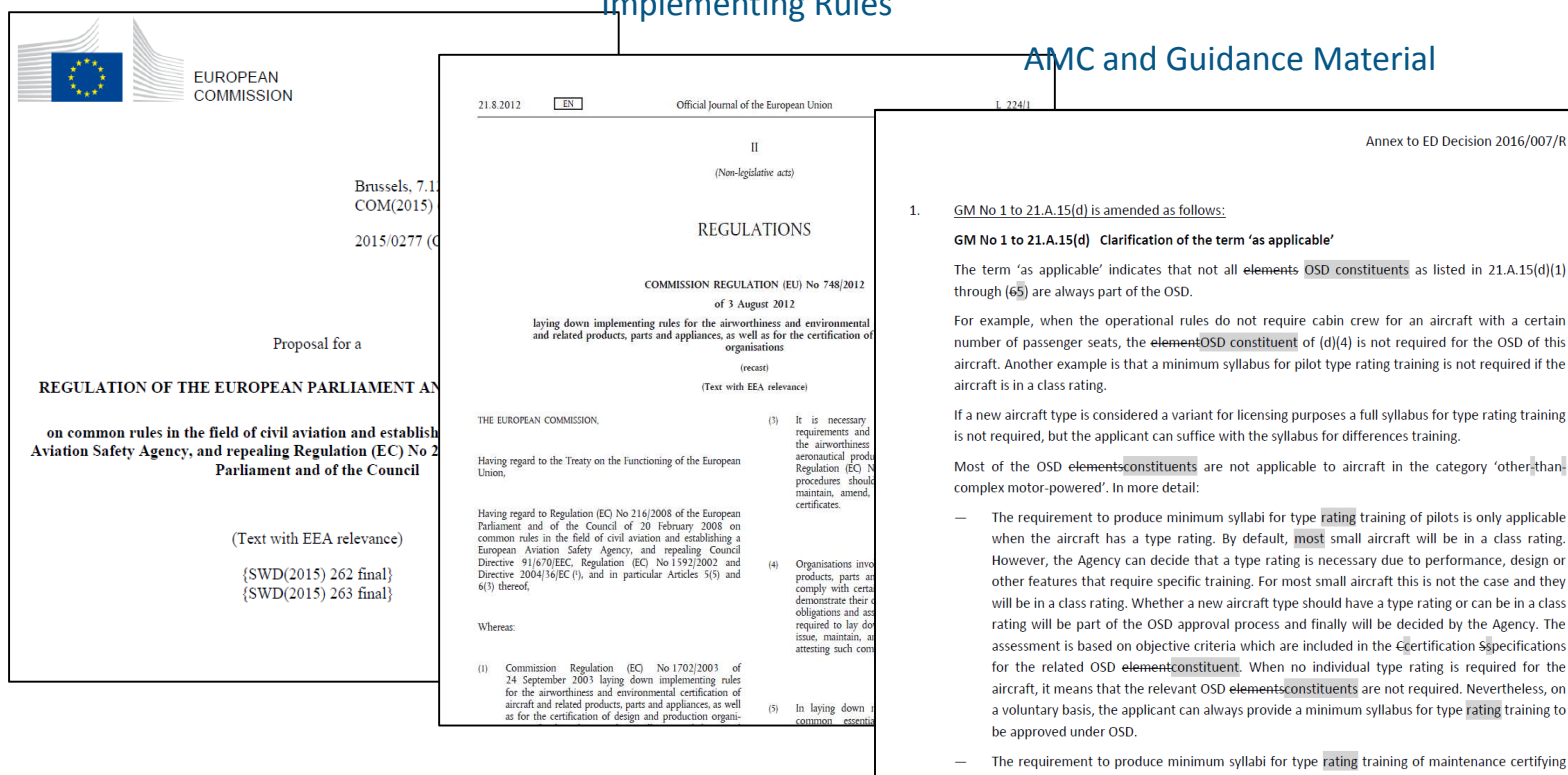


# Rulemaking

## Revision of EASA Basic Regulation

## Implementing Rules

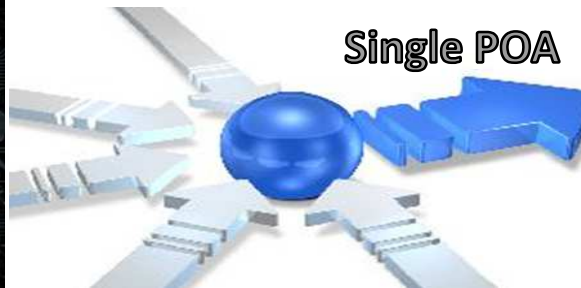
## AMC and Guidance Material

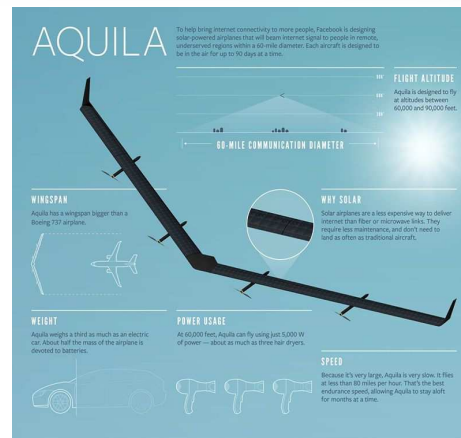






# Basic Regulation Update









# Partnership





# International dimension today





# Regulatory Style – COB Validation Implementation Roadmap

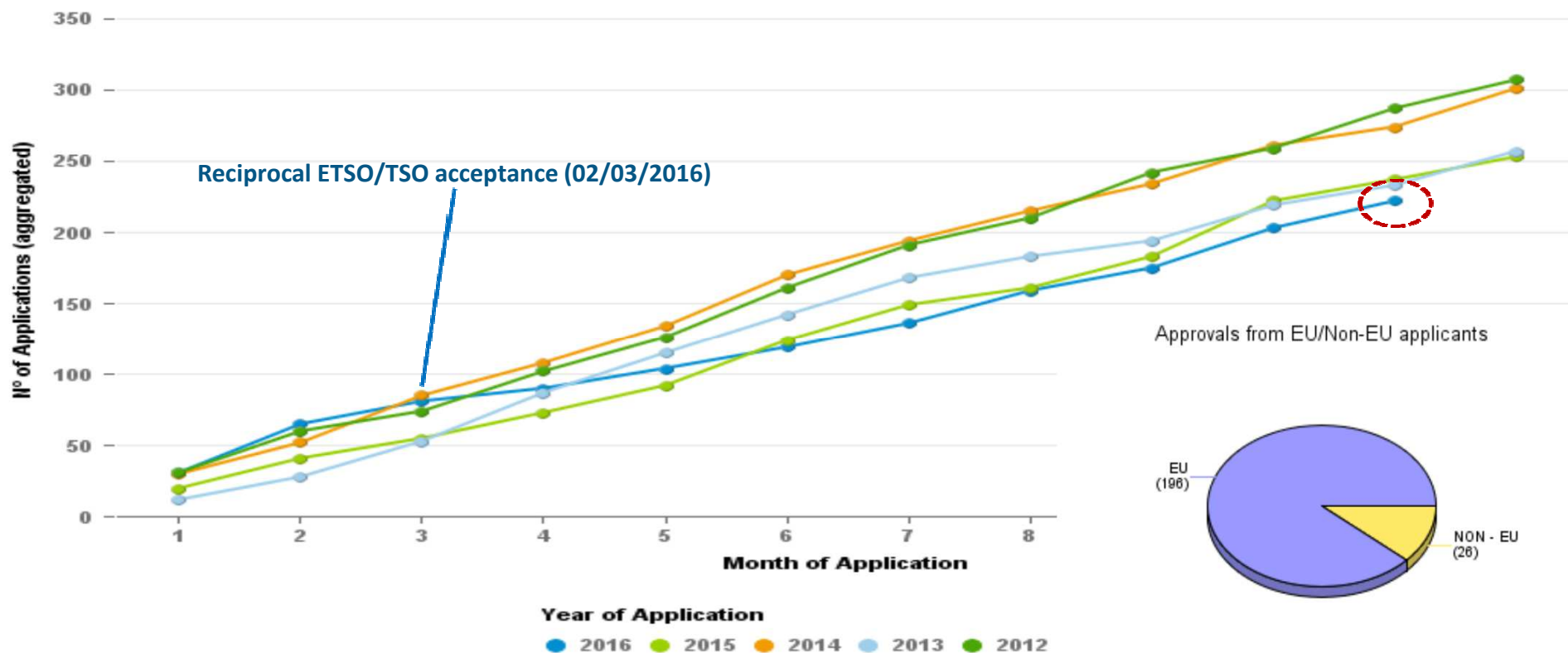
	Reciprocal Acceptance -	Streamlined validation	Validation – Work Plan
Type Certificates			
Part 23			Current Status
Part 25			
Part 27			
Part 29			
Part 33			
Part 35			
Articles (Parts and Appliances)			
Parts Manufacturers Approval (non-critical)			
Technical Standard Order Authorization			
Design Changes			
Basic STCs (All Products)			Current Status
Non-Basic STCs (All Products)			
Level 1 Major			
Level 2 Major			
Minor Change			
Articles			
Parts Manufacturers Approval			
Technical Standard Order Authorization			
Repairs			
Major repair			
Minor repair			
Alterations (Only applies to FAA)			

Reduce VA Involvement

Reduce VA Involvement



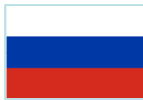
# Status of ETSO applications 2016



Slight decrease in number of applications in 2016 after introduction of reciprocal TSO/ETSO acceptance process.  
However:  
Up to 21<sup>st</sup> November we received **196** applications from EU-companies compared to **149** applications for the full year 2015.



# International dimension tomorrow







- Senior/Chief Experts
  - Reinforce Technical Excellence
- Senior/Principle PCMs
  - Build on PCM Best Practice
  - Implement Validation Roadmap
  - LOI
  - CAW
- Management positions
- Product Safety Boards



# CT Initiatives

## Safety Management - Performance/Risk Based Approach

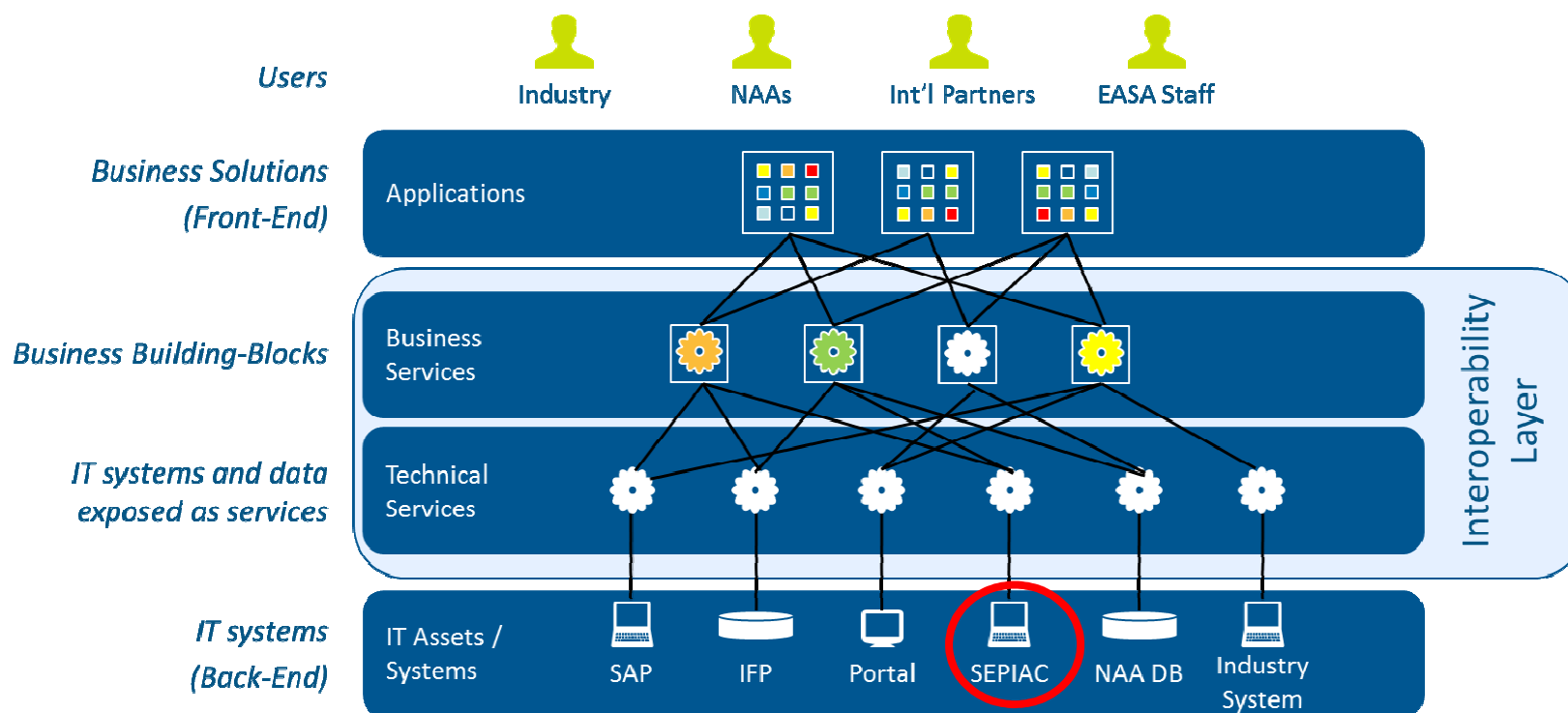
- Level of Involvement (LOI)
  - Close coordination between DOA and product certification
- BASA Partners/Validation
  - Focus on safety critical aspects
  - Avoid duplication of effort without any added value
- SMS Steering Committee
  - Ensure consistent and commensurate implementation taking into account the existing framework
- Big data
  - Evaluation of CAW data, trend monitoring, ...



# EASA Initiatives

Certification and Organisation Approval Information Hub

- CORAL will enable seamless, secure communication between external users and EASA





# Strategic Statements

## Safety

- Act in a proactive manner
- Use enhanced safety analysis capability

## Efficiency

- Risk and performance based approach
- Rules are smart and proportionate

## Partnership

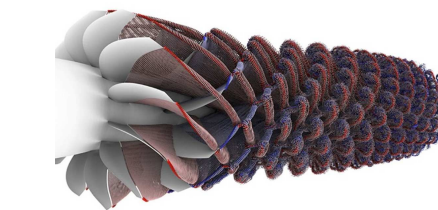
- Work with partners in an integrated, harmonised and coordinated manner

## Competence

- Builds on committed, agile & talented staff
- Research activities



# New technologies







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**Thank you for your attention!**

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# Airworthiness Directives issued in 2015

