

Introduction to Impact Assessment

EU-LAC APP

*Funded by the European Union and implemented by EASA
1st part*

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Your safety is our mission.

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EU-LAC project



“EU-LAC” project is funded by the European Union and implemented by EASA www.easa.europa.eu



Implementation of the EU/LAC APP Aviation Partnership Project in aviation

**EASA – Impact Assessment, Monitoring & Evaluation Team
Webinar, 02-03 December 2020**



Project funded by the European Union and implemented by EASA

Training Session

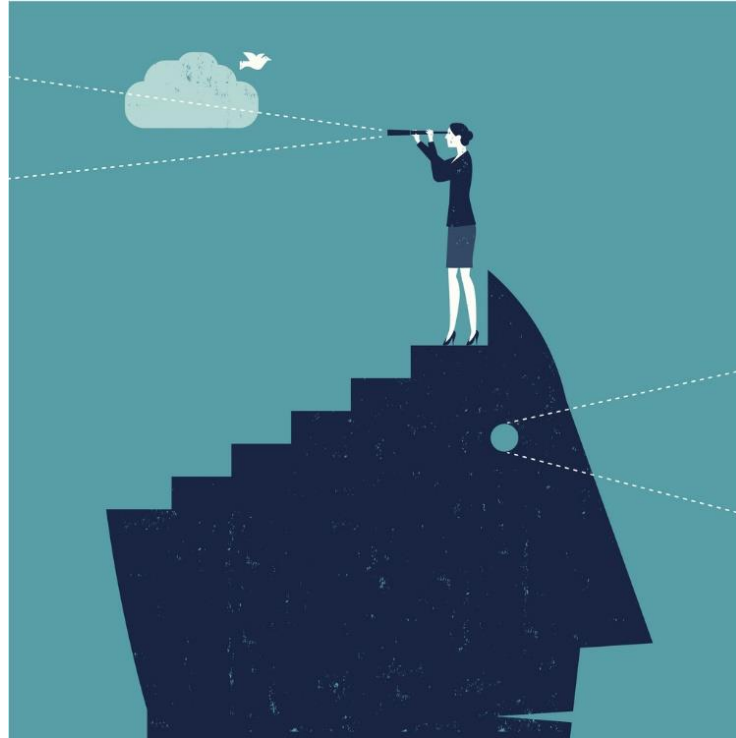
- Our training course will take about 3 hours every day
- With 2/3 short breaks per day
- Please refrain from using your mobile phones
- Concentrate despite the distance
- If you have questions, use the 'raise your hand' function in WebEx
- Use 'mute' outside discussion time and switch video on only when necessary

Your backgrounds & expectations

Background	Expectations



What to expect from this training



Objective of the course is to understand...

Why do we need to take decision?

What are the principles of taking a decision?

How do we take a decision?

...in the context of the EASA programming activities

**The principles of this course are applicable
to any country or organisation**

What is impact assessment?



After the introduction – review of the training course objectives

1. Principles of Better Regulation and overview of IA activities
2. Impact Assessment methodology
3. Candidate issues
4. Best Intervention Strategy
5. Monitoring and Evaluation

Part 1

Principles of Better Regulation and overview of IA activities



Better regulation I

- Design EU policies and laws so to achieve their objectives at minimum cost.
- Evidence-based and well designed measures that deliver tangible and sustainable benefits for citizens, business and society as a whole
- Policies prepared, implemented and reviewed in an open, transparent manner, involving stakeholders
- [Link](#)

Better regulation II



Who is involved?

Collaborative Bodies

Advisory Bodies:

MAB/SAB

TEB/TEC/COMs

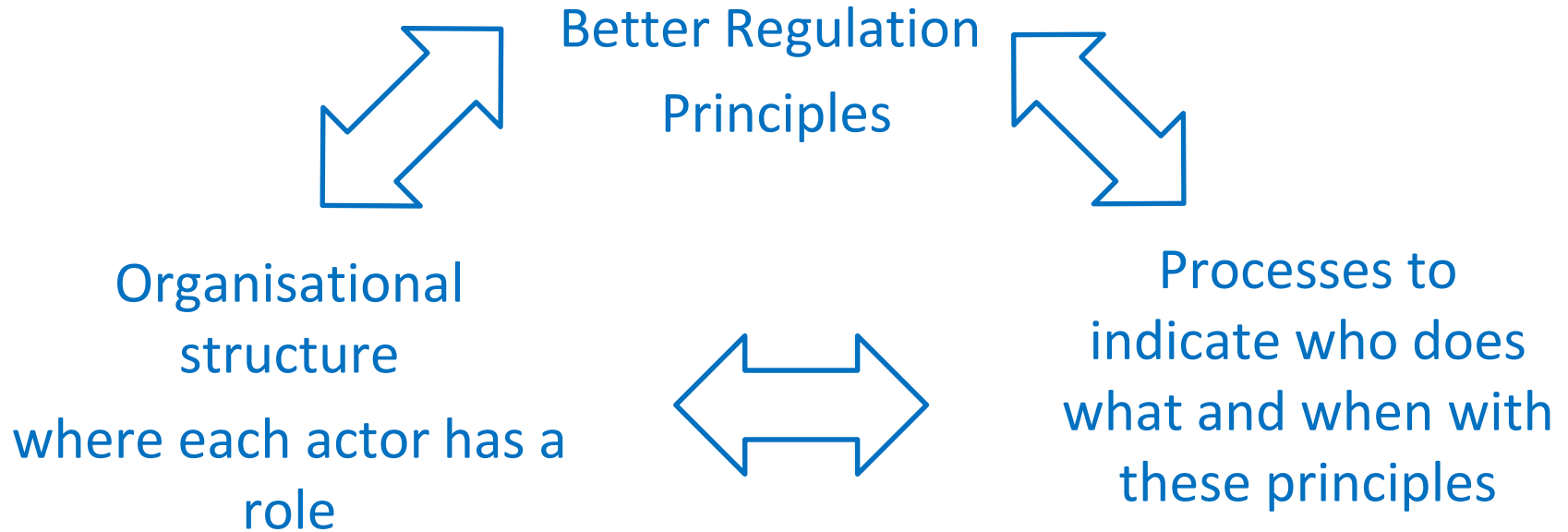
Rulemaking groups

Internal Experts

Management Bodies (e.g. ESC)

Better Regulation: How to implement them?

Due to the high number of actions to prioritise, the implementation of the Better Regulation principles need also



Part 2

Impact Assessment methodology



What are the steps?



What are the steps for transparent decision-making?

How to take a decision ?		
Before the decision	Issue analysis	What is the problem?
	Objective	What do I want to achieve?
	Definition of options	What are the different solutions?
	Analysis of options	Which consequences of these solutions?
Decision	Conclusion	What do I decide?

Impact Assessment

How to correct a decision ?			
After the decision	Monitoring	During the first years	Is the decision implemented according to the expectation?
	Ex-post evaluation	E.g. after 5 years	Does the decision answer to the problem?

Feedback loops

Review of actions

What's the purpose of doing an IA?

- Evidence-based policy making
- Transparency
- Clarify trade-offs
- Coherence
- IA is not the decision!



Proportionality principle

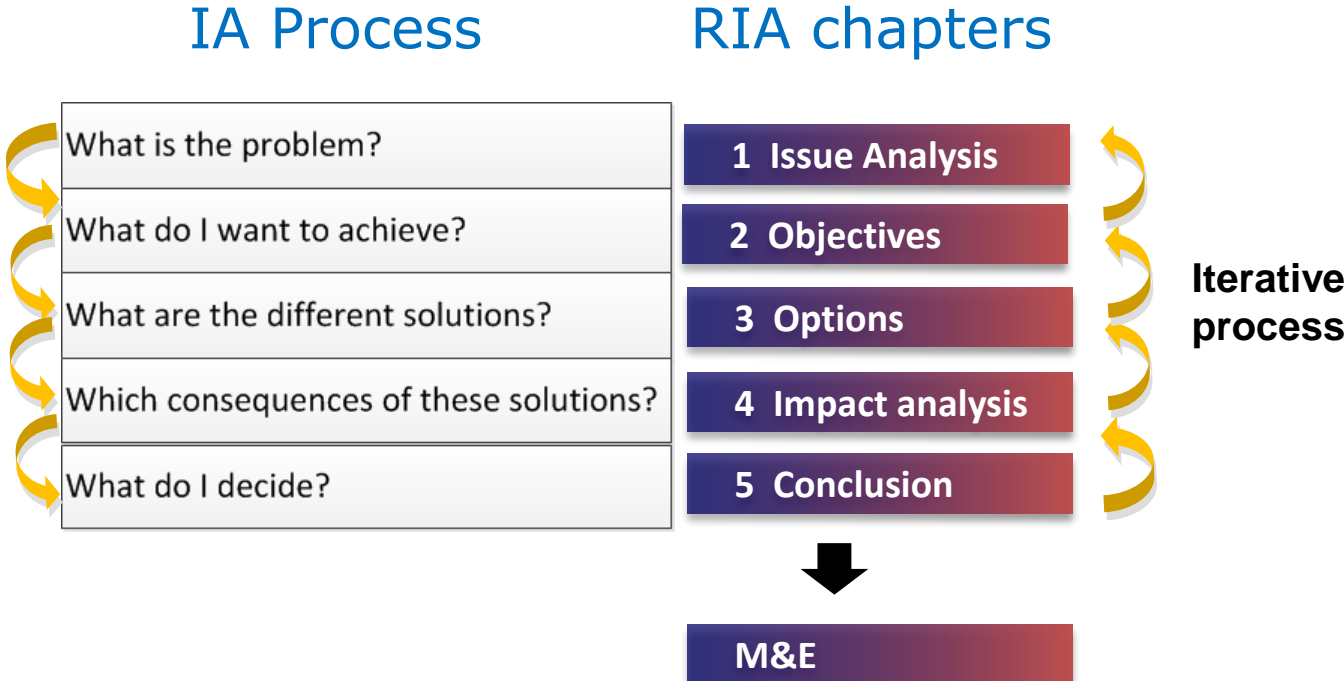
The **effort** to spend on better regulation principles

to support decision-making

has to be **proportionate**

to the size of a problem and its potential consequences.

The process for an IA = content of an IA



Step 1: Issue Analysis

WHY ?

Step 1: Analyse the issue in practice



What is the background?
(regulations, ...)

What are the problems?

What is the scale of the
problems?

What are the causes?

Who are the stakeholders?

What are the current initiatives
which could solve the problems?

How will the problems develop if
there are no rulemaking action?

This input
contributes to
the (*dynamic*)
baseline
scenario
definition

Stakeholders involved



Which stakeholders would you consider in your analysis?

...

Passengers/Consumers/Citizens
Flight Crew
Aerodromes
Enterprises/Manufacturing companies (e.g. SMEs)
Public Authorities (e.g. EASA/national/subnational authorities)
GA/CAT
Third Countries
Air Operators (regional/large)
Air Navigation Service Providers
Training Organisations
etc...

Step 1: Analyse the issue

Aim

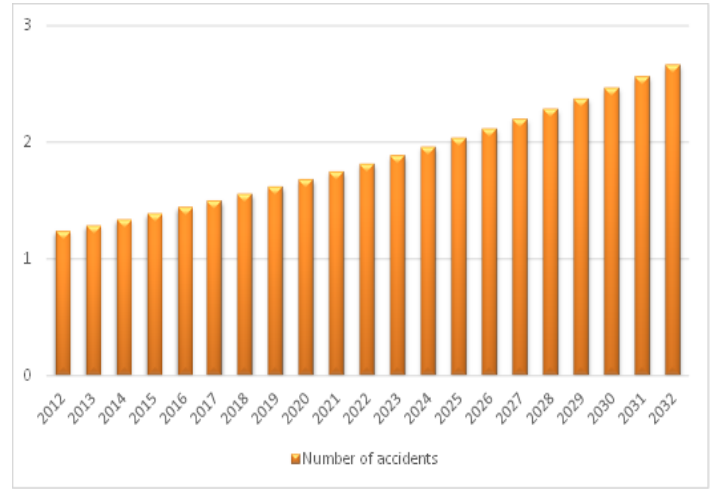
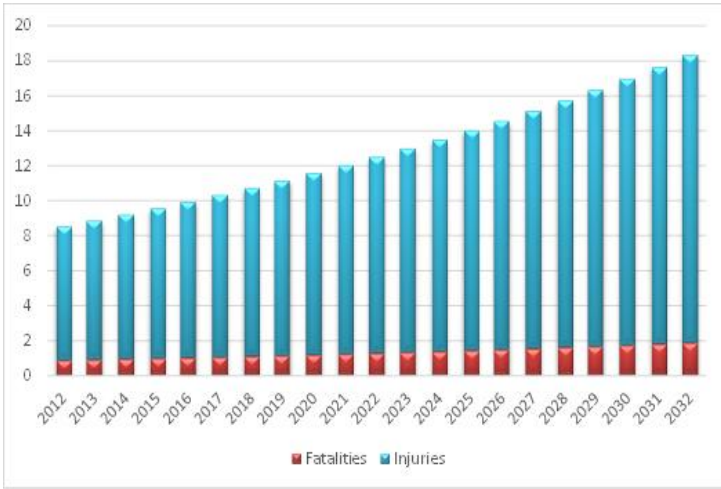
Understand the current and future problems

if

the current framework does not change

Keep in mind the “**dynamic baseline scenario**”

Dynamic Baseline Scenario



Landing overrun accidents, fatalities and injuries of EASA operators based on a constant accident rate and increasing traffic (NPA 2013-09)

Safety Risk Assessment

- What's the current risk?
 - Depicts the safety issue
 - Draws the scope and affected stakeholders
 - Defines severity and urgency
 - Concludes on the need of action (acceptable level of risk?)

Safety Data for safety risk assessment

Prospective

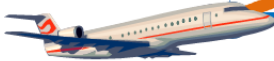
- Operational Suitability Data
- Future hazards

Pro-active

- FDM
- Line Operation Safety Audit
- Trend analysis
- Radar data
- Audits

Reactive

- Accident investigation
- Serious incidents
- Mandatory Occurrence Reporting (MOR)



Planned operation (system)

Actual performance

Drift

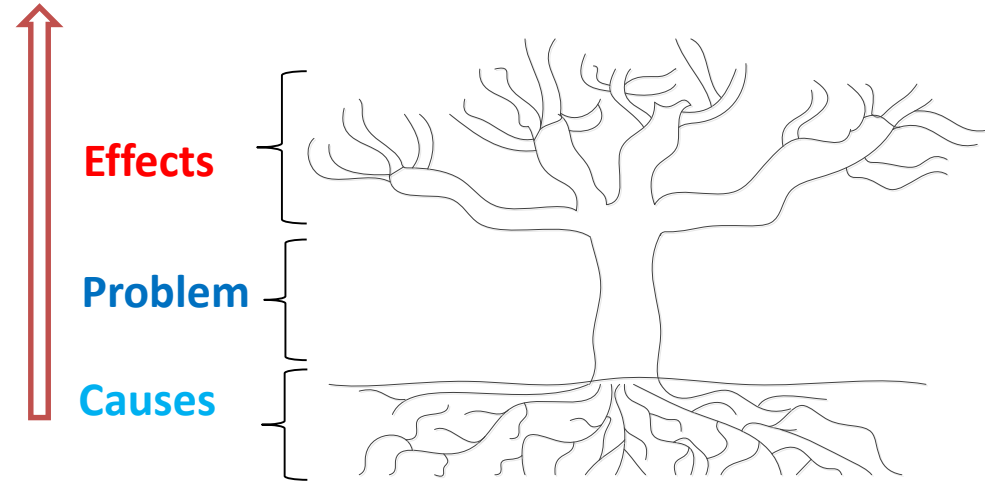


Example of tools to describe an issue

The problem tree

Step 1: Organise the problem tree with different layers:

- Causes
- Problems
- Effects



Step 2: Assess the relevance of each branch

Useful link: https://ec.europa.eu/info/sites/info/files/file_import/better-regulation-toolbox-65_en_0.pdf