What is Collaborative Environmental Management (CEM) ?

What are the benefits ?

Transparent noise management and community engagement in Ljubljana airport area

Municipality of Kranj, Slovenia

12 December 2019

Sharon MAHONY   EUROCONTROL

 CEM Project Leader and Stakeholder Engagement

Agenda

Risks

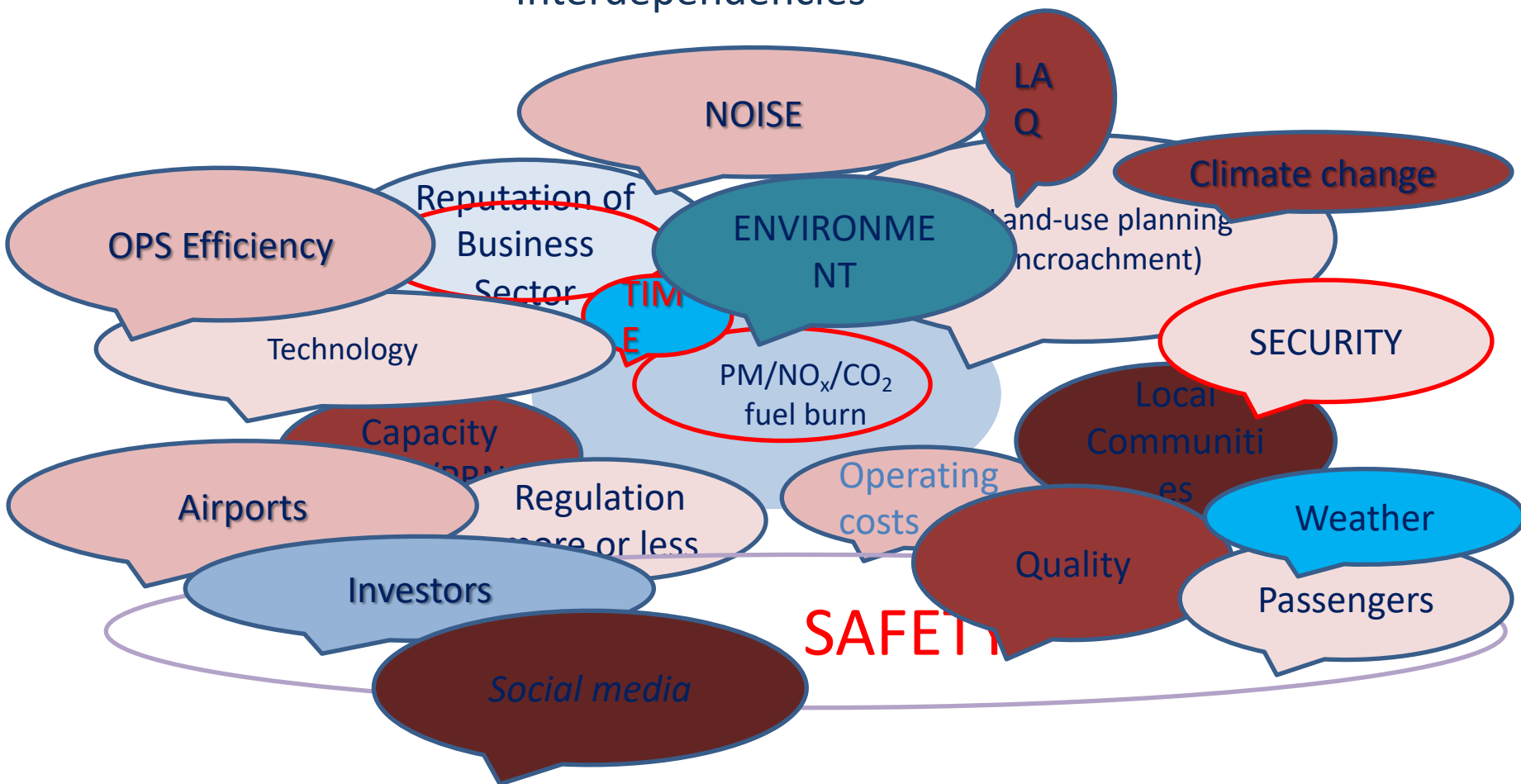CEM in practice

Benefits

Who is implementing CEM?

SMART Tools

Recommendations

Its all about change

Conclusions

RISKS

Interdependencies

CEM in practice...

Benefits of CEM

- Manages Reputational Risk…

- Facilitates awareness and understanding of operational interdependencies and business constraints
- Is a platform to look at long term challenges and develop a shared environmental vision and a strategy to implement it
- Is a catalyst to enable the sustainable growth of the Airport and benefit the surrounding communities
- Facilities robust and transparent local community dialogue and engagement

ANIMA
Aviation Noise Impact Management
through Novel Approaches

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Countries in which Operational Stakeholders are adopting or considering CEM...

Belgium

Bosnia and Herzegovina

Bulgaria

Finland

Holland

France

Hungary

Lithuania

Luxembourg
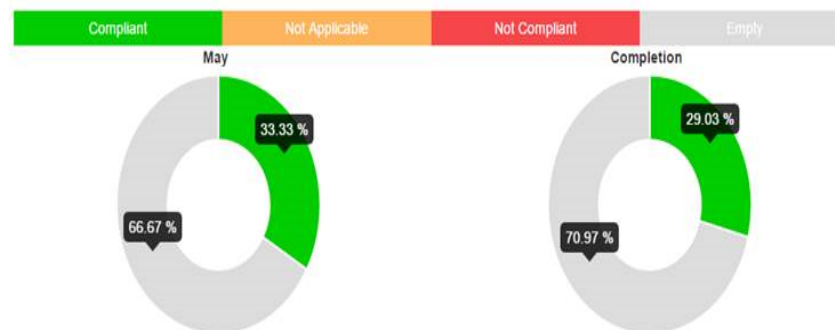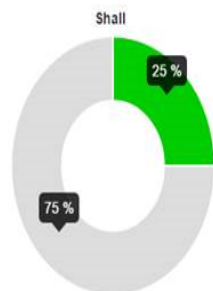
Denmark

Portugal

Romani

Serbia

Spain

Ireland

UK

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SMART tools - CEM Web Support

CEM Implementation tools – IMPACT:
Noise & Emissions modelling platform
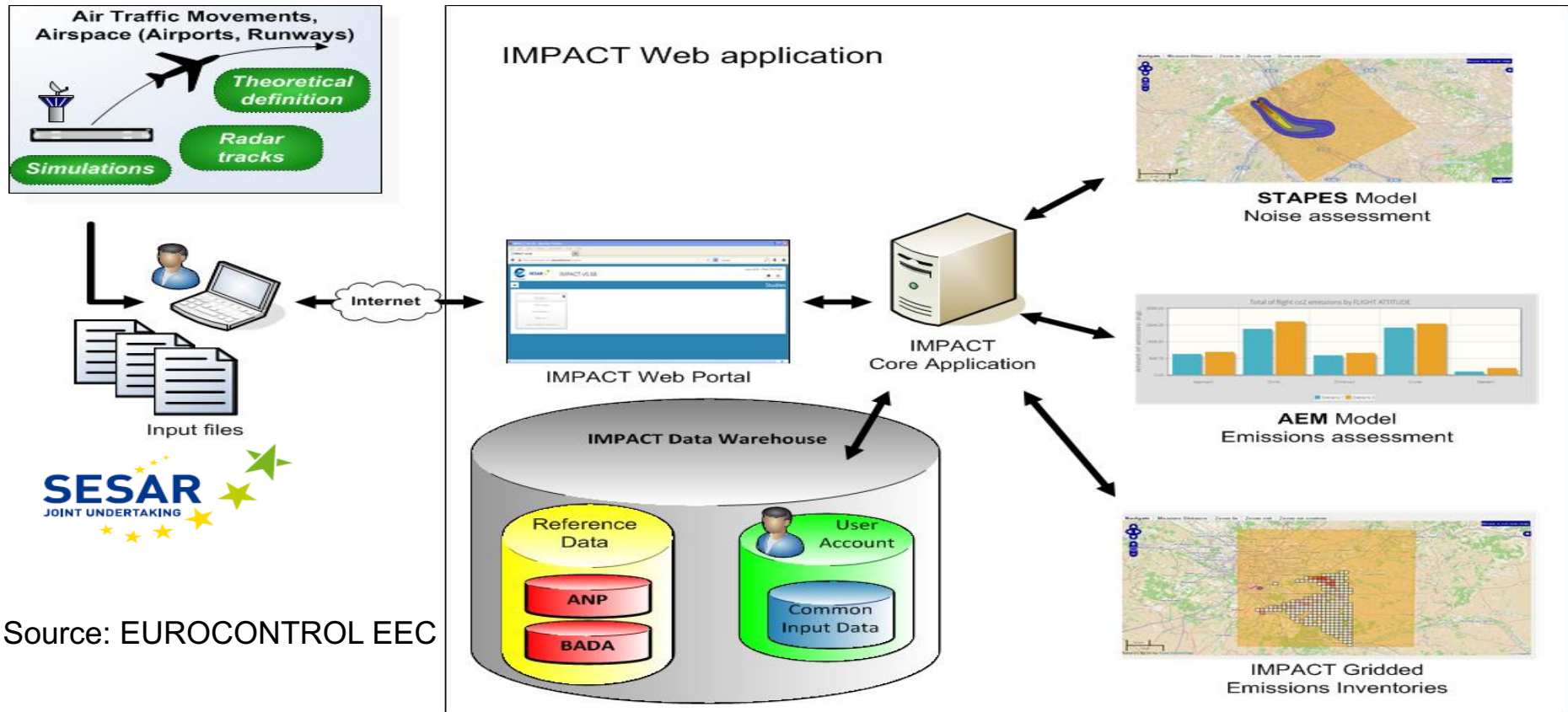
Source: EUROCONTROL EEC

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IMPACT AVAILABILITY

- **Available now!**

- **Under licence agreement**

- Licence fee follows the EUROCONTROL User-Pay Principle

- Cost: 1200 euros for 3 years for up to 5 users

- Free for assessments made for SESAR

impact@eurocontrol.int

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RECOMMENDATIONS

- ❑ Identify existing or implement CEM Working Arrangements
- ❑ Identify environmental IMPACTS & RISKS
- ❑ Understand interdependencies
- ❑ Prioritise
- ❑ Make a business case
- ❑ Ensure buy–in of senior management
- ❑ Be prepared for change…

It's all about change…

The Kübler-Ross change curve

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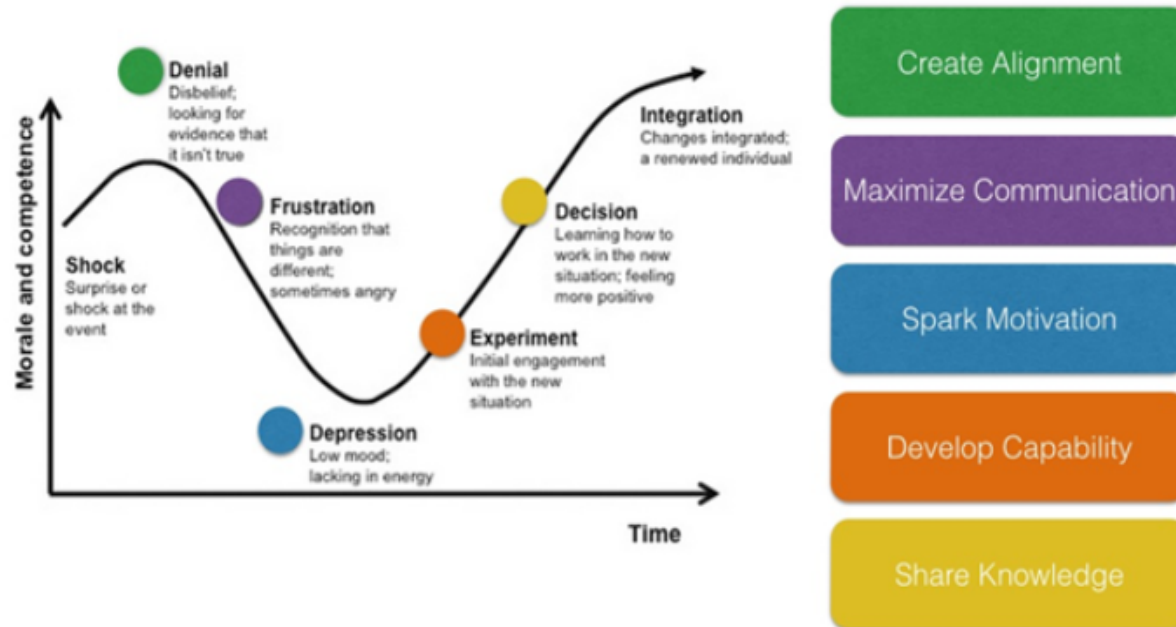
CONCLUSIONS

❏ No single operational stakeholder can minimise environmental impacts alone

❏ Minimising environmental impacts are essential to maintain current operations and grow sustainably

❏ COLLABORATION & COMMUNICATION are key to success

CEM – more information

- cem@eurocontrol.int

- Environment in ATM Training Course*

- http://www.eurocontrol.int/environment

*https://trainingzone.eurocontrol.int/ilp/pages/coursedescription.jsf?courseId=6053255&catalogId=896425