



EASA
European Aviation Safety Agency

Outlook on Regulatory Developments

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An agency of the European Union 

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Ex-post evaluation

➤ EASA shall review the effectiveness of FTL regulations (art. 9a of Reg. (EU) 965/2012):

- Involve scientific expertise
- Based on operational data
- Assisted by the member states
- First report no later than 18 February 2019.

➤ Included in EPAS 2018-2022 (RES.006)

➤ CALL FOR TENDERS N° MOVE/C2/2016-360

➤ Scope:

- Night duties of more than 10 hours; and
- Disruptive duties (repetitive early starts, late finishes and night duties)





Research project - governance

Research Consortium

- NLR
- Stockholm University
- DLR
- Jeppesen



Scientific Committee

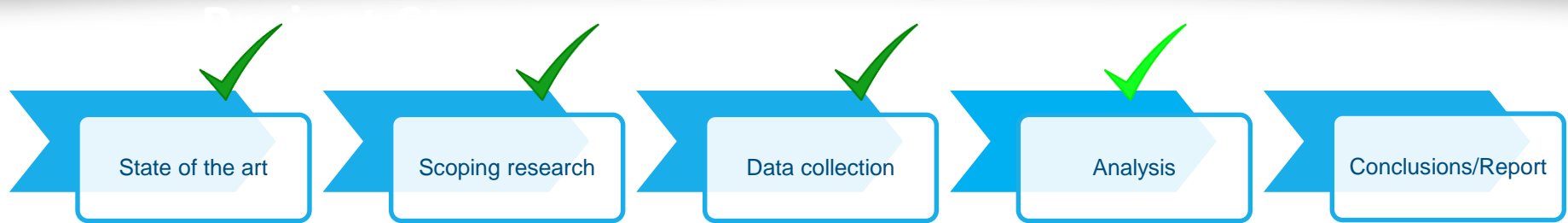
- Review of the scientific method
- Peer Review

Mirror Group

- Assists in defining the scope and scale of work
- Facilitates access to industry
- 12 NAAs
- Industry: ECA, ETF, A4E, IATA, AIRE, EBAA, ERA



Research project - progress



➤ data collection campaigns:

- In-field: May 2017 – February 2018 (24 airlines)
- Survey to crews

➤ Bio-mathematical modelling:

- Operational data (rosters of FC and CC) on long-term basis
- Two modelling algorithms: BAM and SAFTE



Research project – future plans

- Final report expected in **FEB/2019**

- Further evaluations will be conducted, addressing:
 - duties of more than 13 hours
 - duties of more than 11 hours for crew members in an unknown state of acclimatisation
 - duties of more than 6 sectors
 - time-zone crossings
 - positioning, etc.



➤ On-going:

➤ FTL for non-scheduled CAT operations with aeroplanes (air taxi and A-EMS)

- NPA 2017-17;
- Undergoing Comment Review
- Opinion planned for **Q4/2018**

➤ FTL for H-EMS

- NPA 2017-17
- High degree of fragmentation among national systems
- It will **not** be included in the Opinion and will be addressed at a later stage



Rulemaking activities

- Restructure the tasks for FTL/FRM for helicopter operations to have a more global approach rather than by type of operation
- Rulemaking tasks for other type of operations: e.g. SPO, NCC – not a high priority at the moment



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