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Minimising Impact Work of CAEP WG2

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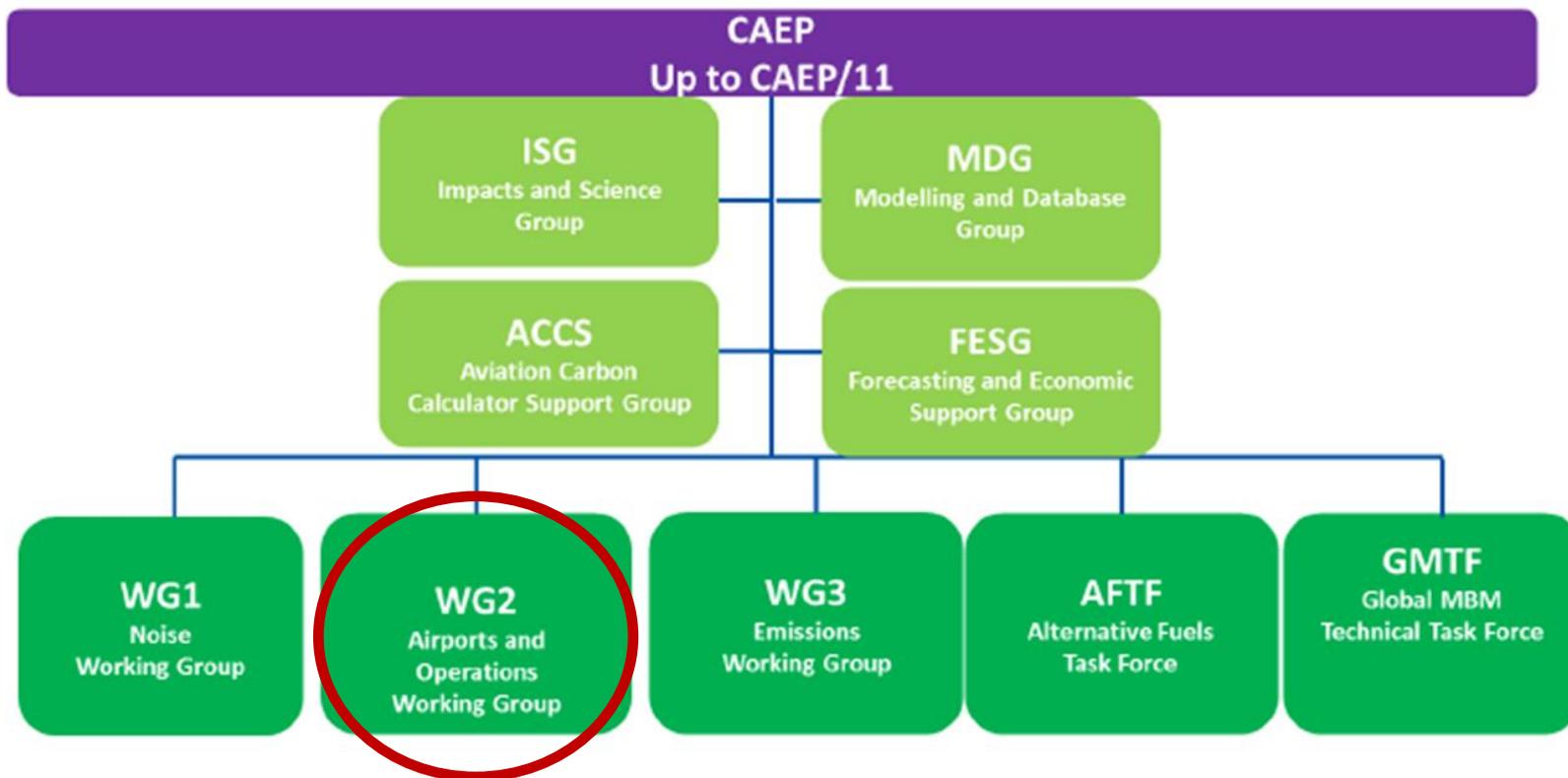
Head of Support to SES-related Policies

EUROCONTROL





ICAO Committee on Aviation Environmental Protection





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WG2: Key Airport-related Tasks

- Airport Planning Manual, Part 2
- Circular 351 on Community Engagement
- Update to Airport Air Quality Manual
- Environmental Community Engagement for PBN
- Operational Opportunities to Reduce Aircraft Noise
- Climate Adaptation Synthesis
- ECO AIRPORT Toolkit “e-collection”



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Airport Planning Manual, Vol 2 (Doc 9184) Land Use and Environmental Management

- New Title
- All chapters rewritten from an “environmentally friendly” perspective – PLUS new chapters
 - Infrastructure for Environmental Management
 - Climate Adaptation
- Appendices 1, 4 & 5 – NEW, with case studies
 - Airport Infrastructure for Environmental Management - 7
 - Heritage Management - 5
 - Climate Adaptation - 10



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Community Engagement for Airport Environmental Management

- Circular 351 - NEW
- Best practice case studies & lessons learned
- Contents
 - Introduction
 - Communities and Aviation Stakeholders
 - Topics and Methods of Engagement
 - Lessons Learned
 - Good Practices
 - 48 Case Studies, of which 15 analysed more closely

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Airport Air Quality Manual (Doc 9889)

- Collaborative with WG3 (Emissions Technical)
- Engine emissions indices updated
- Particulate Matter indices under development
- Completed for CAEP/11 (Feb 2019)

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Environmental Community Engagement for PBN

- Follows on from Circular 351
- Review of PBN and why of interest to communities
- Compilation of potential challenges
- Identification of gaps to supplement Circular 351
- Proposals on disseminating deliverables
- Report to CAEP/11

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Operational Opportunities to Reduce Aircraft Noise

- New Guidance Material for ICAO
- Identify good practices
- 9 chapters including
 - Airport ground operations
 - Departure (take-off & climb)
 - Arrival (approach & landing)
 - Interdependencies & trade-offs
- Delivery CAEP/12 (Feb 2022)

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Climate Adaptation Synthesis

- Synthesize projected climate impacts on aviation sector
- Better understand risks to planning, infrastructure and operations – thus, airports
- Identify current impacts
- Show how risks are assessed and quantified
- Delivery of Report to CAEP/11

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ECO-AIRPORT TOOLKIT

- A series of “*e-publications*” for ICAO web site
- Short, sharp & to the point
- Support planning/implementation of airport infrastructure projects delivering environmental benefits
- 4 publications 2016-2019
 - Renewable energy at airports (delivered)
 - Airport environmental management systems (delivered)
 - Waste management at airports (in production)
 - Eco-design of airport buildings (planned)

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THANK YOU

