

Committee on Aviation Environmental Protection (CAEP)

General

ICAO's current environmental activities are largely undertaken through the Committee on Aviation Environmental Protection (CAEP), which was established by the Council in 1983, superseding the Committee on Aircraft Noise (CAN) and the Committee on Aircraft Engine Emissions (CAEE). CAEP is composed of Members and Observers.

CAEP assists the Council in formulating new policies and adopting new Standards on aircraft noise and aircraft engine emissions. CAEP's Terms of Reference and Work Programme (PDF) are established by the Council. Figure1 describes CAEP' structure.

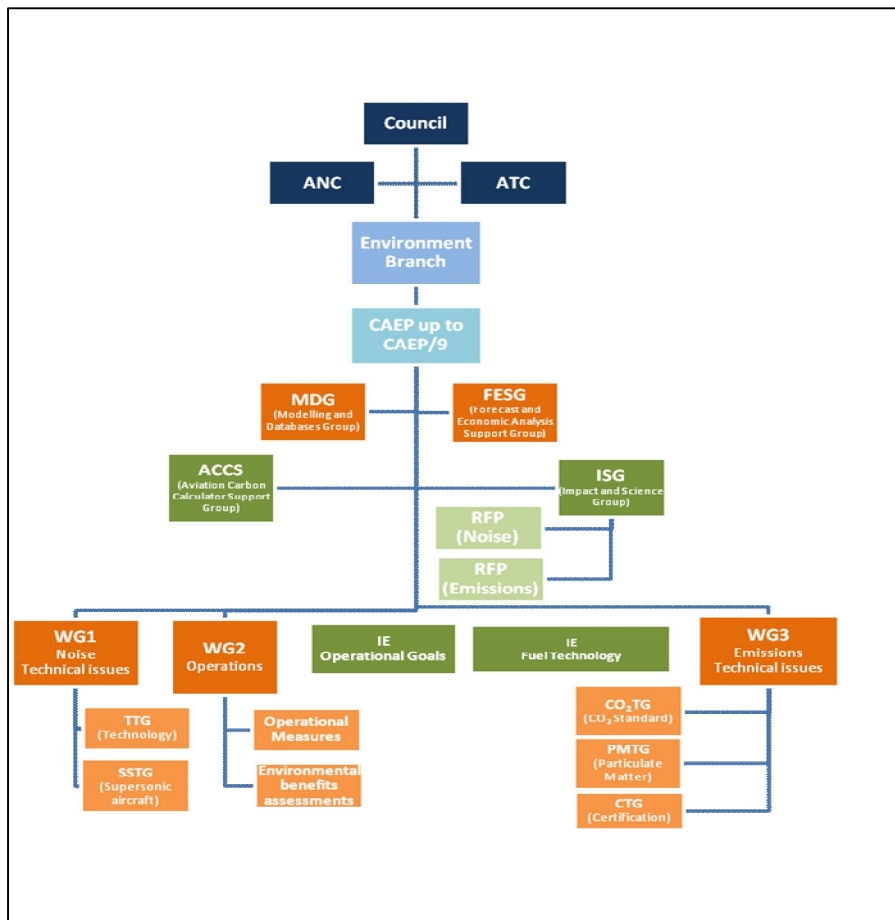


Figure1: CAEP Structure

ACAC in CAEP

Due to a variety of reasons, including but not limited to lack of expertise, poor communications, and insufficient funds, in the last years, CAEP has received very little contribution – if any – from ACAC member States. However, through the ACAC’s observer status, there is a good chance for ACAC member States to participate in CAEP’s work. This may allow ACAC member States not only to gain experience in this fast-evolving field, but also to significantly contribute to the various committee’s activities.

The main objectives/benefits for ACAC are:

- To participate in various working groups;
- To take part in and lobbying, in accordance with ACAC member States needs, the law-making process of setting standards and regulations in the field; and
- To acquire expertise in order to represent ACAC member States in future environmental policy debates.

CAEP Working Groups

CAEP is composed of eight working groups form by different States and observers. Table1 provides a brief description of the suggested group for the Arab region to be involved in and the requested experience and qualifications that will be required.

Ser	Group Name ¹	Description	Needed Qualification and experience
1	Modelling and Data base Group (MDG)	MDG was created at CAEP8 and replace the Modelling and Databases Task Force (MOD TF), that was established during the CAEP/7 meeting. This new group carries out modelling efforts in support to the activities of the other CAEP groups and maintains various databases such as the movements, fleet, and population database.	Acoustic Engineer, modelling expertise (not a heavy group)
2	Forecast and Economic analysis Supper Group (FESG)	The main role of the FESG to develop and maintain the databases necessary to provide the framework for performing economic analysis and forecasting the fleet growth. It provides support to the other working groups within CAEP and works with them on data issues that concern more than one working group.	Economists
3	Aviation Carbon Calculator Support Group (ACCS)	This group was formed in 2007. It successfully developed an impartial, transparent methodology for computing the CO2 emission from passenger air travel which is continuously updated.	
4	Impact and Science Group (ISG)), this group was established at CAEP/6 but the final terms of reference for the impact and Science Group will be further detailed in early 2011	Not yet established.
5	Working Group 1 (WG1), Aircraft Noise Technical Issues	the main aim of WG1 is to keep international aircraft noise certification Standards (Annex16, Volum1) up-to-date and effective, while ensuring that the certification procedures are as simple and inexpensive as possible.	Manufacture, aircrafts engineers

¹ The preferred groups to work with are (WG1, WG2, WG3and FESG)

6	Working Group 2 (WG2)- Operation	WG2 address aircraft noise and emission issues linked to airports and operators.	Pilots, Airports operation expertise, Air Navigation Service Provider (ANSP), Air Traffic Controller (ATC).
7	Working Group3 (WG3), Emission Technical Issues	It deals with aircraft performance and emission technical matters, including the updating of Annex 16- Volume 2 and the development of an aircraft CO2 Standards	Engineering, Certification expertise.
8	Independent Expertise Group (IE)	A group of scientist and operational expertises	Almost the two groups are full.

How to be a member within the working Groups?

The following simple process is applicable:

1. The head of Environment Committee or an alternate nominated by ACAC/ Environment Committee ACAC will represent ACAC in CAEP steering group meetings (every year) and the official meetings (every three years) .
2. The Representor will be able to accompanied by not more than two advisor, nominated by the head of environment committee or ACAC management.
3. There is an easy process to nominate observers from deferent states once they have the mentioned expertise in **table1** ,
4. A brief email from ACAC, or from the head of Environment committee will be forwarded to the Environment Branch in charge officer requesting the acceptance in the selected group.
5. The selected candidate will be informed with the number of meeting to be attended and the conference calls.
6. All the expenses should be paid by the member State of the candidate.
7. The member will be requested to report back to the environment committee on the outcome of the working groups.
8. CAEP members may be requested to attend the Environment Committee's meeting and share their experience within the working groups (depending on the availability and the funds).

Commentaire [A1] : I don't understand what you try to say here