



ICAO

ENVIRONMENT



# Brazil's Support to CAEP



- Brazil has been a member of CAEP since its formation in 1983
- Today Brazil leads two of the CAEP working groups:
  - ACCS (Aviation Carbon Calculator Support Group) AFTF (Alternative Fuels Task Force)
- And has made technical experts available to five others
  - WG1 (Noise Technical)
  - WG2 (Airports and Operations)
  - WG3 (Emissions Technical)
  - FESG (Forecasting and Economic Analysis Support Group)
  - MDG (Modelling and Databases Group)



- Aviation Carbon Calculator Support Group is responsible for the methodology used by the ICAO Carbon Emissions Calculator
- Current tasks include:
  - Enhancements to the passenger calculator
  - Methodology for CO<sub>2</sub> emissions from air cargo
  - Report on ways to collect data on offsetting
  - Methodology to account for offsets in the carbon calculator

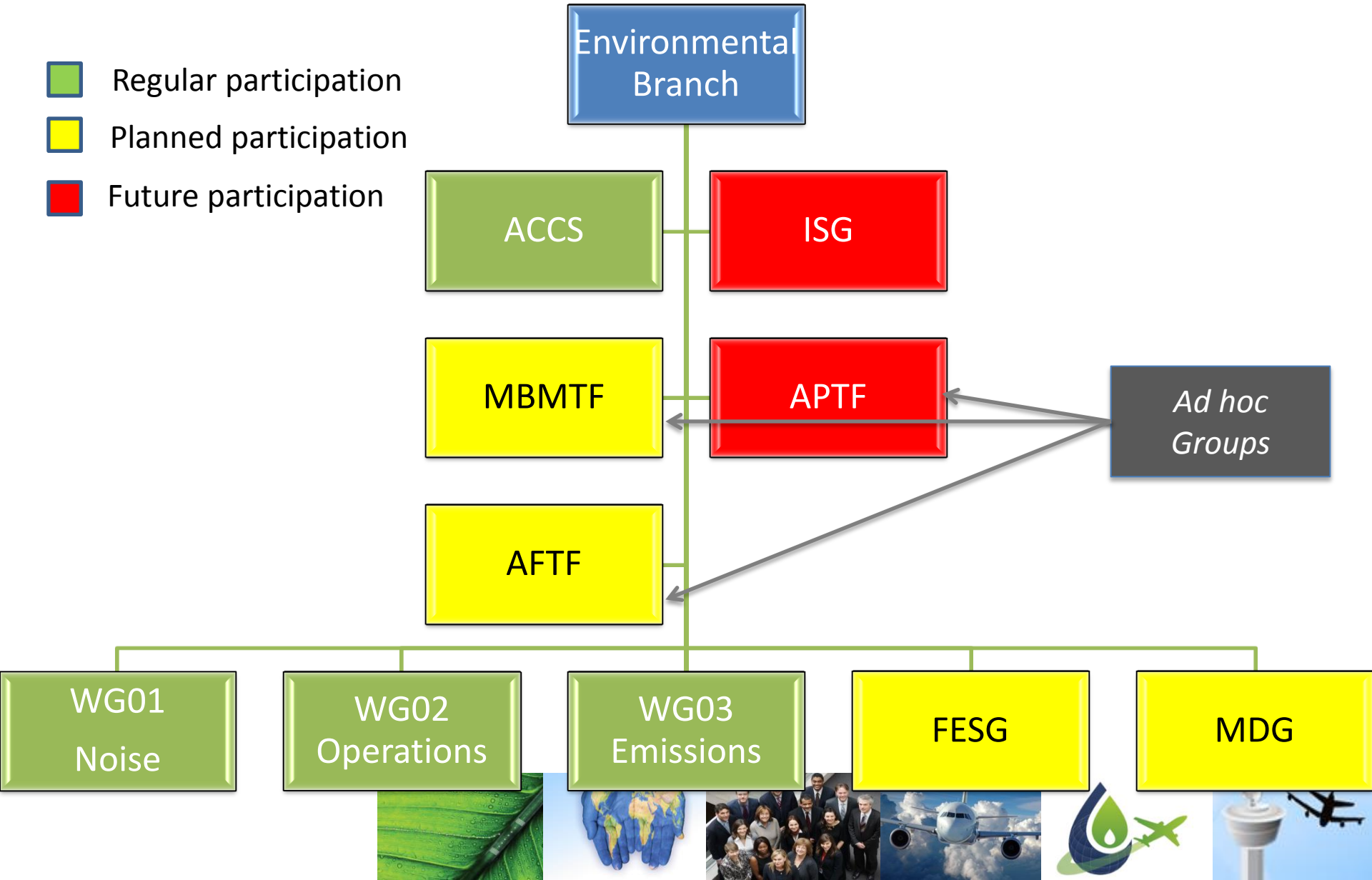


- Alternative Fuels Task Force is a newly-created group in CAEP
- Initial tasks include:
  - Life-cycle analysis methodology
  - Alternative fuels projection
  - Range of emissions from use of alternative fuels to 2050





- Regular participation
- Planned participation
- Future participation



- **New Noise Standard Chapter 14**
  - Maintenance of the Growth and Replacement database with information from the Brazilian aircraft manufacturer;
  - Participation on the Independent Expert Panel on Noise
- **CO<sub>2</sub> Standard**
  - Participation on the CO<sub>2</sub> Task Group developing studies on Standard Applicability for In-production Airplane Types.
- **Hosted the events:**
  - Conference on Aviation and Alternative Fuels in November 2009, Rio de Janeiro;
  - CAEP Steering Group Meeting, in Salvador 2009.

