



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)



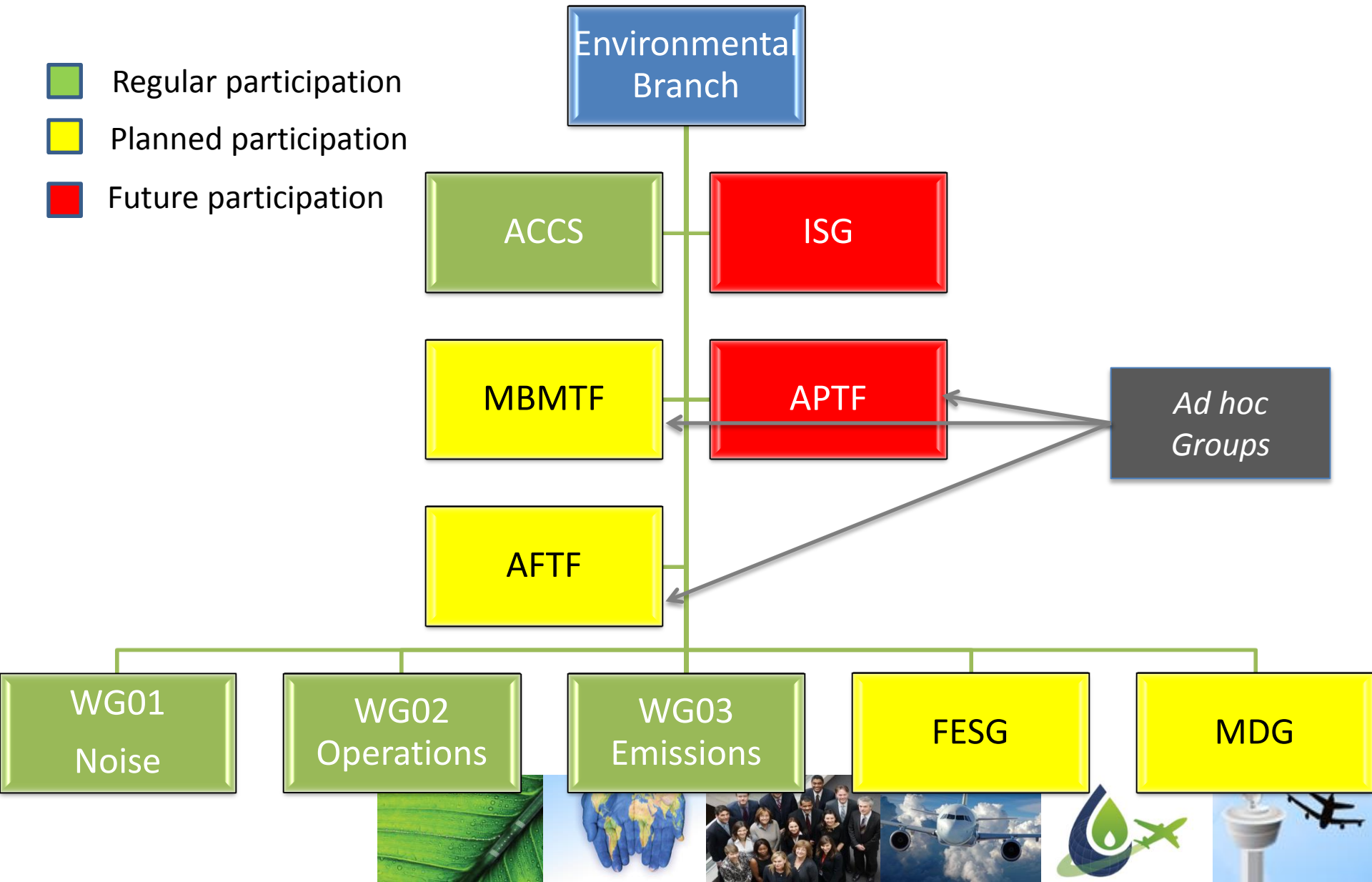
- Aviation Carbon Calculator Support Group is responsible for the methodology used by the ICAO Carbon Emissions Calculator
- Current tasks include:
 - Enhancements to the passenger calculator
 - Methodology for CO₂ emissions from air cargo
 - Report on ways to collect data on offsetting
 - Methodology 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
- **CO₂ Standard**
 - Participation on the CO₂ 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.

