

### **Abstract of Presentation**

The use of best operational procedures has been identified as a key element that could achieve reductions in the emissions produced by air transport, in response to the Kyoto Protocol.

During the last three years, CAEP WG4 has worked on the development of an ICAO Circular identifying the main operational opportunities to reduce fuel consumption and the associated emissions produced by the aviation sector. This ICAO Circular provides guidance for use by airlines, airports, ATC services, authorities and other stakeholders.

In addition, WG4 has developed a parametric model to quantify the emission reductions achievable from the introduction of the CNS/ATM system. A first quantification has been made in the Europe and North America airspace that demonstrates a reduction of fuel consumption of 5% in these areas.

Looking ahead, WG4 will focus on disseminating the guidance on operational opportunities to reduce emissions identified in the ICAO Circular and on quantifying at a global level the environmental benefits associated with the implementation of the CNS/ATM plan.

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*Mr. Iglesias graduated as an aerospace engineer and worked in CASA Engines Division on maintenance activities for five years.*

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