



# BUSINESS AVIATION AND CLIMATE CHANGE

Advocating for a global aviation sectoral approach in a post-Kyoto global framework

The global business aviation operating and manufacturing communities support the International Civil Aviation Organization's (ICAO) proposal for aviation sectoral management of targets and monitoring of greenhouse gas (GHG) emissions in a post-Kyoto Agreement. We support the ICAO Programme of Action on International Aviation and Climate Change and are in accord with the Declaration of the High Level Meeting on International Aviation and Climate Change convened by ICAO in Montreal on 7-9 October 2009.

## Our record of achievement

Business aviation has established an excellent record of consistently improving fuel efficiency, delivering 40% improvement over the past 40 years. Business aviation's global CO<sub>2</sub> emissions are approximately 2% of all aviation and .04% of global man-made carbon emissions. Business aircraft are operated for specific missions and fly efficient, direct routes between airports. Modern navigation equipment, combined with the latest technologies in aircraft and engine design and operational best practices, provide for ever-improving fuel efficiency and reduced GHG emissions.

## Our commitment

Nonetheless, our community is resolved to do even more. Business aviation manufacturing and operating communities have jointly developed an aggressive programme in support of ICAO targets. Achieving these targets will require not only sustained effort on the part of the entire business aviation community, but also a partnership between industry and government, and the development of realistic solutions that balance economic growth, progress and technology. The business aviation community therefore commits to the following specific targets:

- Carbon-neutral growth by 2020;
- An improvement in fuel efficiency of an average of 2% per year from today until 2020;
- A reduction in total CO<sub>2</sub> emissions by 50% by 2050 relative to 2005.

We will achieve these objectives through expected advances in four areas: technology, infrastructure and operational improvements, alternative fuels, and market based measures.

Consistent with ICAO recommendations and limitations on data availability, business aviation supports the development of an appropriate alternative metric within ICAO to measure and track business aviation emissions on a fleet basis.

## Our needs

Given the global nature of aviation, internationally harmonized policies, rules and procedures are critical to ensure safe, efficient and balanced operations. Our community believes that ICAO must be assigned global sectoral responsibility over aviation emissions targets and monitoring.

## Our promise

The business aviation sector has made remarkable improvements in its environmental performance over the last half century. The industry believes that if scope is given to the aviation community to manage environmental stewardship in partnership with industry and under the leadership of ICAO, all will enjoy a vibrant and healthy industry that will continue to proactively reduce its impact on the environment even as the demand for business aviation continues to grow.