

# CORSIA



## Demonstrate your performance and your fleet monitoring by verifying your emissions under the CORSIA (Carbon Offsetting and Reduction Scheme for International Aviation)

### BUSINESS CHALLENGE

- The aviation industry has been identified as one with the fastest growing impact on CO<sub>2</sub> emissions and fuel consumption per mile/km and passenger transported.
- As individuals and collectively we are realising that the impact of our choice of mode of travel has a wide variation on the impact on the planet. Reducing the carbon footprint of aviation travel without sacrificing the convenience and its affect on our standard of living is the challenge.
- Individual consumers are becoming more educated about the environment and are able to evaluate and select their airline based on their efforts to reduce, or even improve its environmental impact.
- Airlines must now consider their reducing their environmental impact as a licence to operate.
- In 2021, CORSIA will be mandatory for all international airlines.



### WHAT IS CORSIA?

- CORSIA is the first reporting and offsetting scheme created for the aviation industry to reduce its impact on CO<sub>2</sub> emissions, and enable carbon neutral growth from 2020.
- CORSIA was launched in 2016 by ICAO (the United Nations' International Civil Aviation Organization) to address international aviation emissions.

### HOW CORSIA WORKS ?

- Country level authorities require airline operators which are based in their countries to verify that they conform to CORSIA requirements using an independent third party verification body.
- Each operators' international airline fleet CO<sub>2</sub> emissions must be quantified in 2020 and reduction and offsetting plans put in place to freeze, reduce and offset those emissions.

### WHY SHOULD I VERIFY MY EMISSIONS DATA?

CORSIA requires data verification by an accredited third party in order to assure the robustness of the underlying data and calculations before submitting emissions reports to the relevant ICAO member state. Bureau Veritas is one of the first CORSIA verification bodies to be globally accredited, adding to existing accreditations for the European Union Emissions Trading Scheme and for voluntary GHG emissions declarations. Our experienced verifiers will, among other things, check your emissions monitoring plan covers all qualifying flights, has adequate controls in place and is consistently applied across your fleet.





## 3 KEY BENEFITS



Prove your organization's ability to meet to the highest global requirements

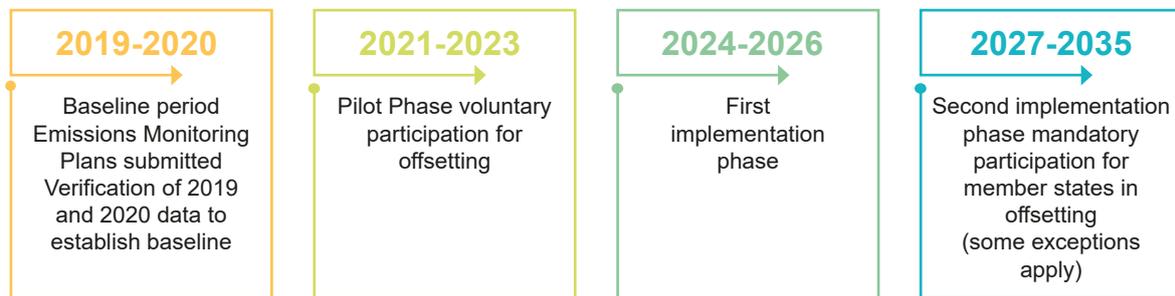


Act to safeguard the planet and demonstrate environmentally responsible behaviour



Prepare your organization for the changes that are coming. Monitor the current fleet fuel efficiency and verify your emissions baseline, fix targets and prepare your action plan for CO<sub>2</sub> emissions offsets

## WHY SHOULD I EMBARK ON A CORSIA PROGRAM NOW?



Since 2018, airlines have been encouraged to measure and monitor their CO<sub>2</sub> emissions in order to settle on a consistent calculation methodology they will apply in the pilot phase.

From 2020 the results will form the baseline emissions not to be exceeded in future. The baseline reporting is mandatory from the end of 2019.

During this phase, calculations will also confirm the probable growth rates based on fleet expansion and additional journeys to enable the advanced planning and purchasing of offsets to compensate for this expected growth.

Getting a head start will enable your organization to quantify the emissions risk accurately, to better understand and plan the approach to managing, reducing and offsetting those emissions.

## WHAT DOES OFFSETTING MEAN ?

Once the baseline is fixed, operators will either have to acquire carbon emissions credits to offset their growth in emissions or put in place emission reductions.

Emissions reductions can come from either technical and technological improvements in aircraft, their engines or fuel quality. They may also come from strategic decisions about aircraft fleet composition. In the short term the purchasing of varified carbon offsets from recognized programs will be necessary.

## CORSIA, PART OF CIRCULAR+ FROM BUREAU VERITAS.

Circular+ is a stepwise approach to sustainability, built on a comprehensive suite of services to help companies transition to a circular business model.

As a global leader in environmental and sustainability certification, Bureau Veritas Certification is now supporting organizations of all sizes with its suite of sustainability training, auditing and certification services.

## WHY CHOOSE BUREAU VERITAS?

World leader in testing, inspection and certification

In-depth knowledge environmental and GHG emissions verifications programs

Technical expertise to secure continuous improvement support in a worldwide network



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For more information:

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