



Information Meeting on the

Carbon Offsetting and Reduction Scheme for
International Aviation CORSIA

Timeline

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Bern, May 15th 2018



CORSIA Timeline - History

- Decision to develop a Market Based Measure (MBM) for international CO₂ emission at ICAO A39-3 in September 2016: Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)
- CAEP has prepared the necessary documentation (SARPs Annex 16 Volume IV and ETM Volume IV)
- State letter process (November 2017- April 2018)
- Approbation by ICAO Council planned during June 2018 Session
- Entry into force: 1.1.2019



Phased Implementation



- Participation of States in the pilot phase (2021-2023) and 1st phase (2024 -2026) is voluntary
- From 2027: all States with an individual share of international aviation activity in 2018 above 0.5% of total activity or whose cumulative shares reaches 90% of total activity are included.
- Least Developed Countries , Small Island Developing States and Landlocked Developing Countries are exempt unless they volunteer to participate.

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Phased Implementation: Baseline period

- ICAO Member States participating in CORSIA in the pilot phase, need to ensure their operators monitor the CO₂ emissions from international flights starting 1st January 2019
- Preparation of the implementation starts in 2018 with the setting up of the baseline period in 2019 and 2020
- The Baseline period is needed to define the growth factor and the offsetting requirements



Phased Implementation: 2018

- Switzerland has committed, among the 44 ECAC States, to implement CORSIA from the beginning of the pilot phase
- A focal point for CORSIA has been designated: Urs Ziegler, FOCA
- FOCA (U. Ziegler, C. Marthe) participated in several ICAO's CORSIA training in 2017 and 2018
- Coordination with aeroplane operators starting with today's meeting

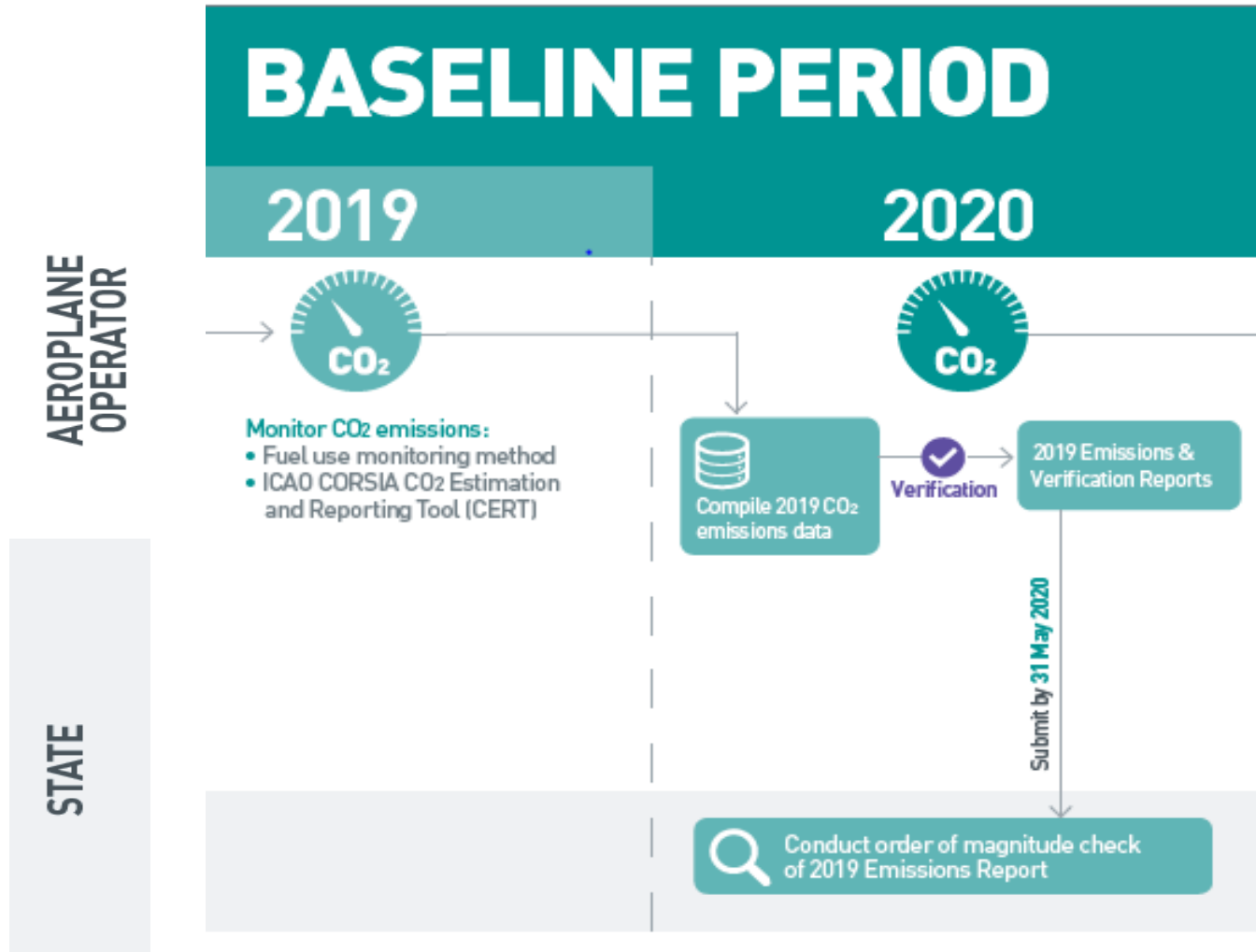


Phased Implementation: 2018

- Preparatory work for operators in 2018 includes:
 - Thorough reporting of international aviation activities (Form A)
 - Nomination of a focal point for CORSIA matters and communication with State authority
 - Preparation and submission of a CO₂ Emissions Monitoring Plan (EMP) for international activities
- Preparatory work for States in 2018 includes:
 - Examination and approbation of the EMP
 - Submit to ICAO a list of aeroplane operators attributed to Switzerland



Phased Implementation: 2019-2020



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Phased Implementation: 2019-2020

- Actions for operators during the baseline period includes:
 - Monitoring CO₂ Emissions
 - Compile emission data (in 2020 for 2019 data)
 - Choose and engage a verification body for the verification of the 2019 Emission Report (ER)
 - Submit the verified ER and associated Verification Report

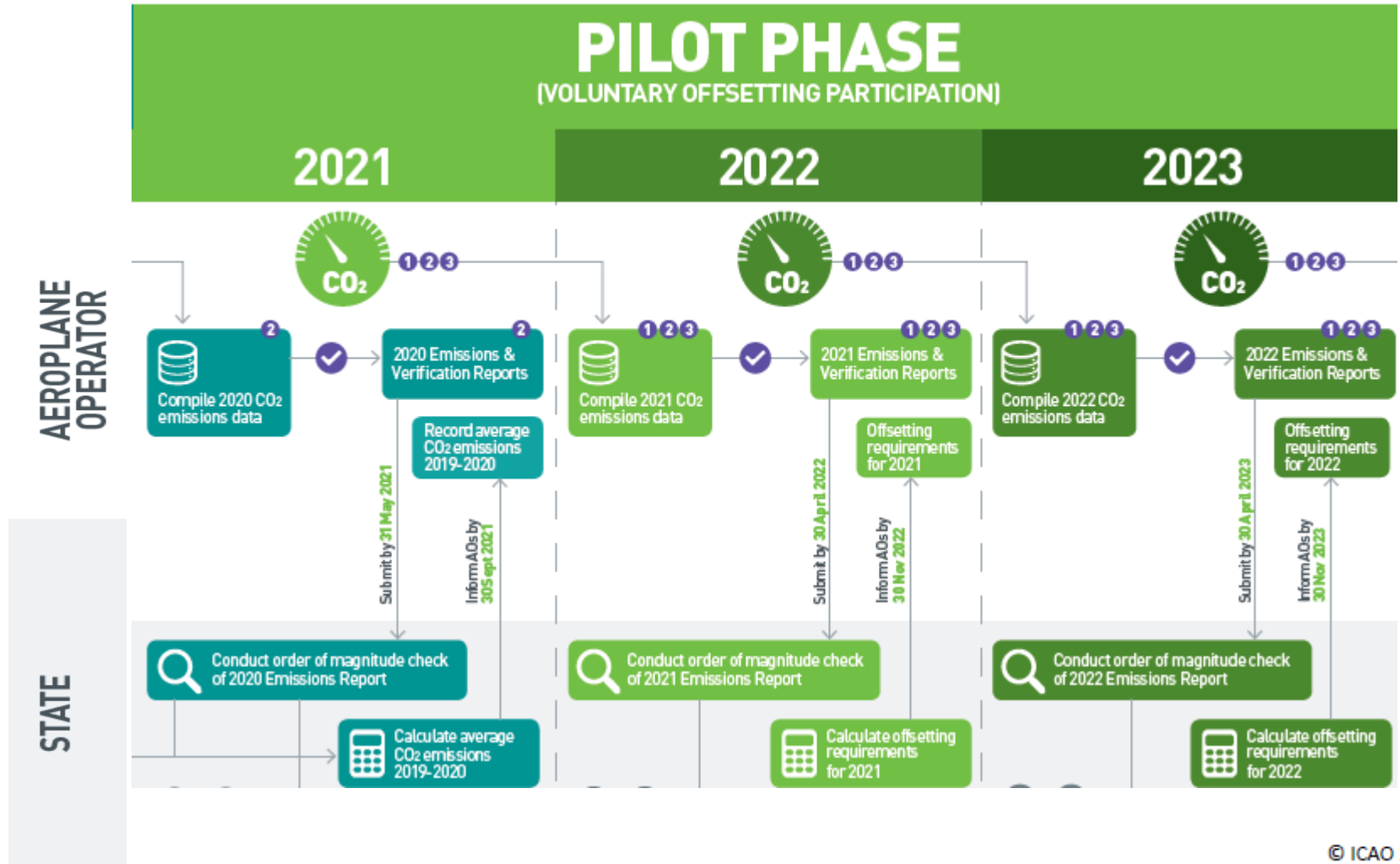


Phased Implementation: 2019-2020

- Actions for States during the baseline period includes :
 - Conduct an order of magnitude check of 2019 verified Emissions Report
 - Submit 2019 CO₂ emission data to ICAO
 - Select and notify ICAO which option is chosen for calculating the operator's CO₂ emission for 2021-2023 period
 - Submit updates to the list of aeroplane operators attributed to Switzerland



Phased Implementation: 2021-2023





Phased Implementation: 2021-2023

- In 2021, the State calculate the average CO₂ emission of the aeroplane operator for 2019-2020
- In the pilot phase the State calculates the offsetting requirements attributed to an aeroplane operator both in 2022 (for 2021) and 2023 (for 2022)

Operator's annual emissions

X

Growth Factor

=

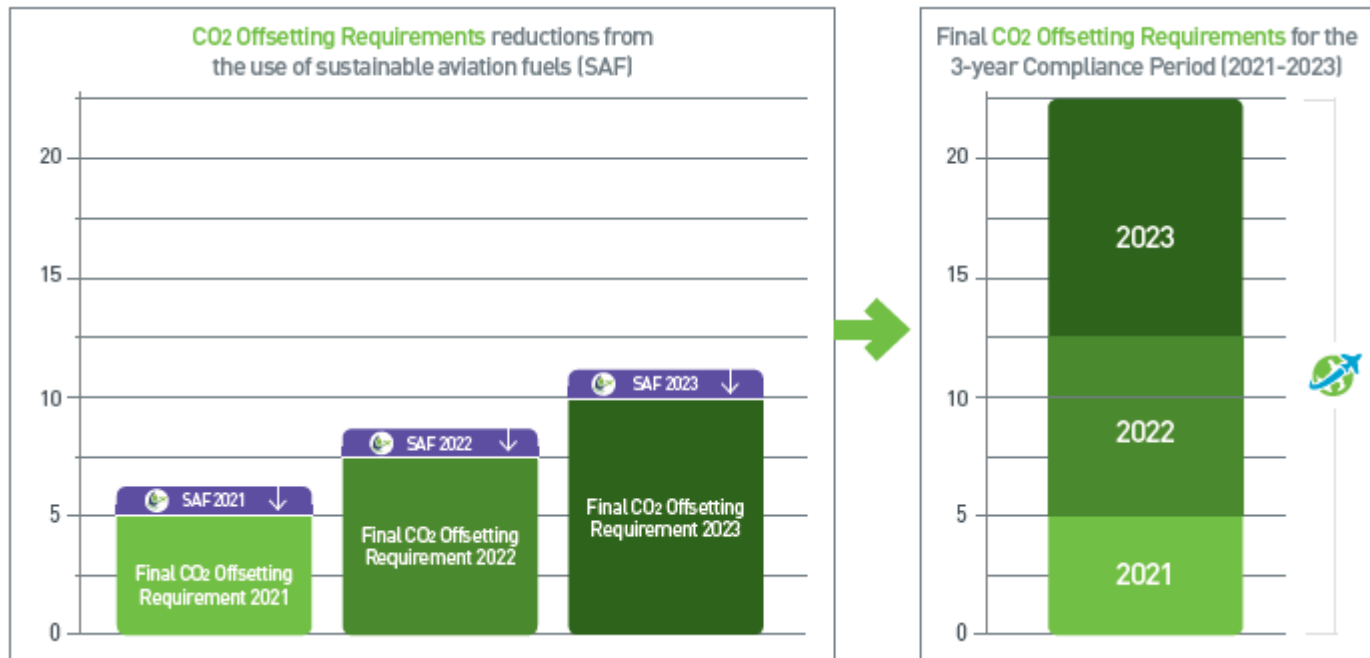
CO₂ offset requirements

- Where the Growth Factor is the percent increase in the amount of emissions from the baseline and is calculated by ICAO



Phased Implementation: 2021-2023

- The operator reports the use of sustainable aviation fuels (SAF) for a 3-year compliance period
- The State accounts for the benefits from the use of SAF and informs the operator of its final CO₂ offsetting requirements for a 3-year compliance period.



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Phased Implementation: 2024-2026

- Beginning of the first phase
- Voluntary offsetting participation
- Same procedure as pilot phase for monitoring of CO₂ Emissions, reporting and verification
- The final offsetting requirements for 2021-2024 compliance period is calculated by State who informs the AO
- The aeroplane operator purchases and cancels eligible emissions units equivalent to its final CO₂ offsetting requirements for this compliance period.
- 2027 starts of the second phase (mandatory phase)



Thank you for your attention

Any questions ?