

# REGIONAL WORKSHOP CORSIA IMPLEMENTATION AFTER ICAO 41st GENERAL ASSEMBLY

**41st ICAO Assembly outcomes on CORSIA: Part 1- Changes to the CORSIA  
Baseline**

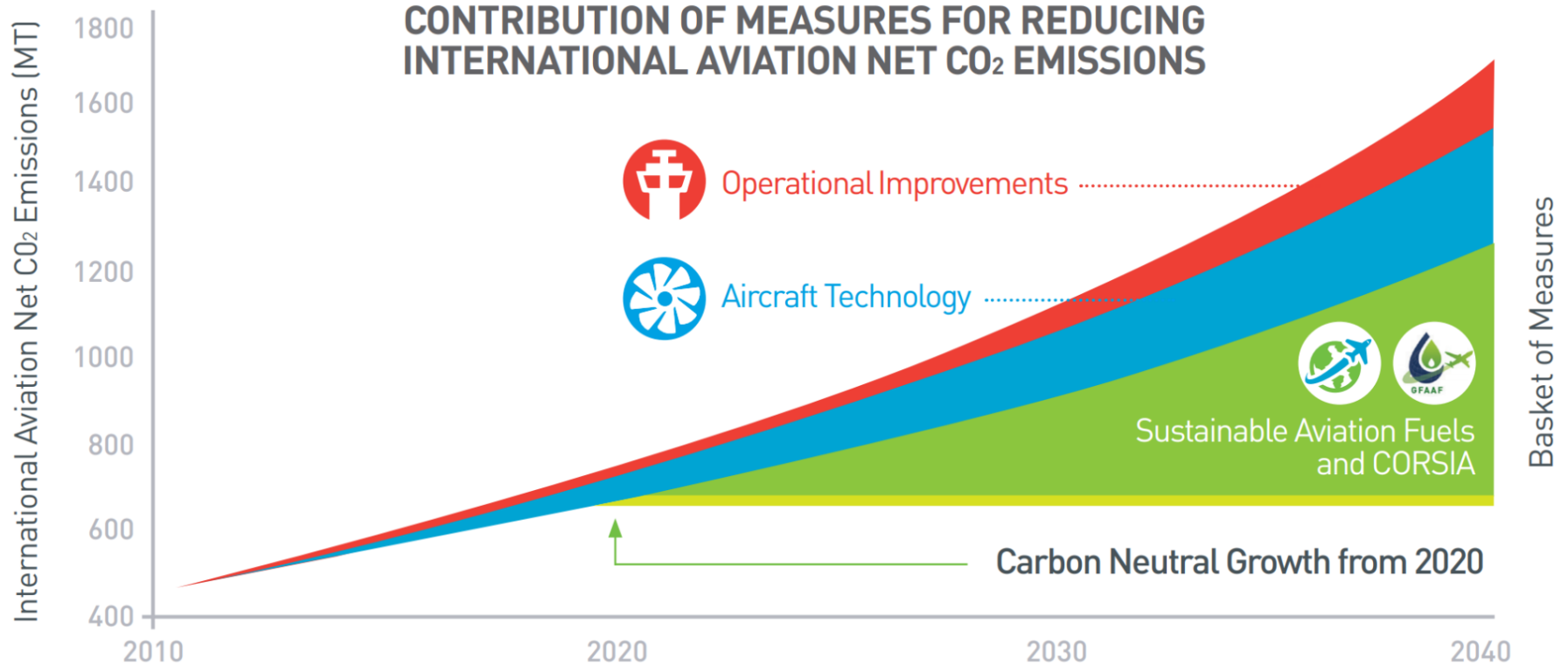
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EU-CORSIA Africa and Caribbean, environmental expert

**Working for quieter and cleaner aviation.**

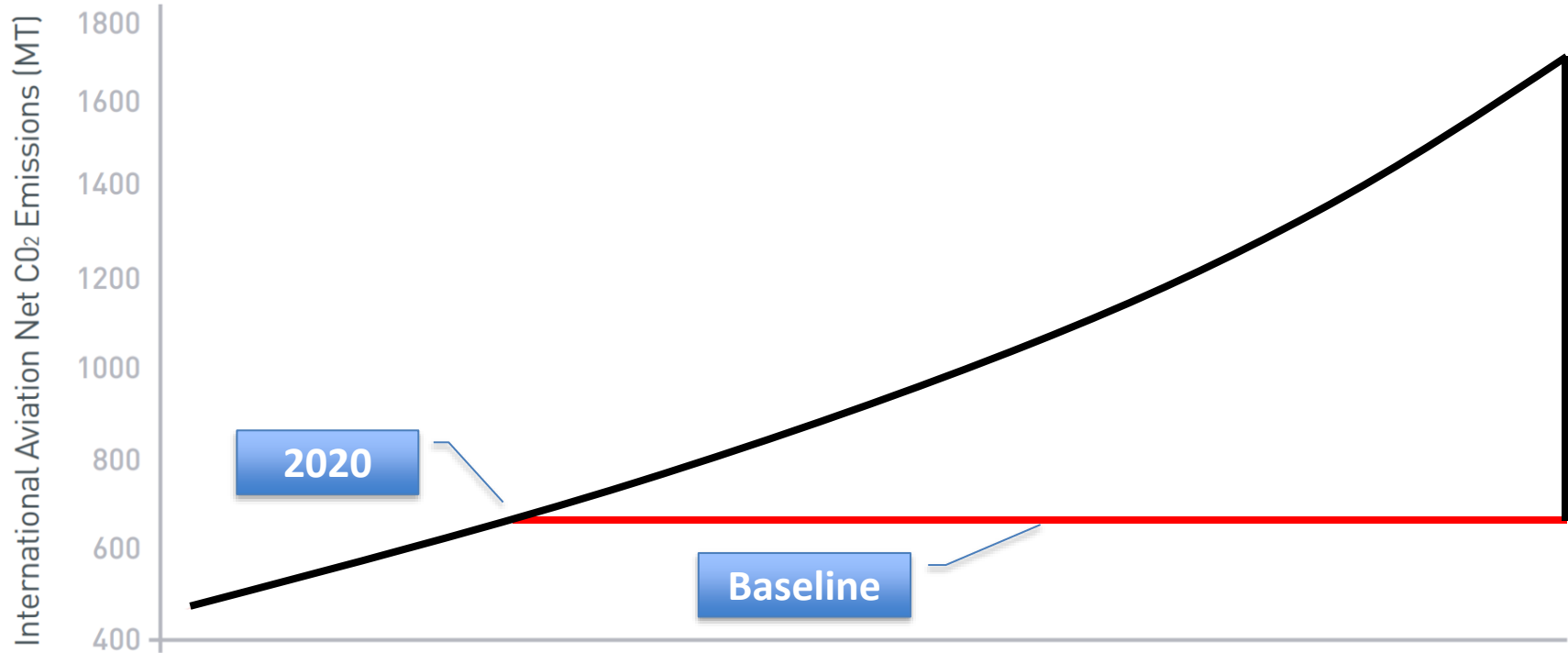
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# What is the CORSIA baseline?

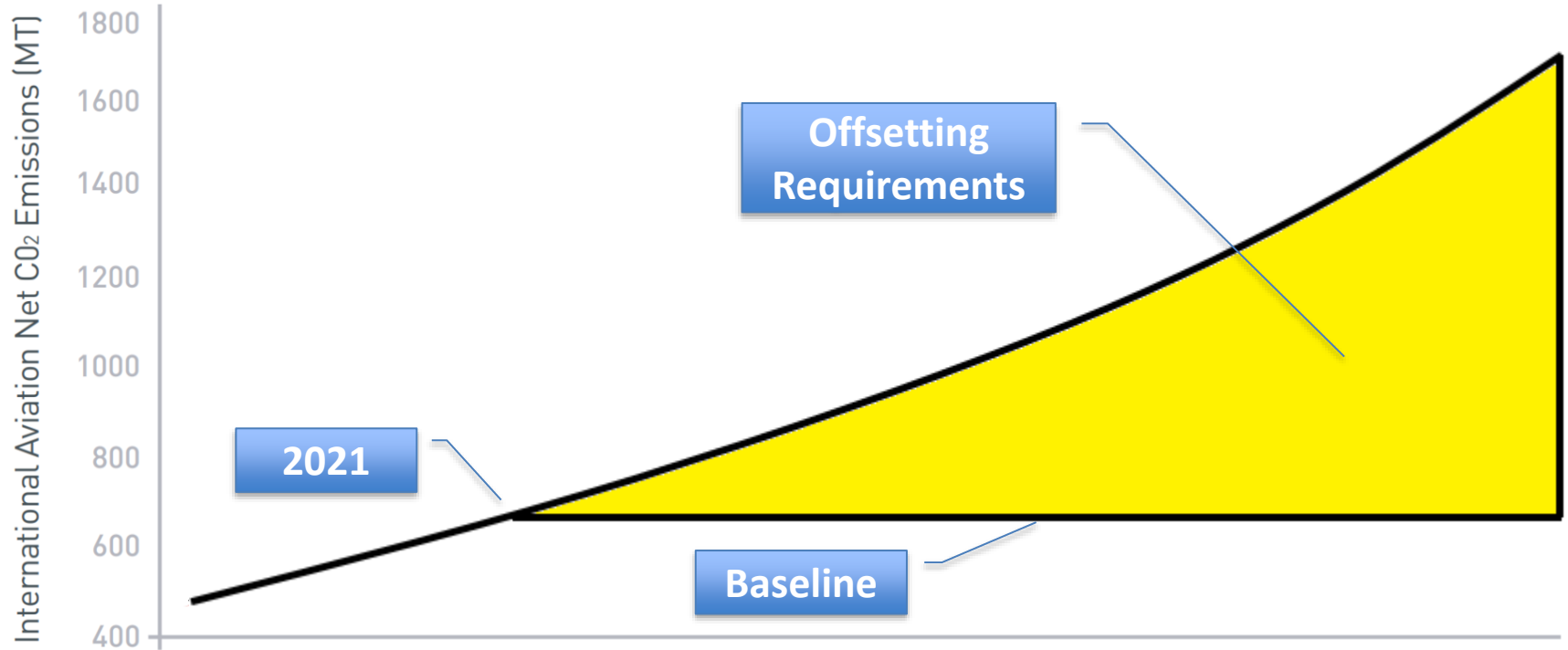
# Introduction



# Introduction



# Introduction



# How to calculate the baseline?

# Baseline calculation

**Fun fact:** the baseline will (potentially) change every year...



But let's understand how this happens.

# Baseline calculation (pre-Covid)

Before Covid, the baseline was supposed to be the average between the 2019 and 2020 emissions.

For example:

- 2019 emissions = 600 MtCO<sub>2</sub>
- 2020 emissions = 700 MtCO<sub>2</sub>
- Baseline was supposed to be  $(600 + 700) / 2 = \mathbf{650 \text{ MtCO}_2}$



# Baseline calculation (post-Covid)

At the 41st ICAO Assembly, the following Baseline approach has been accepted:

- For the Pilot phase (2021-2023): Baseline will be the 2019 emissions
- For the First and Second phase: Baseline will be 85% of the 2019 emissions

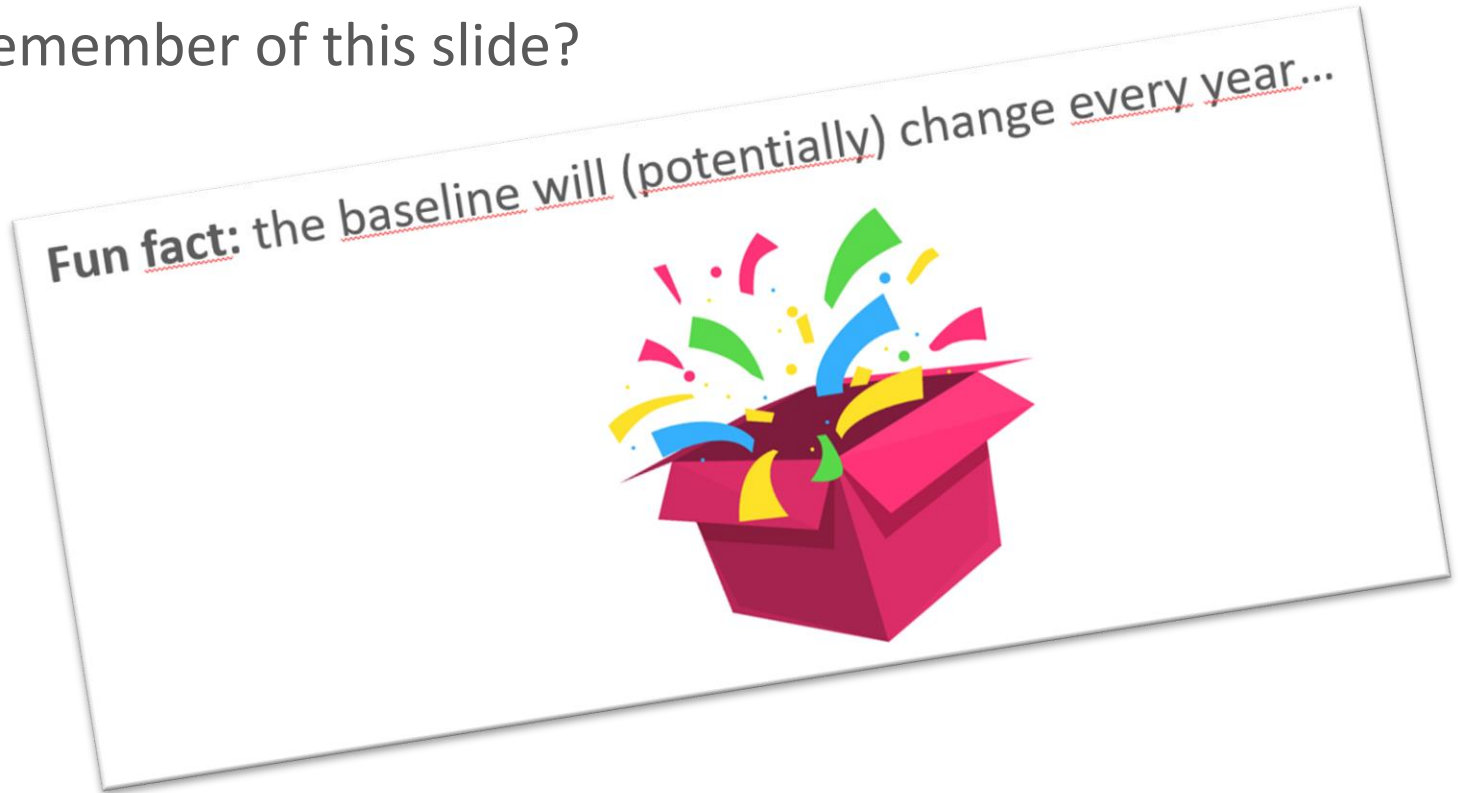
# Baseline calculation (post-Covid)

Here is an example on how to calculate the Baseline:

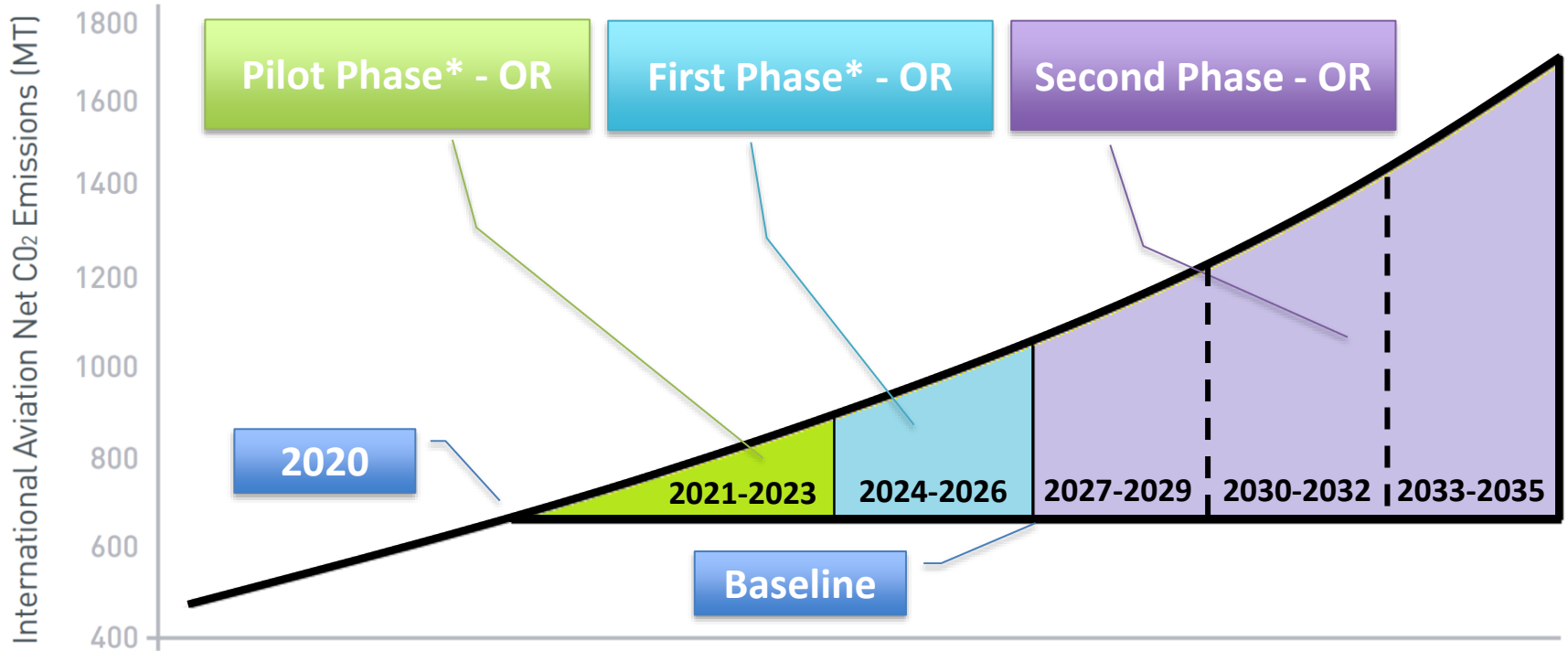
- For the Pilot phase (2021-2023):
  - 2019 emissions = 600 MtCO<sub>2</sub>
  - Baseline = 2019 emissions = **600 MtCO<sub>2</sub>**
- For the First and Second phase (2024-2035):
  - 2019 emissions = 600 MtCO<sub>2</sub>
  - Baseline = 85% of the 2019 emissions = 85% \* 600 MtCO<sub>2</sub> = **510 MtCO<sub>2</sub>**

# Evolution of the Baseline overtime

Do you remember of this slide?



# Evolution of the Baseline overtime



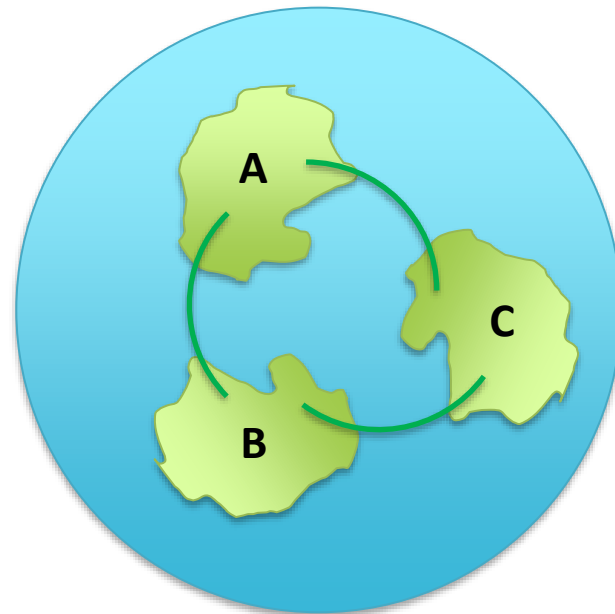
OR: Offsetting Requirement

\*: on a voluntary basis

# Evolution of the Baseline overtime

Here is an example to understand the principle:

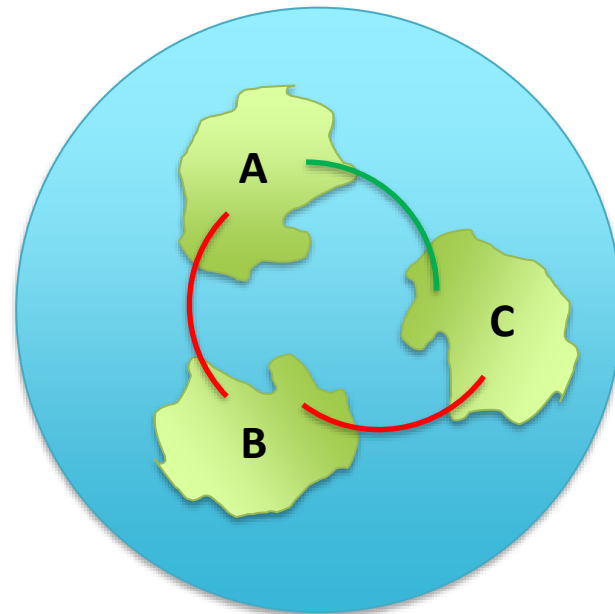
From	To	2019 MtCO2	2022 MtCO2	Route covered?
A	B	100	110	Yes
A	C	100	110	Yes
B	A	100	110	Yes
B	C	100	110	Yes
C	A	100	110	Yes
C	B	100	110	Yes
Total		600	660	100%



# Evolution of the Baseline overtime

Here is an example to understand the principle:

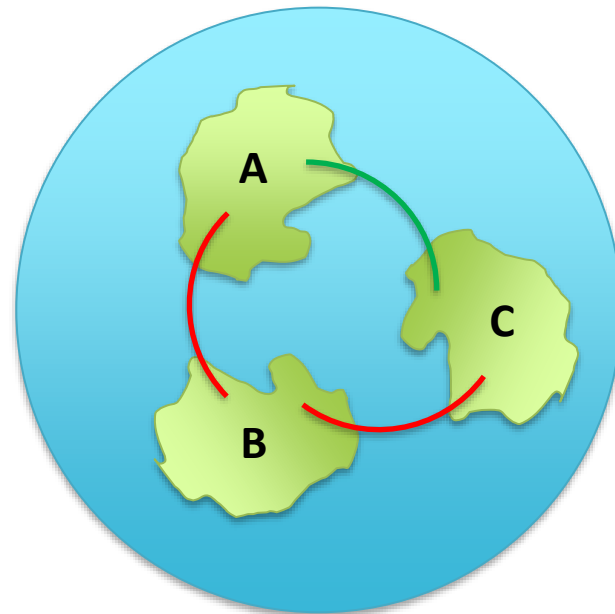
From	To	2019 MtCO2	2022 MtCO2	Route covered?
A	B	100	110	No
A	C	100	110	Yes
B	A	100	110	No
B	C	100	110	No
C	A	100	110	Yes
C	B	100	110	No
Total		200	220	100%



# Evolution of the Baseline overtime

Here is an example to understand the principle:

From	To	2019 MtCO2	2025 MtCO2	Route covered?
A	B	85% * 100 = 85	110	No
A	C	85% * 100 = 85	110	Yes
B	A	85% * 100 = 85	110	No
B	C	85% * 100 = 85	110	No
C	A	85% * 100 = 85	110	Yes
C	B	85% * 100 = 85	110	No
Total		170	220	100%



# Summary and conclusion

**Baseline for the Pilot Phase:** 2019 emissions subject to offsetting requirement (i.e., all emissions covered between two volunteered States).

**Baseline for the First and Second phase:** 85% of the 2019 emissions subject to offsetting requirement.

**Next step:** The changes to the percentage of sectoral and individual operator's growth factor for the calculation of the offsetting requirement



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