



# Introduction (Part 1)

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- a) Objectives of the Seminar
- b) 39th ICAO Assembly and CORSIA
- c) Overview of the 2017 ICAO Regional Seminars on CORSIA
- d) ICAO States' Action Plans Initiative
- e) Overview of the CORSIA

## a) Objectives of the Seminar

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- Share information on CORSIA's design elements and implementation aspects, as well as on the outcome and lessons learned from regional seminars held from 27 March to 20 April 2017
- Serve as an opportunity for States that could not participate in the regional seminars to share their current readiness to implement CORSIA and conduct an assessment of related assistance needs

- CORSIA and Resolution A39-3 (Part 1) - Presentation/ Exercise/ Feedback
- CORSIA and Resolution A39-3 (Part 2) - Presentation/ Exercise/ Feedback
- Monitoring, Reporting, Verification (MRV) System - Presentation/ Exercise/ Feedback
- Emissions Units and Registries - Presentation/ Exercise/ Feedback
- Roundtable 1:  
Key Highlights and Lessons Learned from the Regional Seminars
- CORSIA Implementation - Presentation/ Feedback
- Roundtable 2:  
Key Takeaways, Needs for Capacity Building, Assistance for CORSIA Implementation
- Summary and Closing Remarks



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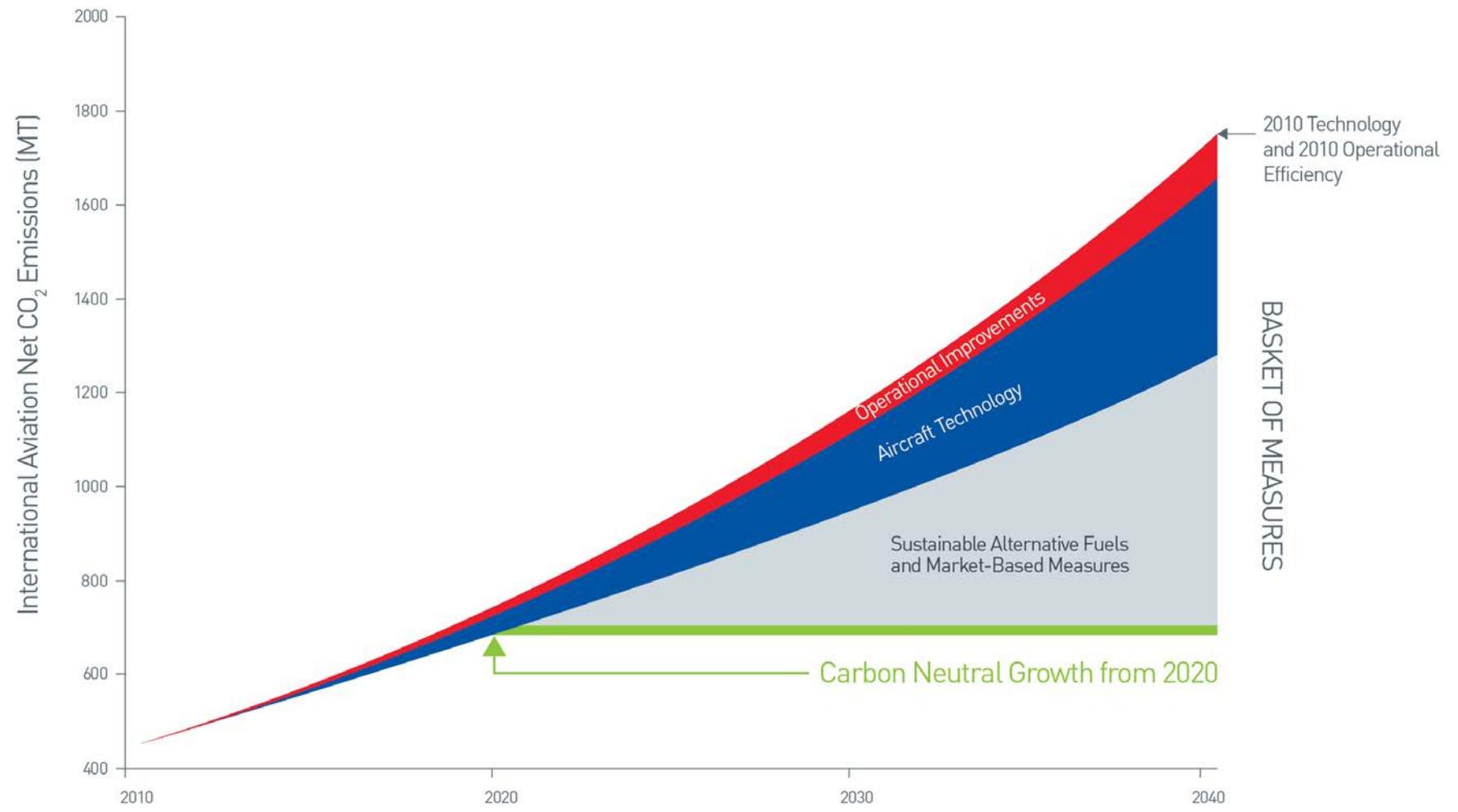
e) Overview of the CORSIA

- The 39th Session of the ICAO Assembly reached a historic agreement:
  - Acknowledged progress in all elements of the basket of measures (i.e. aircraft technology and Standards, operational improvements, sustainable alternative fuels, and global MBM)
  - Carbon Offsetting and Reduction Scheme for International Aviation (CORSA)
- 3 Assembly Resolutions adopted:
  - Resolution A39-1: Consolidated Statement of continuing ICAO policies and practices related to environmental protection – General provisions, noise and local air quality
  - Resolution A39-2: Consolidated statement of continuing ICAO policies and practices related to environmental protection – Climate change
  - **Resolution A39-3: Consolidated statement of continuing ICAO policies and practices related to environmental protection – Global Market-based Measure (MBM) scheme *NEW!***

# Resolution A39-3: Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)

**CORSIA addresses the remaining "emissions gap" to achieve CNG2020**

Contribution of Measures for Reducing International Aviation Net CO<sub>2</sub> Emissions



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## 2017 ICAO Regional Seminars on States' Action Plans and CORSIA

- 27 to 30 March: Rio de Janeiro, Brazil
- 3 to 6 April: Bonn, Germany
- 10 to 13 April: Jakarta, Indonesia
- 10 to 13 April: Nairobi, Kenya
- 18 to 20 April: Cairo, Egypt



- To share information on CORSIA design elements and implementation aspects, including the work being undertaken on the development of SARPs and guidance material for CORSIA implementation
- To provide an opportunity for States to share their existing readiness to implement CORSIA and conduct an assessment of assistance needs:
  - State participants to the ICAO Regional Seminars were encouraged to answer a questionnaire related to the implementation of CORSIA prior to the seminar
  - Responses to this questionnaire were used to assess the levels of States' experience and readiness in the MRV of aviation CO<sub>2</sub> emissions, and better plan the ICAO's capacity building and assistance to States for the CORSIA implementation



2017 ICAO Regional Seminar in Rio de Janeiro

The 2017 CORSIA Regional Seminars were conducted in a format to facilitate the understanding of CORSIA and to encourage the engagement of participants in the discussion on the CORSIA's design elements and implementation aspects:

1. Step-by-Step presentations to bring all participants to a common level of understanding on CORSIA (6 Secretariat presentations plus Q&A)
2. Interactive exercises in small groups (4 exercises in small groups, to be moderated by facilitators)
3. Feedback from small groups (4 rounds of feedback from small groups)



2017 ICAO Regional Seminar in Bonn



2017 ICAO Regional Seminar in Jakarta

1. Objectives of the Seminar and Overview of CORSIA
2. CORSIA and Resolution A39-3 (Part 1)
  - *Small group exercise 1:*  
Participation and emissions coverage in CORSIA
3. CORSIA and Resolution A39-3 (Part 2)
  - *Small group exercise 2:*  
*Calculation and distribution of offsetting requirements in CORSIA*
4. CORSIA MRV System
  - *Small group exercise 3:*  
*Development of CO<sub>2</sub> emissions report*
5. Emissions Units and Registries
  - *Small group exercise 4:*  
*Flow of CO<sub>2</sub> emissions data and emissions units under CORSIA*
6. Capacity Building and Next Steps
7. Closing Remarks



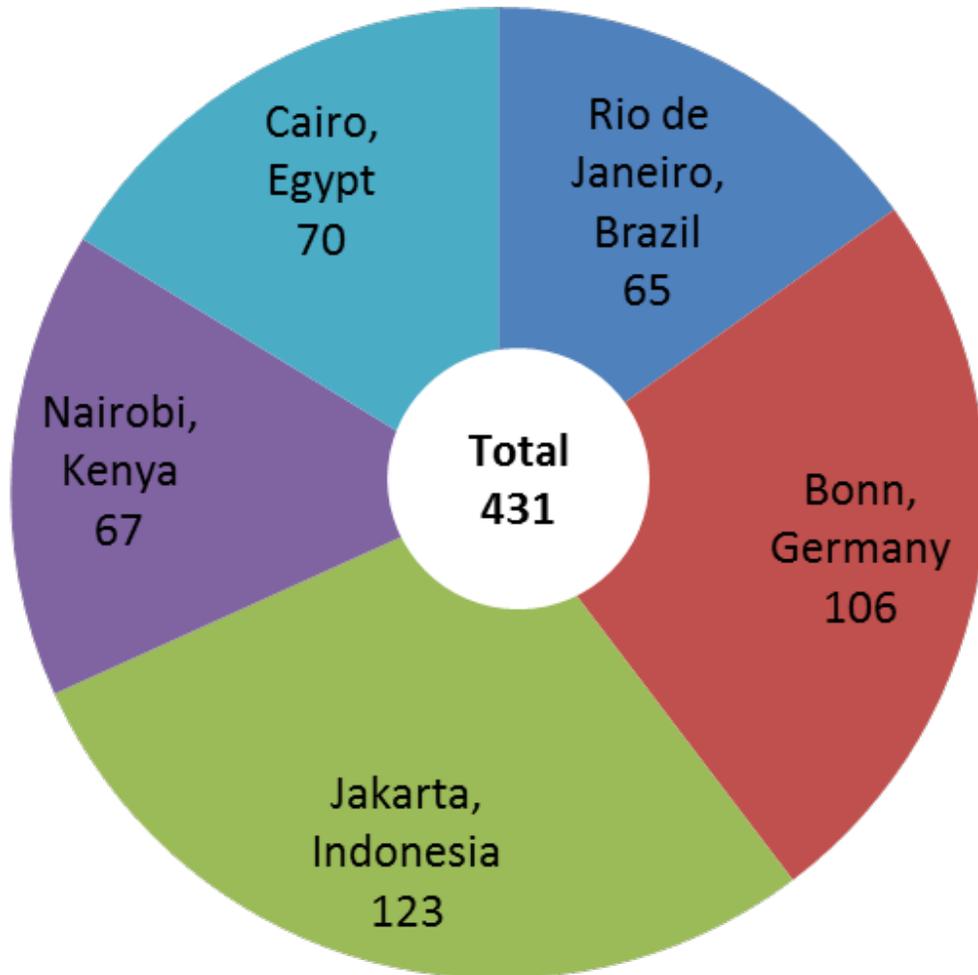
2017 ICAO Regional Seminar in Nairobi



2017 ICAO Regional Seminar in Cairo

# Participation in 2017 ICAO Regional Seminars

## Total Participation in Regional Seminars 2017

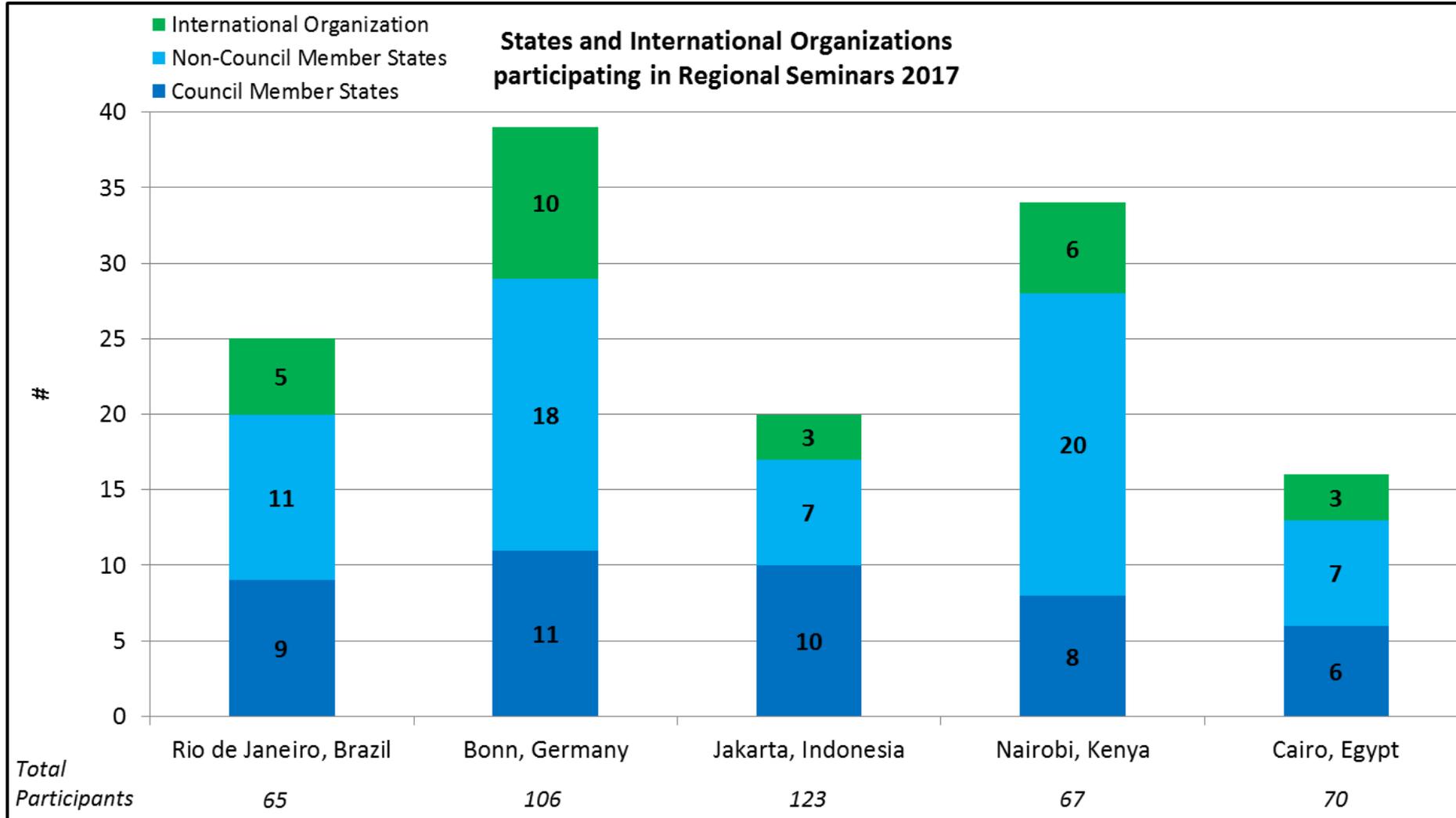


- **431 total participants** in five 2017 ICAO Regional Seminars (411 individual participants including 19 persons who attended multiple seminars)
- **92 States** participated (31 Council States plus 61 Non-Council States)
- **16 International Organizations** participated
- Participating States in 2017 ICAO Regional Seminars represent over **94.8% of total international RTK (2015)**



# Participation in 2017 ICAO Regional Seminars

In total, **431 participants** from **92 States** and **16 International Organizations** participated in the 2017 ICAO Regional Seminars



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# THANK YOU

More information on the CORSIA:

- ICAO web site <http://www.icao.int/env>
  - CORSIA Video
  - CORSIA FAQs
  - CORSIA voluntary participation
  - Environment Report 2016

