



6. Capacity Building Needs and Next Steps

ICAO Secretariat



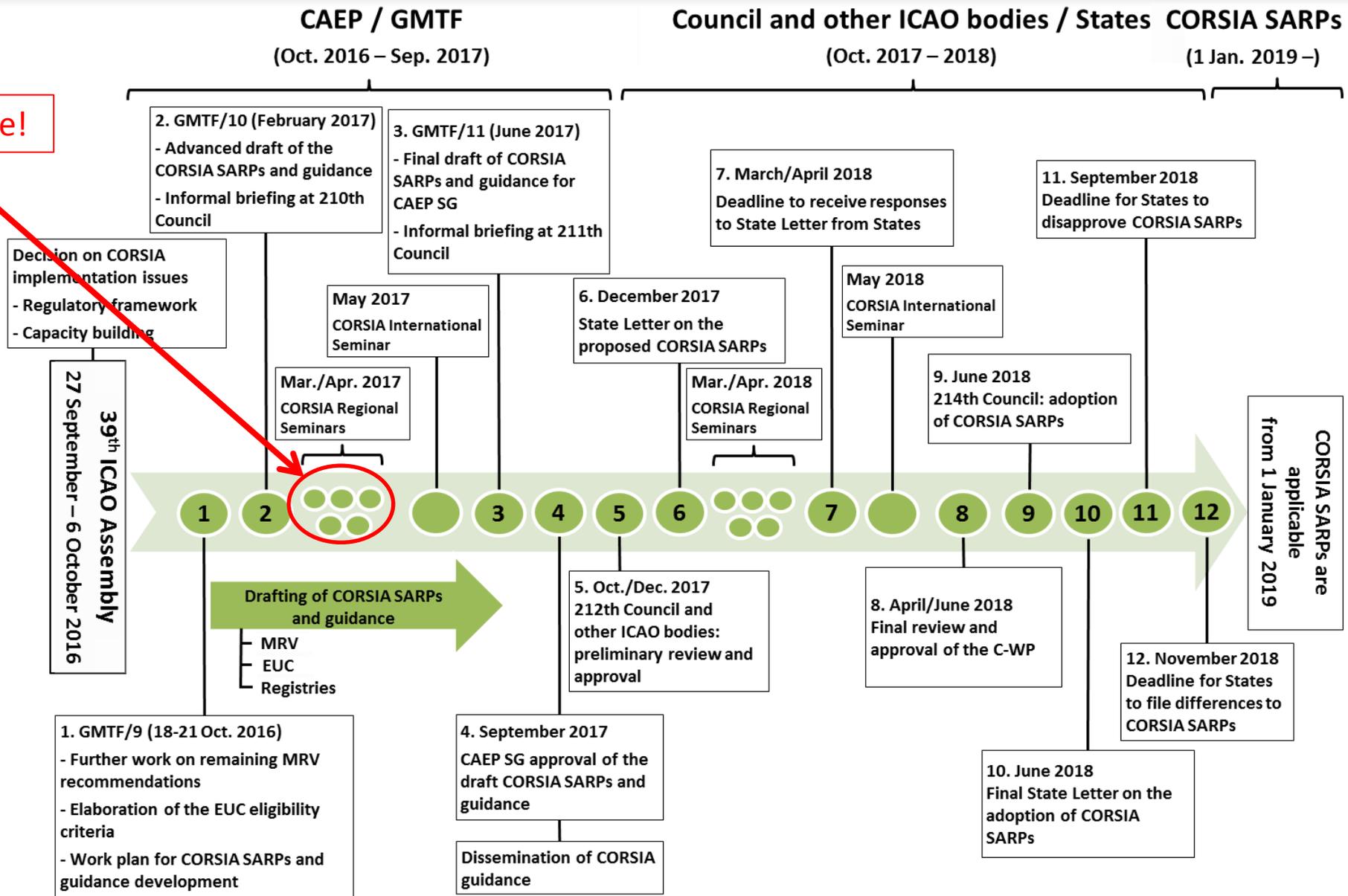


- a) Timeline for CORSIA Implementation
- b) Assessing States' Current Readiness and Identifying Assistance Needs
- c) Planned Assistance and Capacity Building Activities



CORSIA SARP and Guidance Development Timeline

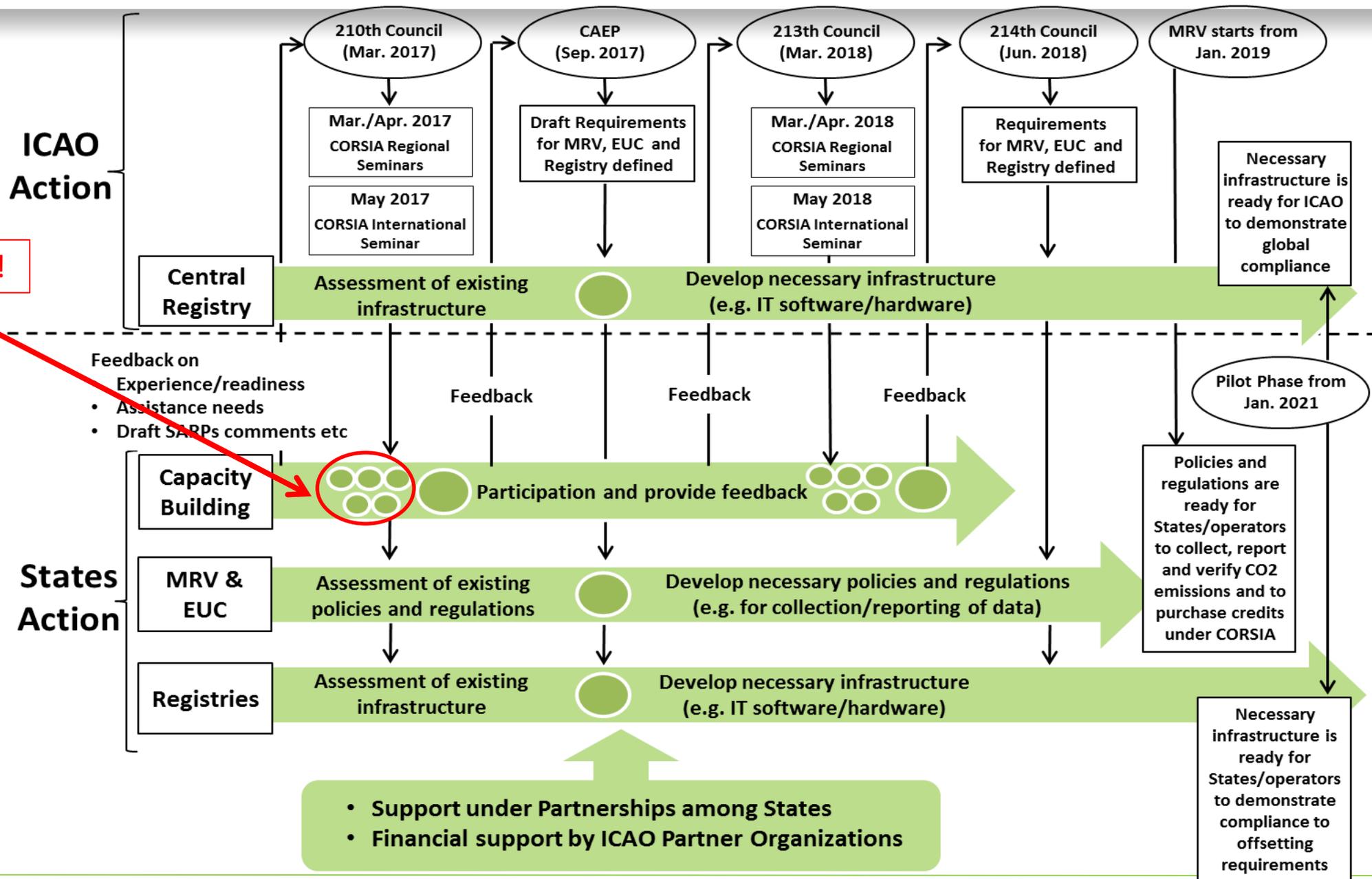
We are here!





CORSIA Capacity Building and Assistance Timeline

We are here!





a) Timeline for CORSIA Implementation

b) Assessing States' Current Readiness and Identifying Assistance Needs

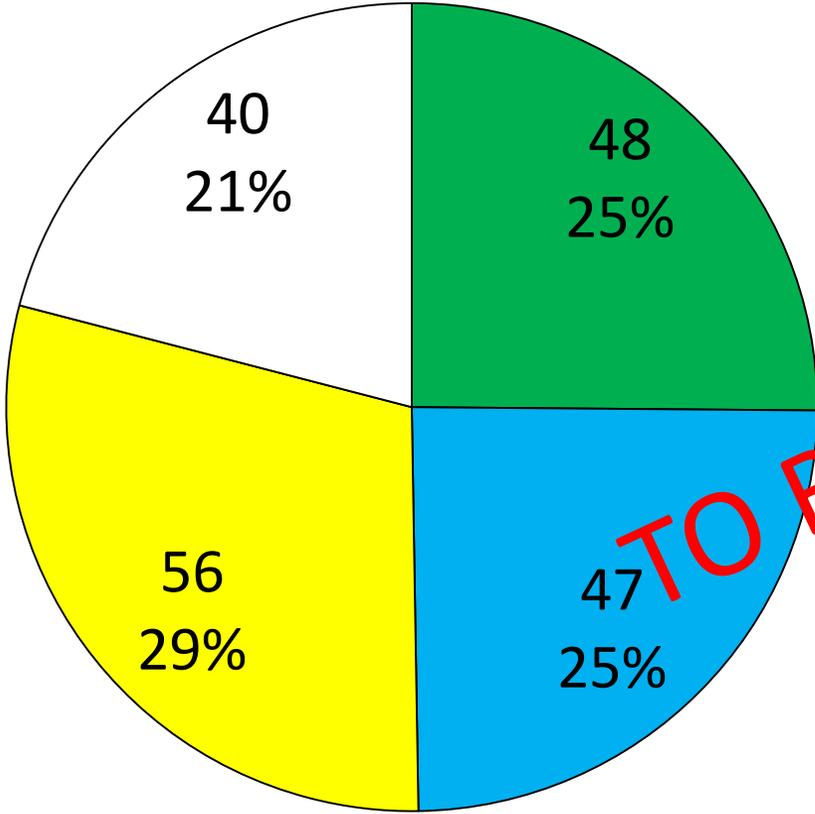
c) Planned Assistance and Capacity Building Activities



191 States

All ICAO Member States

Current data as of March 1, 2017, and will be updated based on inputs during seminars



- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

Legend

	State with Aircraft Operators conducting international flights, that has MRV
	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
	State without Aircraft Operators conducting international flights

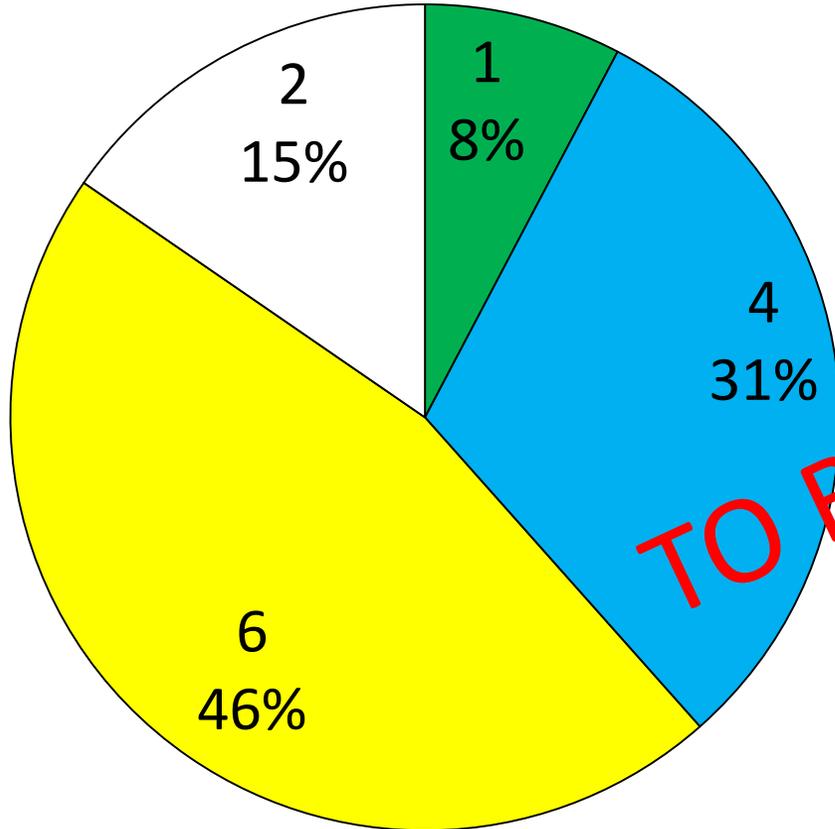
Count	%
48	25%
47	25%
56	29%
40	21%
191	100%



13 States

South America

Current data as of March 1, 2017, and will be updated based on inputs during seminars



TO BE UPDATED

- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

Legend

■	State with Aircraft Operators conducting international flights, that has MRV
■	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
■	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
□	State without Aircraft Operators conducting international flights

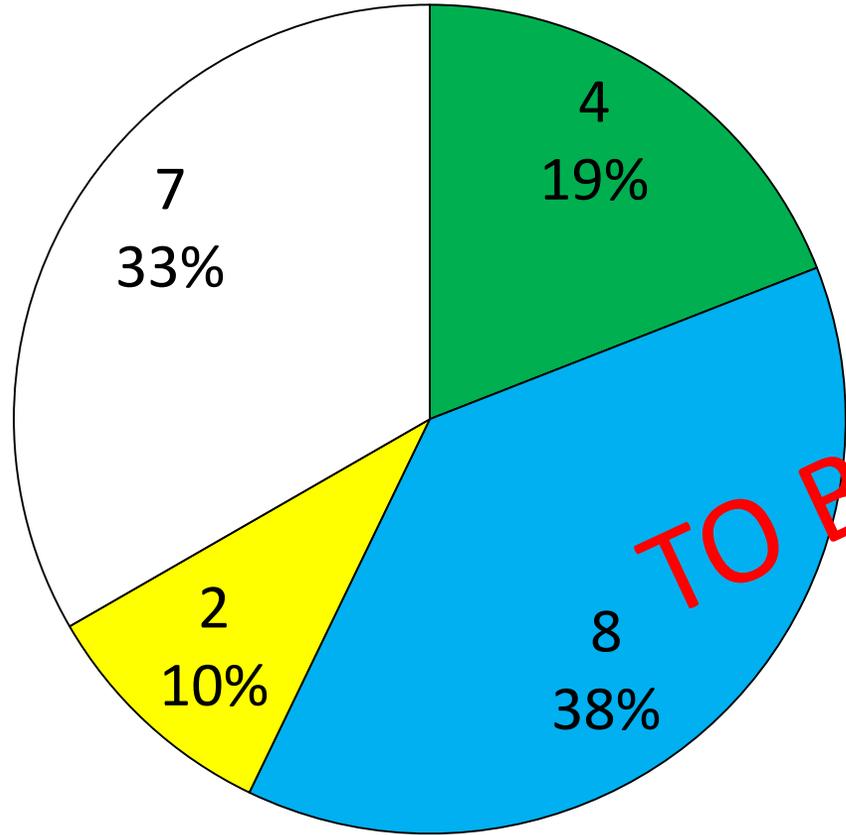
Count	%
1	8%
4	31%
6	46%
2	15%
13	100%



21 States

North America / Central America / Caribbean

Current data as of March 1, 2017, and will be updated based on inputs during seminars



- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

TO BE UPDATED

Legend

	State with Aircraft Operators conducting international flights, that has MRV
	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
	State without Aircraft Operators conducting international flights

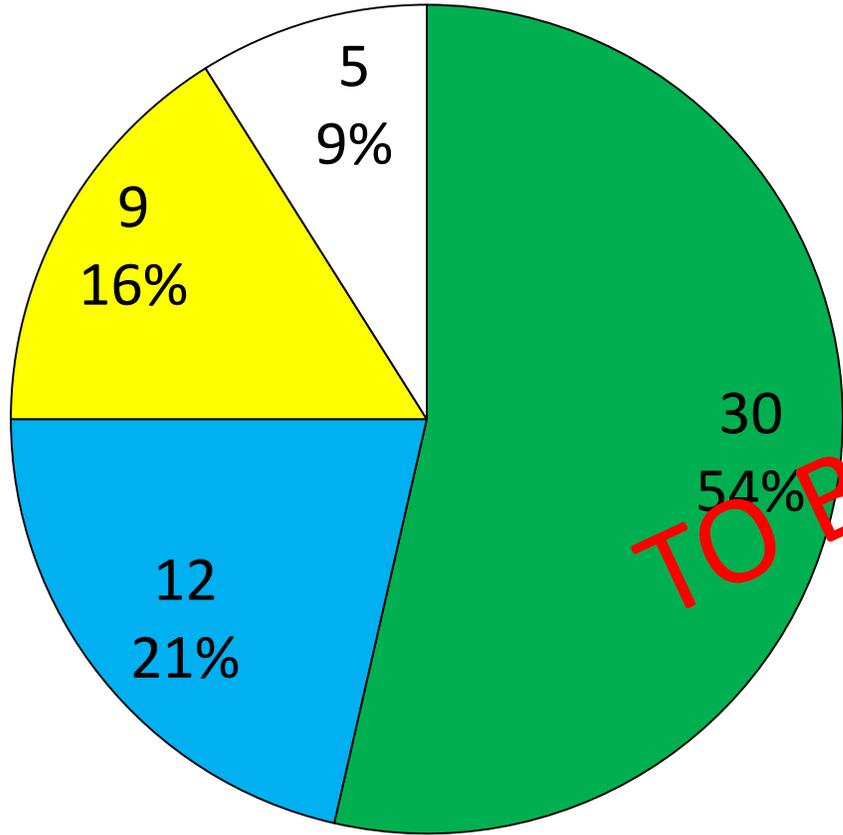
Count	%
4	19%
8	38%
2	10%
7	33%
21	100%



56 States

Europe / North Atlantic

Current data as of March 1, 2017, and will be updated based on inputs during seminars



- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

TO BE UPDATED

Legend

	State with Aircraft Operators conducting international flights, that has MRV
	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
	State without Aircraft Operators conducting international flights

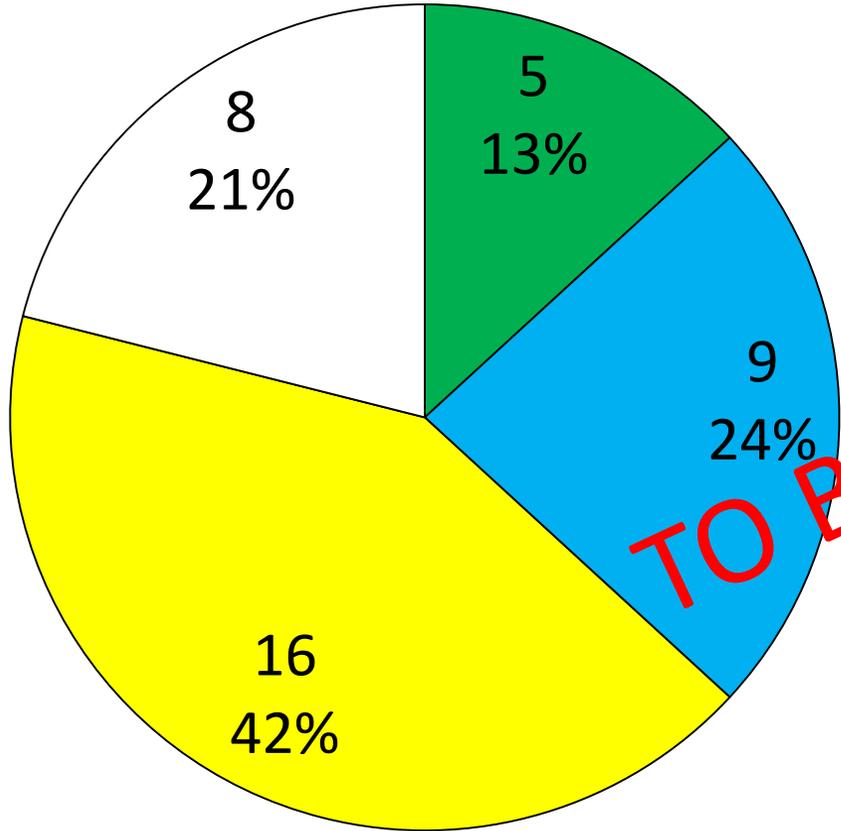
Count	%
30	54%
12	21%
9	16%
5	9%
56	100%



38 States

Asia and Pacific

Current data as of March 1, 2017, and will be updated based on inputs during seminars



TO BE UPDATED

- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

Legend

■	State with Aircraft Operators conducting international flights, that has MRV
■	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
■	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
□	State without Aircraft Operators conducting international flights

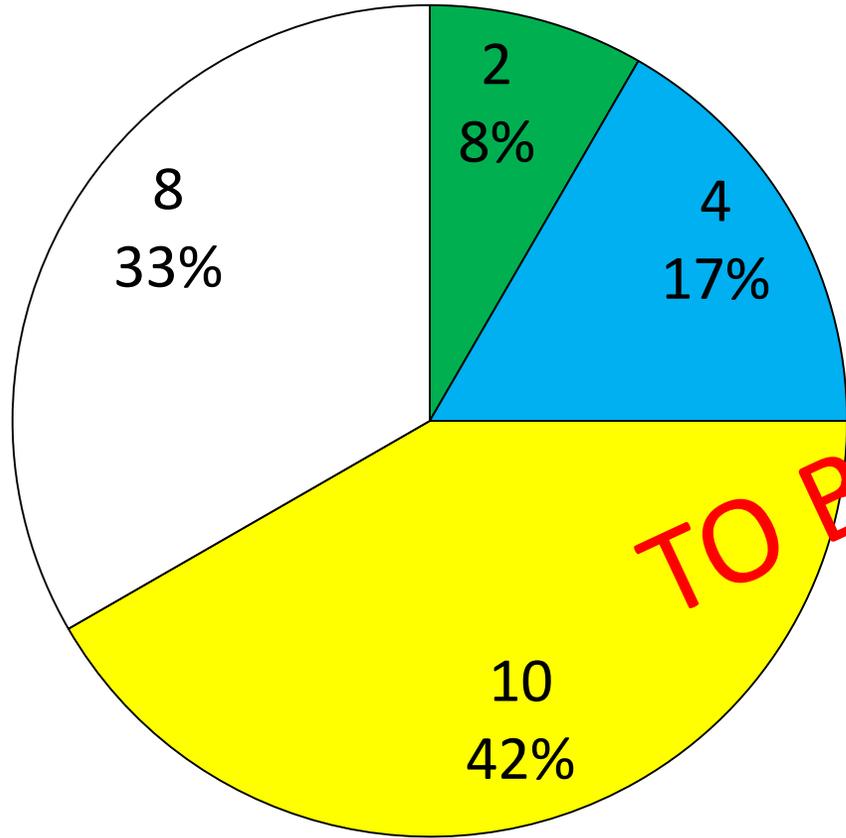
Count	%
5	13%
9	24%
16	42%
8	21%
38	100%



24 States

Eastern and Southern Africa

Current data as of March 1, 2017, and will be updated based on inputs during seminars



- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

TO BE UPDATED

Legend

	State with Aircraft Operators conducting international flights, that has MRV
	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
	State without Aircraft Operators conducting international flights

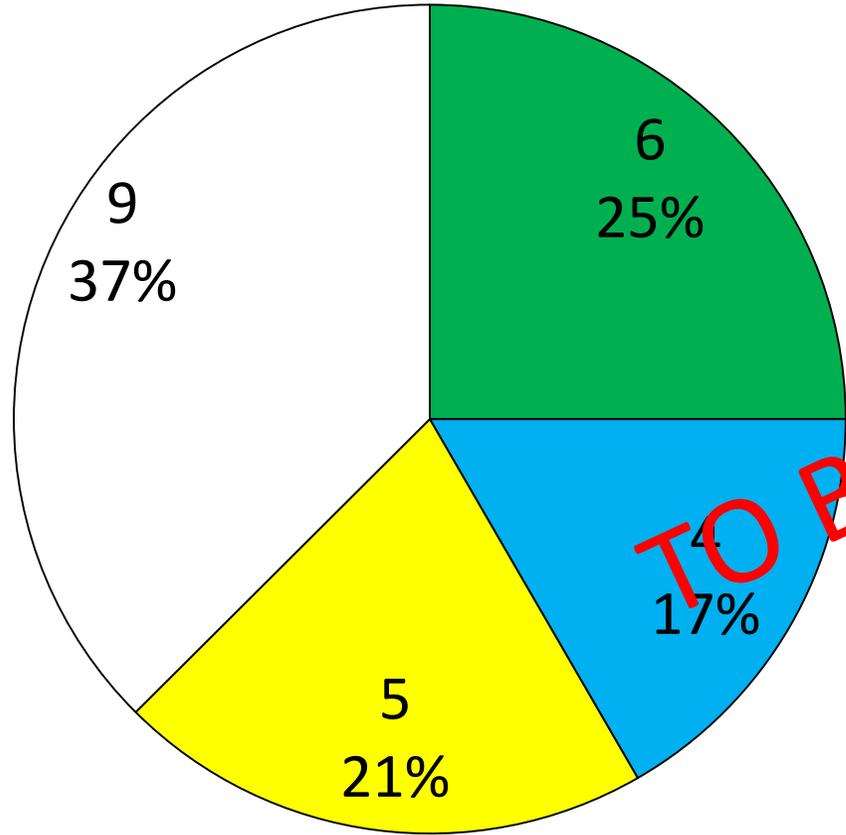
Count	%
2	8%
4	17%
10	42%
8	33%
24	100%



24 States

Western and Central Africa

Current data as of March 1, 2017, and will be updated based on inputs during seminars



- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

TO BE UPDATED

Legend

	State with Aircraft Operators conducting international flights, that has MRV
	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
	State without Aircraft Operators conducting international flights

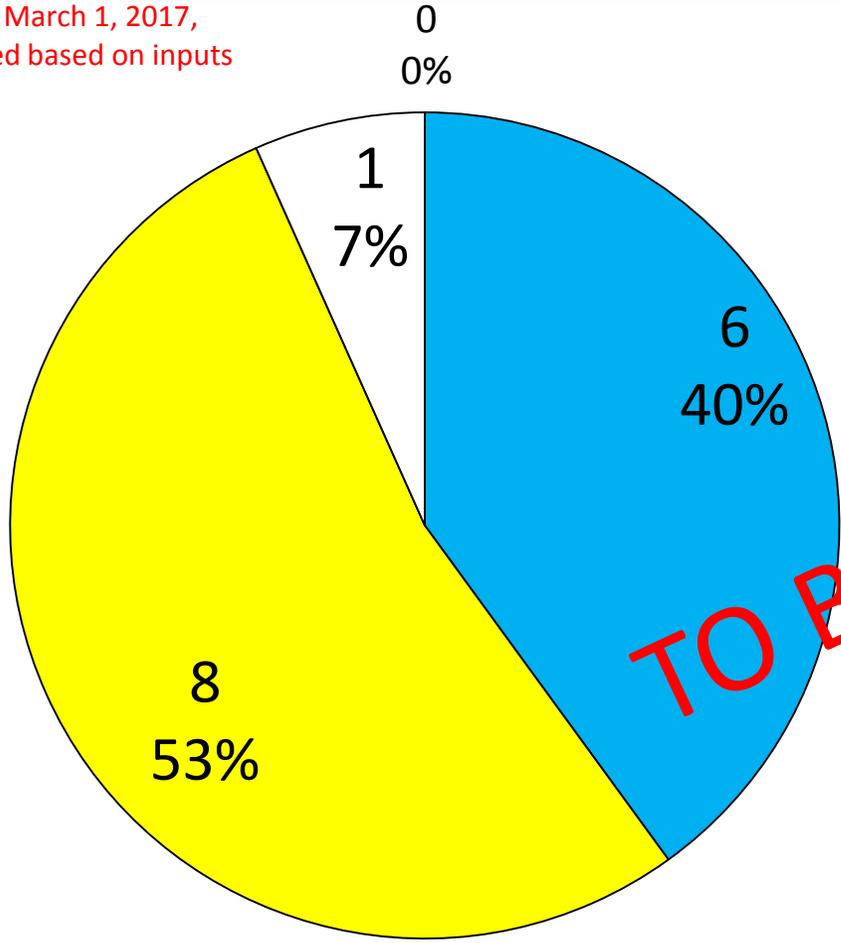
Count	%
6	25%
4	17%
5	21%
9	38%
24	100%



15 States

Middle East

Current data as of March 1, 2017, and will be updated based on inputs during seminars



- State with Aircraft Operators conducting international flights, that has MRV
- State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
- State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
- State without Aircraft Operators conducting international flights

Legend

	State with Aircraft Operators conducting international flights, that has MRV
	State with Aircraft Operators conducting international flights, that has a State Action Plan but no MRV
	State with Aircraft Operators conducting international flights, that has no State Action Plan and no MRV
	State without Aircraft Operators conducting international flights

Count	%
0	0%
6	40%
8	53%
1	7%
15	100%



a) Timeline for CORSIA Implementation



b) Assessing States' Current Readiness and Identifying Assistance Needs

c) Planned Assistance and Capacity Building Activities

- 2017 CORSIA Regional Seminars (27 March to 20 April 2017, five different venues)
 - Share information on CORSIA's design elements and implementation aspects
 - Assess existing readiness to implement CORSIA
- 2017 CORSIA International Seminar (10 to 11 May 2017, Montréal, Canada)
 - Share information on CORSIA's design elements and implementation aspects
 - Provide outcomes and lessons learned from the series of regional seminars
 - Serve as an opportunity for States that could not participate in the regional seminars
- Additional capacity building and assistance activities
 - Development of training kits / brochures / practical guidelines/manuals
 - Coordination with State Action Plan initiative, for necessary adjustments on MRV

- Partnerships
 - Potential ICAO partnership with The World Bank
 - Potential ICAO partnership with Germany on MRV small scale pilot implementation
 - Member States are encouraged to build partnerships to cooperate on CORSIA implementation (e.g. MRV support / group registries)
- 2018 Regional Seminars (March-April 2018, five different venues)
 - Full familiarization with CORSIA SARPs and guidance
 - Support for the development of national regulatory framework
 - Support for the establishment of necessary infrastructure (e.g. IT hardware/software)

-  a) Timeline for CORSIA Implementation
-  b) Assessing States' Current Readiness and Identifying Assistance Needs
-  c) Planned Assistance and Capacity Building Activities

- ✓ 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 CO₂ emissions report*
- ✓ 5. Emissions Units and Registries
 - *Small group exercise 4: Flow of CO₂ emissions data and emissions units under CORSIA*
- ✓ 6. Capacity Building and Next Steps
7. Closing Remarks



QUESTIONS ?



THANK YOU

More information on the CORSIA:

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

