Regional Data Collection, Analysis and Information Sharing Status Report

Presented to APRAST/8
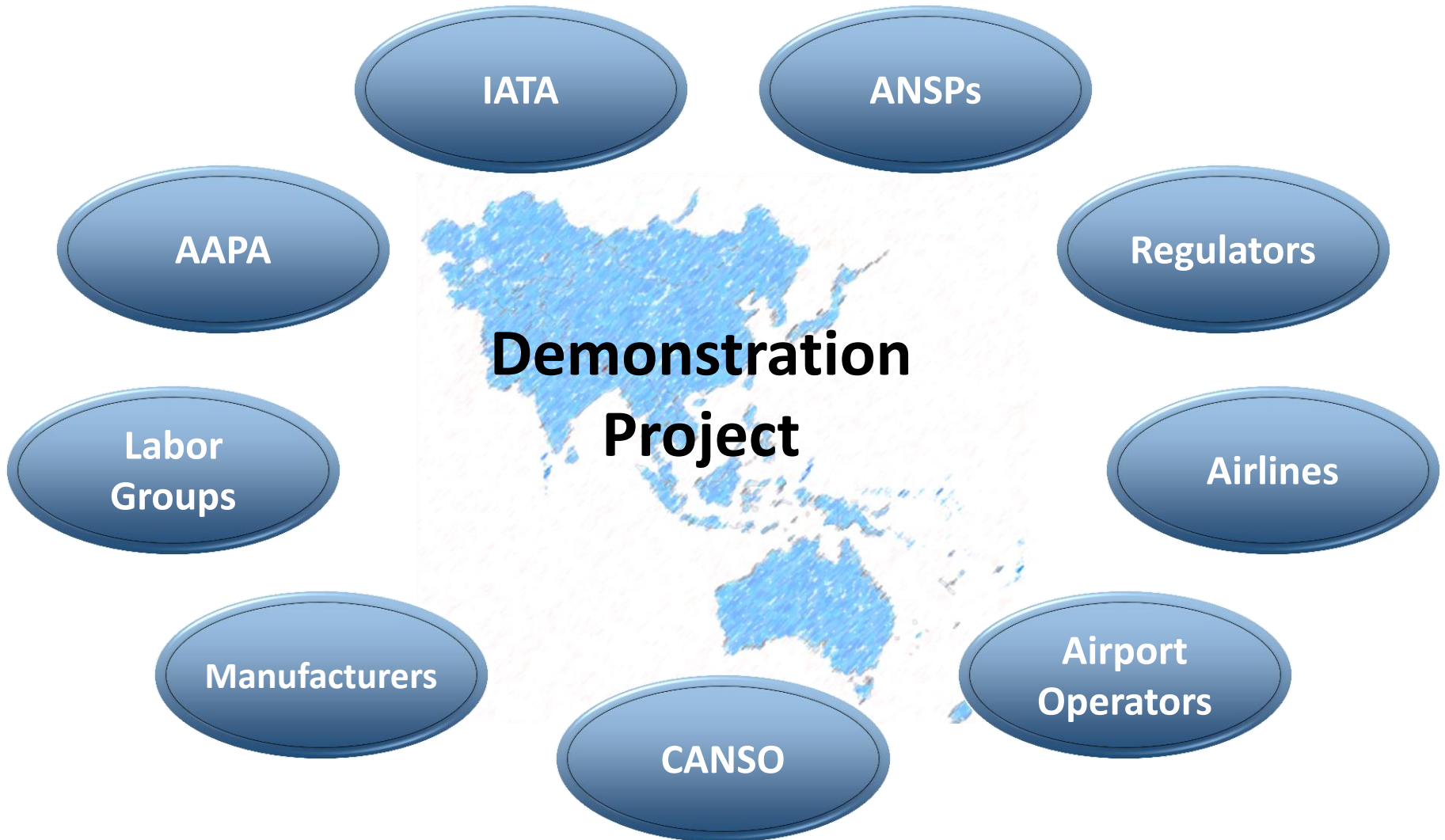
29 March 2016

Flight Safety Foundation

The MITRE Corporation
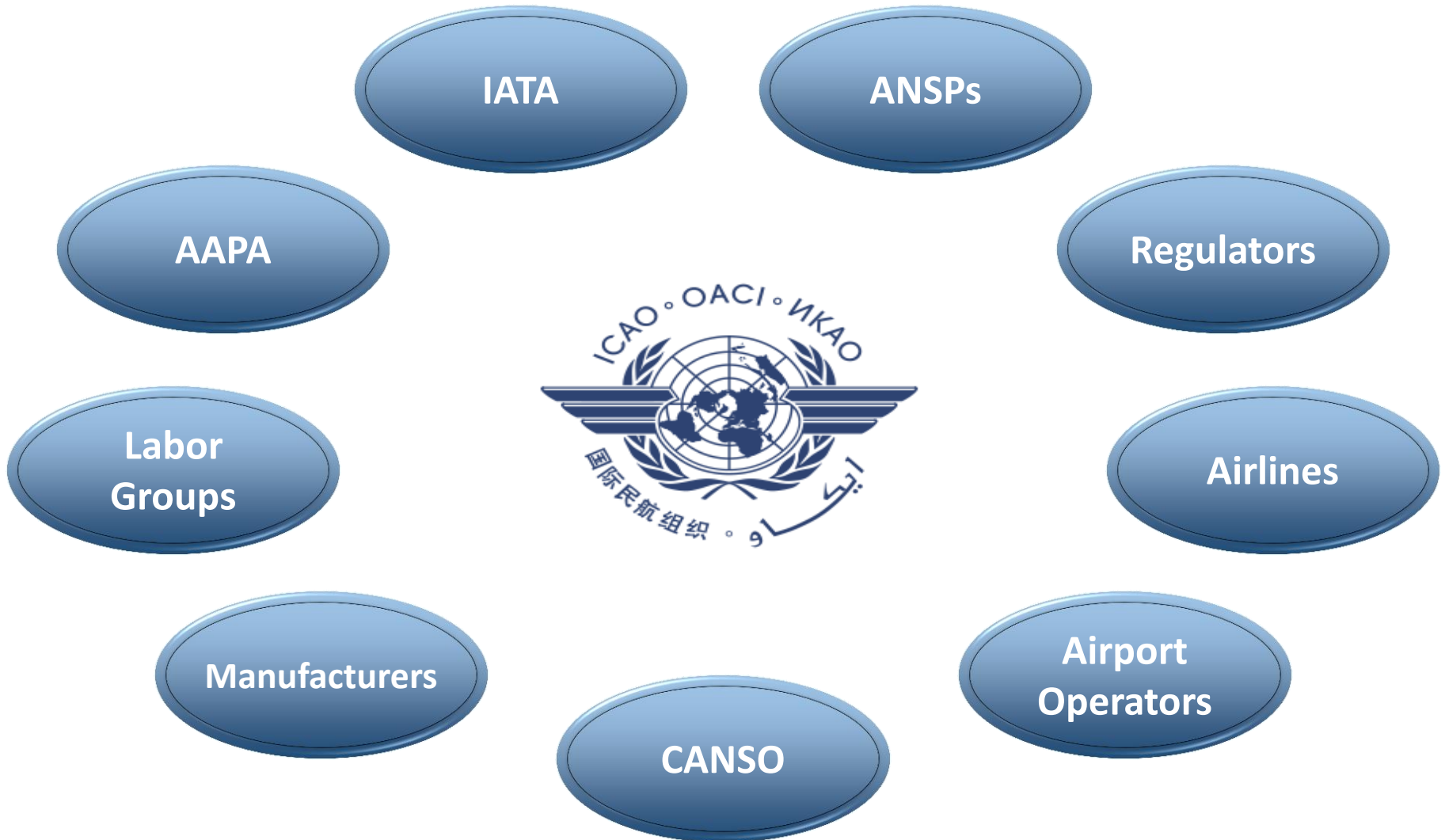
Japan

Singapore

Asia Pacific Aviation Safety Information Sharing Demonstration Project

IATA

ANSPs

AAPA

Regulators

Demonstration Project

Labor Groups

Airlines

Manufacturers

Airport Operators

CANSO

Asia Pacific Aviation Safety Information Sharing Demonstration Project

Goals of the Demonstration Project

- **Develop governance structure and processes to protect data and results**

- **Demonstrate improvements in identifying safety issues and contributing factors, leading to targeted and effective mitigations**

Past ICAO Activities Leading to Demonstration Project

April 2014	**APRAST/4 supported Feasibility Study**
September 2014	**APRAST/5 supported Demonstration Project**
November 2014	**RASG/4 supported Demonstration Project**
December 2014	**Workshop in Singapore**
May 2015	**ICAO Secretariat distributed Governance Plan 3.0 to Director Generals**
September 2015	**Webinar on comments on Governance Plan 3.0**
October 2015	**Governance Plan Version 4.0 distributed**
December 2015	**Final comments on Governance Plan 4.0**
January 2016	**Governance Plan 5.0 prepared**

Timeline for Demonstration Project

2014-2016

Regional Consultation and Governance Development

April – November 2016

Review of Governance Plan 5.0 by APRAST and RASG

Target November 2016

Expected Launch of Demonstration Project
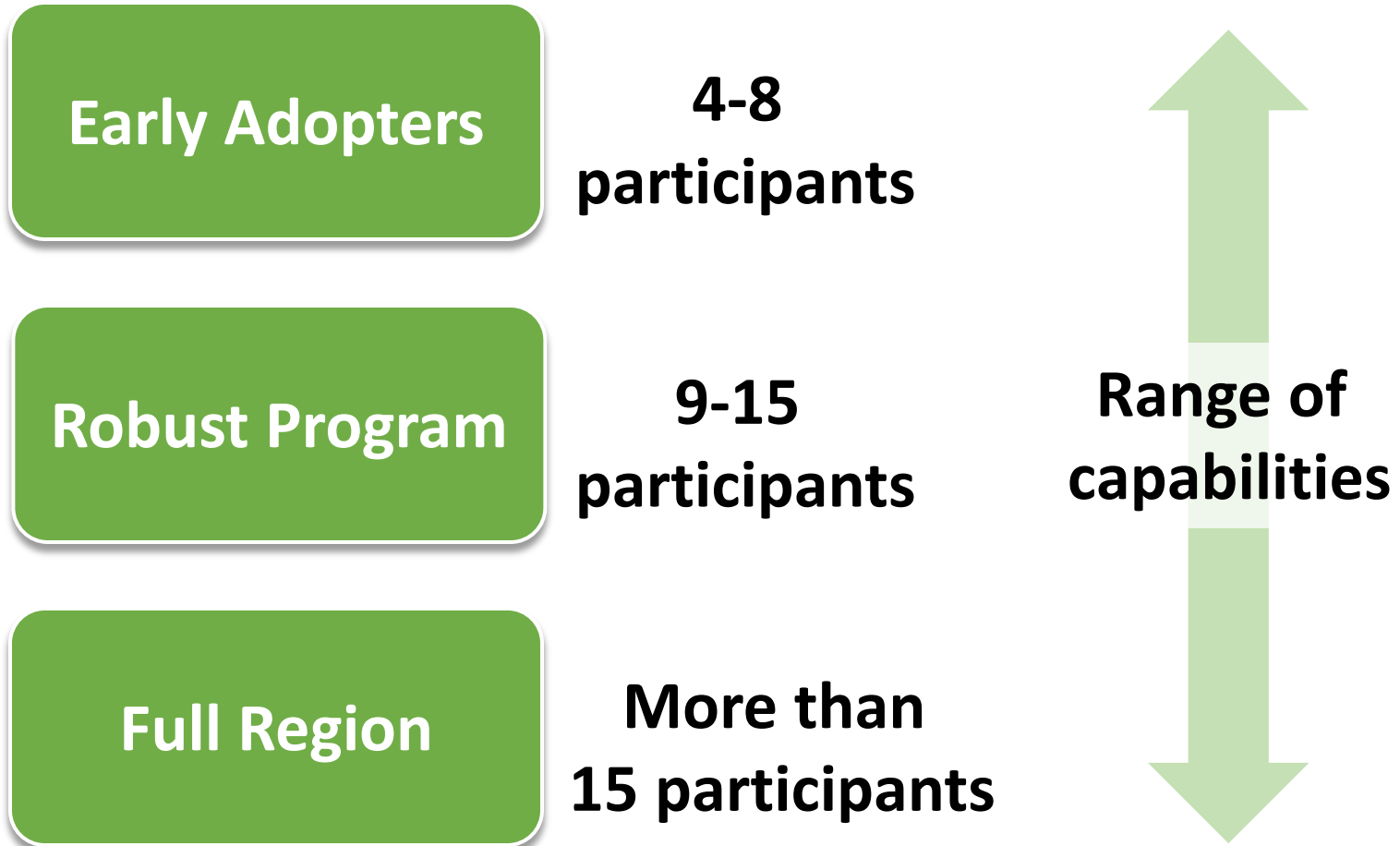
Governance Plan Version 5.0 Highlights

- **Core principles**
- **Participant responsibilities**
- **Governance structure and evolution**
- **Data and information for analysis**
- **Types of analysis**
- **Sharing information**
- **Cost sharing**
- **Data confidentiality**

Governance Plan Improvements from Version 3.0 to Version 5.0

- **Clarifications and expansions**
  - **Eligibility to participate**
  - **Conditions for suspension or termination**
  - **ANSP responsibilities**

- **Reinforcement of key tenets**
  - **Voluntary program, not to be used for enforcement**
  - **Coordination with APRAST for mitigation**

- **Revision to the range of activities and associated costs**
  - **Alignment of costs and activities to the number of participants**

Participation Scenarios

Early Adopters

4-8 participants

Robust Program

9-15 participants

Full Region

More than 15 participants

Range of capabilities

Cost of Participation Scenarios

	Early Adopters	Robust Program	Full Region
Number of Participating States	4-8	9-15	Above 15
Governing Board Meetings	Semi Annual Face-to-Face	Semi Annual Face-to-Face	Quarterly Face-to-Face
Number of Safety Metrics	2	3	4
Number of In Depth Studies	0	1	2
Number of ANSPs Providing Data	0	2	4
Web Portal for Results Sharing	No	Basic document repository	Full results portal
Number of Risk/Metrics Working Group Meetings	Three times per year Webinar	Quarterly Two face-to-face	Quarterly All face-to-face
Number of Times Safety Metrics are Generated	Three times per year	Quarterly	Quarterly
OEM Contribution	← US$50,000 →		
Cost per State	← US$50,000 (Minimum number of participants) to US$40,000 (Maximum number of participants) →		

Action Requested of APRAST/8

- **Note Version 5.0 of the Governance Plan**

- **Encourage States to participate in the Regional Data Collection, Analysis and Information Sharing for Aviation Safety Demonstration Project in Asia Pacific**