



BRSP

Brazilian Runway Safety Programme

Global Runway Safety Symposium 2017

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Presented by:

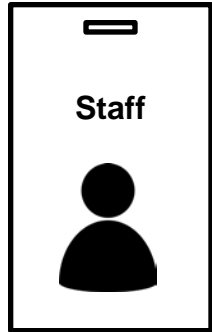
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Certification and Safety Branch

Department of Airport Infrastructure

- Brazilian Aviation
- BRSP Planing Process
 - Objectives
 - Stakeholders
 - Implemented Iniciatives
 - Action Plan
 - Last Iniciatives

Brazilian Aviation



6k Pilots
11k Flight Attendants
41k Aviation Professionals
Total 58 Thousand direct jobs



650 Passenger commercial airplanes
16k Other registered
5k Experimental airplanes
Total 22k airplanes



88,7M Embarked Pax 2016

Brazilian Aviation

589

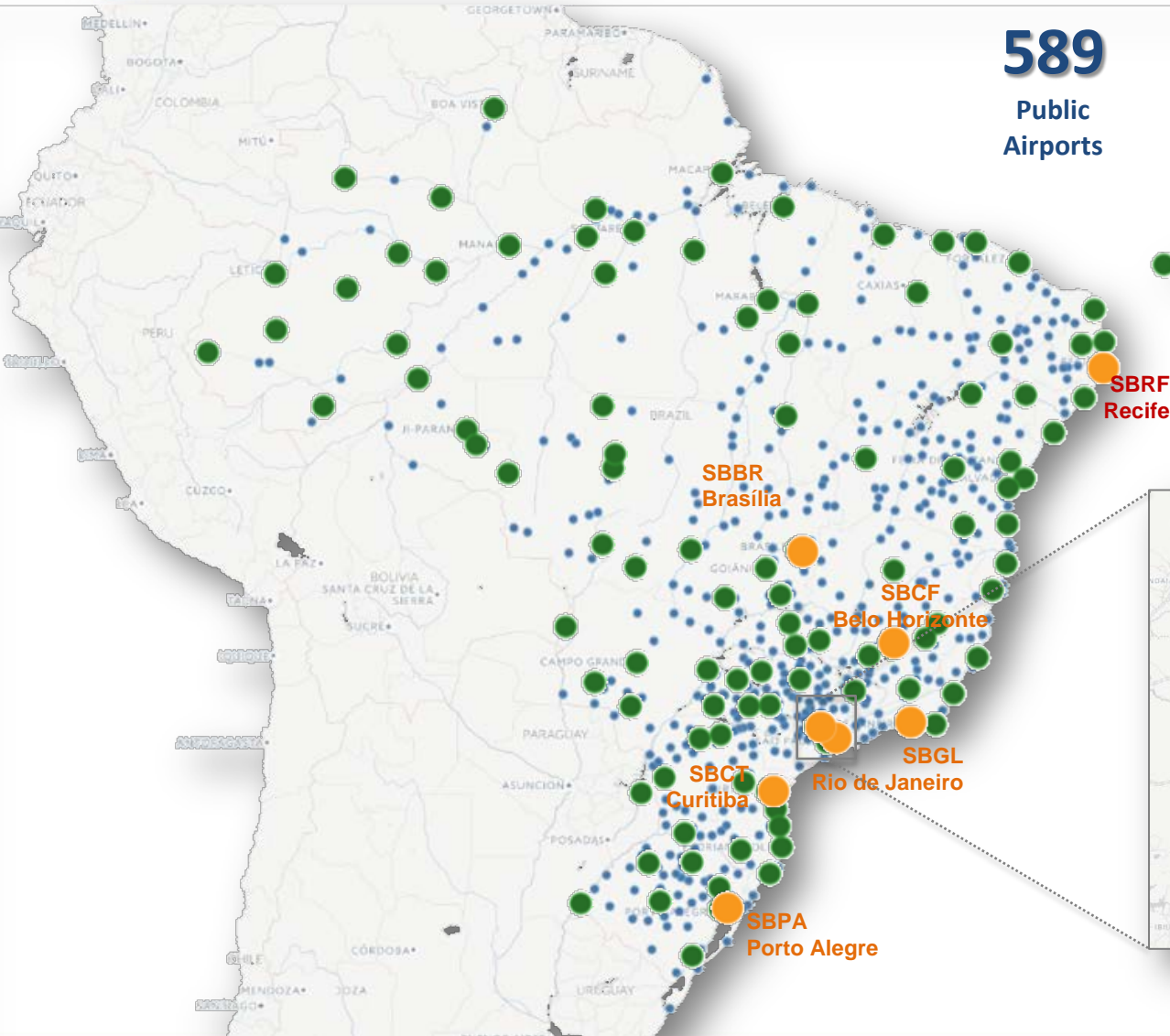
Public
Airports

111

Airports with
scheduled
flights

56%

PAX through Airports
with RST(2016)



8 RST





- 41 International direct flights
- 8 Domestic pax+cargo companies
- 5 Cargo-only companies
- 92 International pax+cargo foreign companies

Planing Process

Previous Scenario

- Demand for strategic planning on Runway Safety
- Demand for coordination with Stakeholders (inside and outside ANAC)
- Runway Safety initiatives implemented

BRSP Demands



General Objective

“To develop and stimulate effective actions to improve Runway Safety at Brazilian airports.”

Specific Objectives

1. Oficialization of Brazilian Runway Safety Programme – BRSP,
 - a. Risk Management;
 - b. Dissemination of information;
 - c. Internal and external training;
 - d. Monitoring of safety;
 - e. Establishment of short, medium and long term goals and targets, including infrastructure improvements;
 - f. Structuring of Runway Safety Teams (RST) and RCC / RBA in Certified Airports.
2. Alignment to best practices and international benchmarks.



Planing Process: Stakeholders

Benchmark

Regulators

Airlines

Airports











*Pilots and
Manufacturers*



Authorities



Planing Process: Action Plan

BRSP Modules	A Runway Incursion	B Runway Excursion	C Construction and Maintenance
1 Risk	1A 	1B	1C 
2 Information	2A 	2B 	2C
3 Training	3A 	3B	3C 
4 Monitoring	4A 	4B 	4C 
5 Infrastructure	5A	5B 	5C



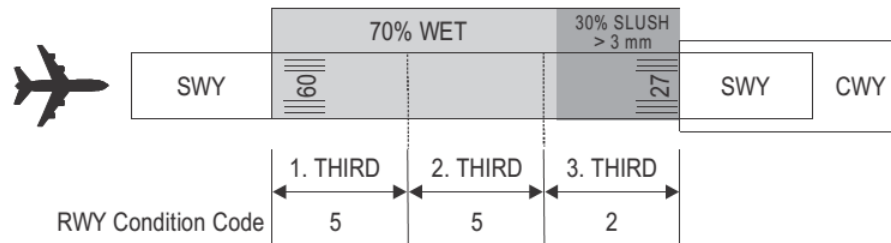
Implemented Activities



Activities in progress

-  53 Activities in progress
-  22 Implemented Activities
-  16 Activities of Dissemination of Information or Training implemented
-  RST Implemented in 8 Airports
-  Pilot Project of RCC & RBA: PANS Aerodromes implementation
-  RESA implementation in 26 airports
-  Runway Strip improved in 10 airports
-  Runway Graded Area improved in 11 airports

Pilot Project of RCC & RBA: PANS Aerodromes implementation



- Runway Excursion Prevention
- Pilot Projects Domestic and International airports
- To “calibrate” the RwyCC and RBA
- Selecting *candidates*
- Operational Agreement to define operational actions



Planing Process: Last Initiatives

RESA

- Runway Excursion Severity Mitigation
- 26 Airports with RESA Implemented or in progress
- RESA implementation:
 - Through displaced threshold
 - Real areas within the airport



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Brazilian Runway Safety Programme

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Thank you!

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