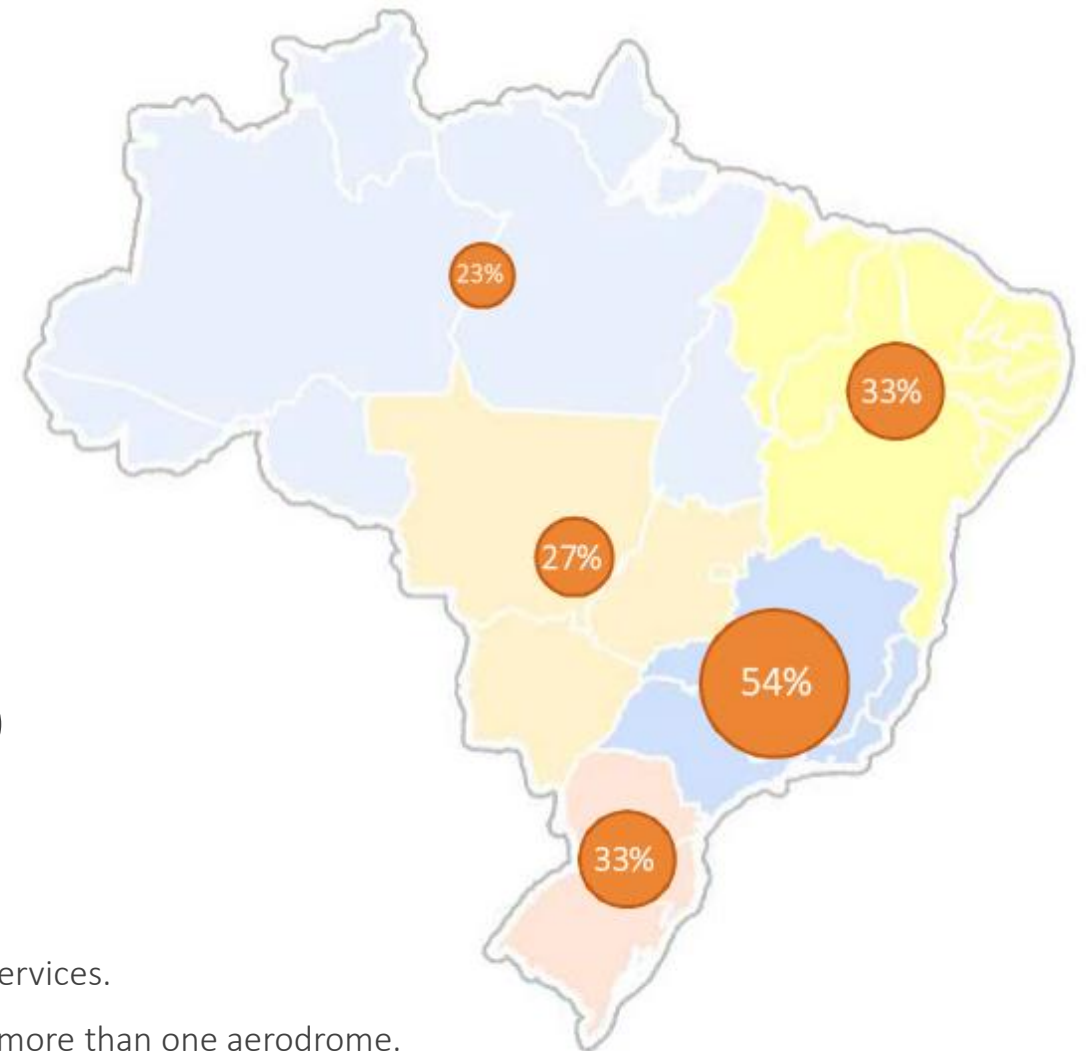


Ground Handling Webinar for the SAM Region State Perspective - Brazil

April 21, 2021

Ground handling services in Brazil

Nº of GHSP ¹ :	211
Nº of employees:	31,800
Nº of airports assisted:	140
	104 (excluding fueling)
Nº of airports operating commercial aviation:	127
% of GH outsourced:	70% + (commercial aviation)

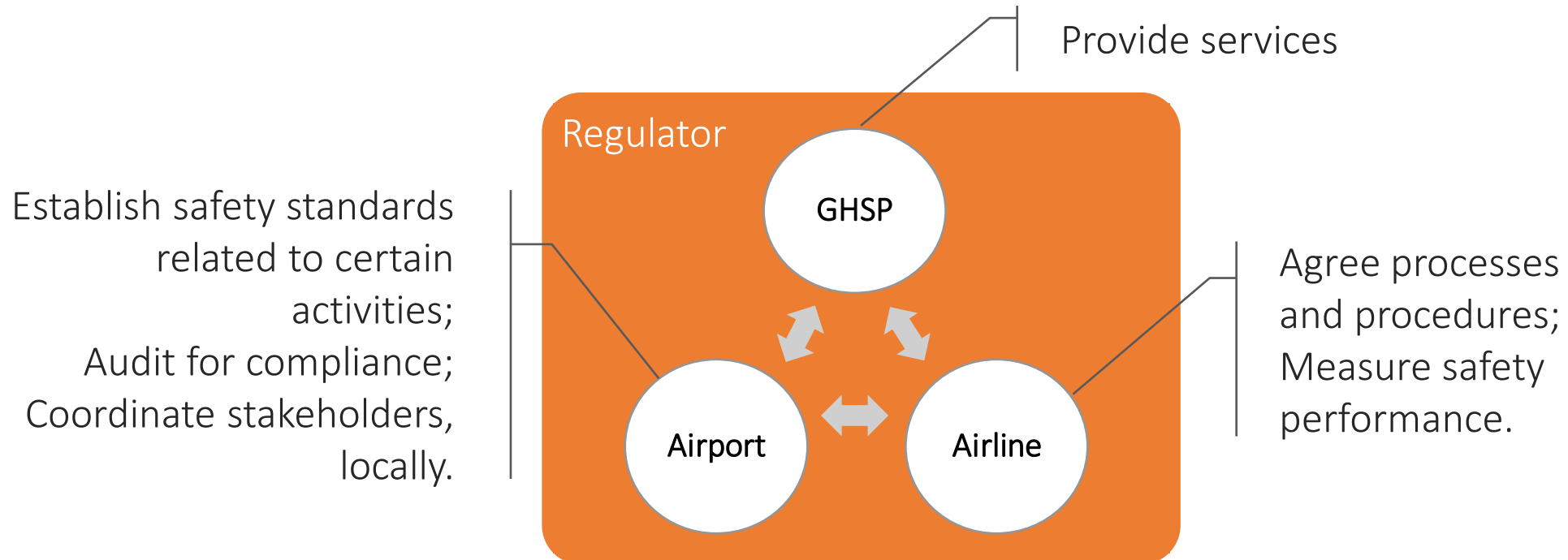


¹ Includes AVSEC and Freight Forwarder services, but not aircraft maintenance services.

Note: Percentage sums more than 100% because one company may operate in more than one aerodrome.

Source: Abesata (2016)

- Existing regulation is applied to airlines or airports – accountability for safety cannot be contracted out;
- GHSP are not directly regulated by ANAC.



2.1.3 As part of their **State Safety Programme**, States should:

- a) **assess the impact** of ground handling operations on aviation safety;
- b) **ensure this impact is managed** according to a regulatory framework addressed to air operators, GHSPs and/or aerodrome operators; and
- c) **determine appropriate safety promotion actions.**

Assess the impact of
GH on aviation safety

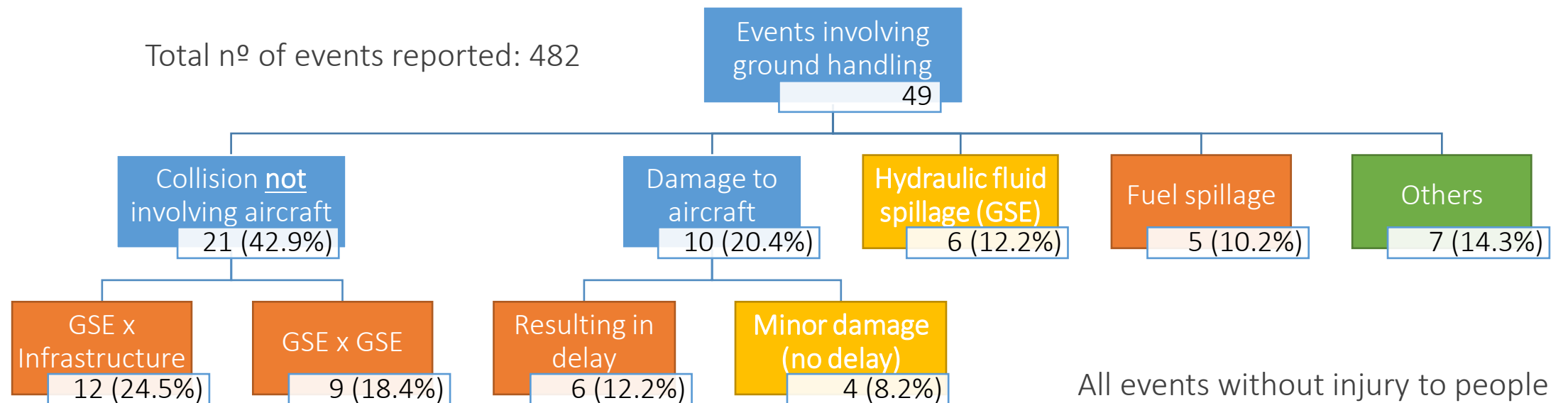


- Ensure the impact is managed; and
- Determine safety promotion actions

Safety events reported by aerodrome operators - Events per 10,000 departures

	Collision involving 1 aircraft		Collision between aircrafts		Collision between vehicles/equipment		Foreign Object Debris	
	2016	2017	2016	2017	2016	2017	2016	2017
AD1	1,19	0,8	0	0	6,76	5,13	0,48	1,44
AD2	0,57	0,23	0,11	0	1,26	0,46	5,4	1,95
AD3	0,14	0,47	0	0	0,29	0,31	1,15	0,78
AD4	0,68	1,4	0	0	4,62	3,16	17,11	15,97
AD5	2,15	0,76	0	0	0,36	0,19	8,78	10,86
AD6	0,62	0,62	0	0	1,86	1,44	3,92	4,95
AD7	0	0,67	0	0	3,03	0,67	8,65	5,36
AD8	0,62	0,61	0	0	4,01	1,83	3,4	2,45
AD9	0,32	0,66	0	0	0	0,99	3,81	0
AD10	0,97	0	0	0	0,65	1,29	4,54	7,41
AD11	0,35	0,32	0	0	0	0,63	2,09	11,38
AD12	0,48	0,48	0	0	2,38	0,97	9,03	3,86
Average	0,67	0,59	0,01	0,00	2,10	1,42	5,70	5,53

Safety events reported by aerodrome operators involving ground handling – 12 month period



Note: Percentage may not sum 100% because of numerical rounding.

Source: Anac (2021)

- Guidance for airports developed with industry:
 1. Communication, coordination and cooperation with GHSP;
 2. General safety standards;
 3. Monitoring of GH activities.





Thank you!