

May 17th 2017

Terrestrial animal management

J.J. Ebert, Fraport, Germany



ICAO



AIRPORTS COUNCIL
INTERNATIONAL

WSHRS2017

ICAO / ACI Wildlife Strike Hazard Reduction Symposium

ICAO Headquarters, Montréal, 16-18 May 2017



Content

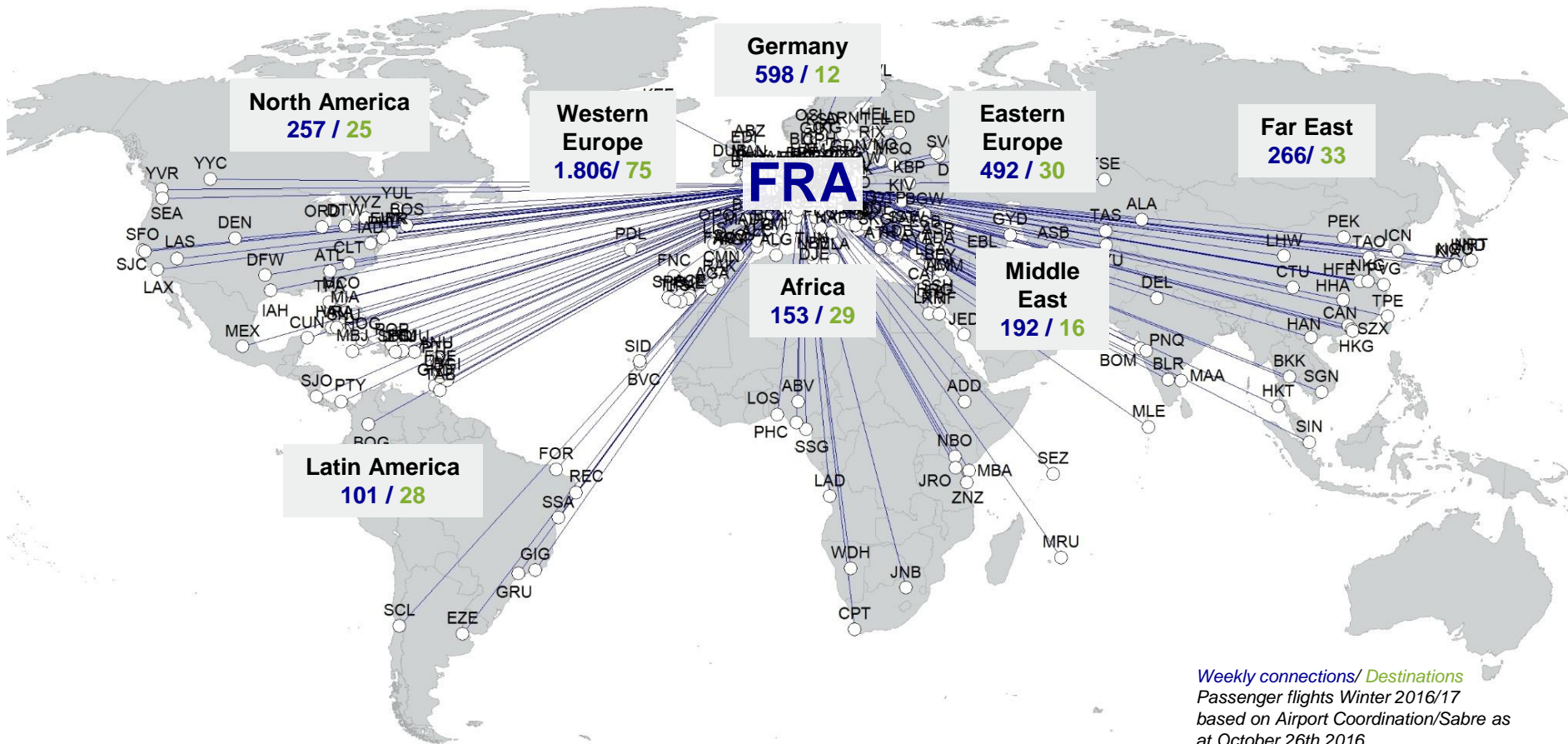
1. Frankfurt Airport and Fraport
2. Why are terrestrial animals problematic for air traffic and airport operations?
3. Solution 1: Improving the airport's infrastructure
4. Solution 2: Habitat management
5. Solution 3: Pest control



Frankfurt Airport and Fraport

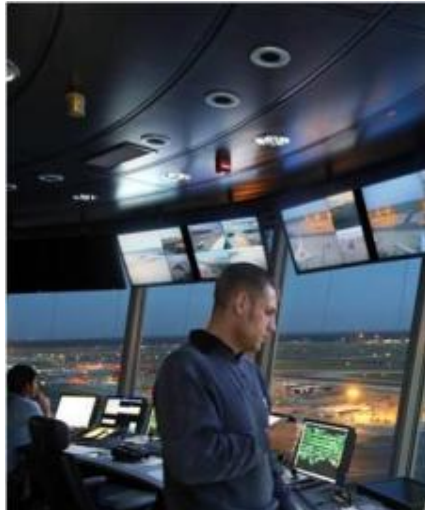


88 Airlines fly to 248 Destinations in 100 Countries



*Weekly connections/ Destinations
 Passenger flights Winter 2016/17
 based on Airport Coordination/Sabre as
 at October 26th 2016,
 processed by Fraport/UEW-MF*

Our core business activities account for the largest share of sales



35%



25%



19%



21%

Aviation

Ground Handling

**Retail &
Real Estate**

**External Activities
& Services**

€ 910 million

€ 630 million

€ 494 million

€ 552 million

Group Revenue by Segments 2016

Our know-how is in demand around the world

Fraport airports and main international affiliates





*Terrestrial animals,
air traffic, and airport
management*

Direct threats (a)

- collisions with aircrafts, cars, busses, ground handling equipment

Not always a safety issue; oftentimes monetary implications
-> delays, damages of material, claim for compensation etc.



Direct threats (b)

- damages to infrastructure
- Monetary and sometimes safety issues



Indirect threats





Control of terrestrial animals

- improve the infrastruce
- manage the habitat
- use pest control



Improvement of the infrastructure

- exclosure / fencing
- soil composition
- offer alternative sites for animals (on-airport, off-site)



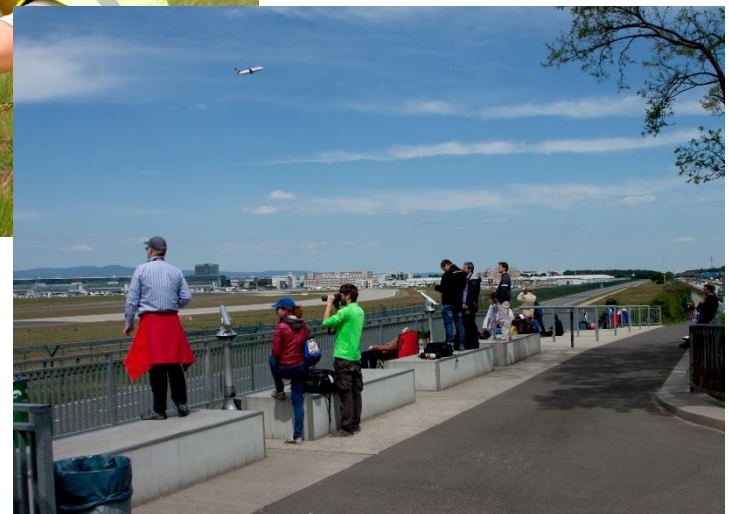
Habitat management

- designed plant composition
- intelligent grassland management
- no open water or other favorable habitats



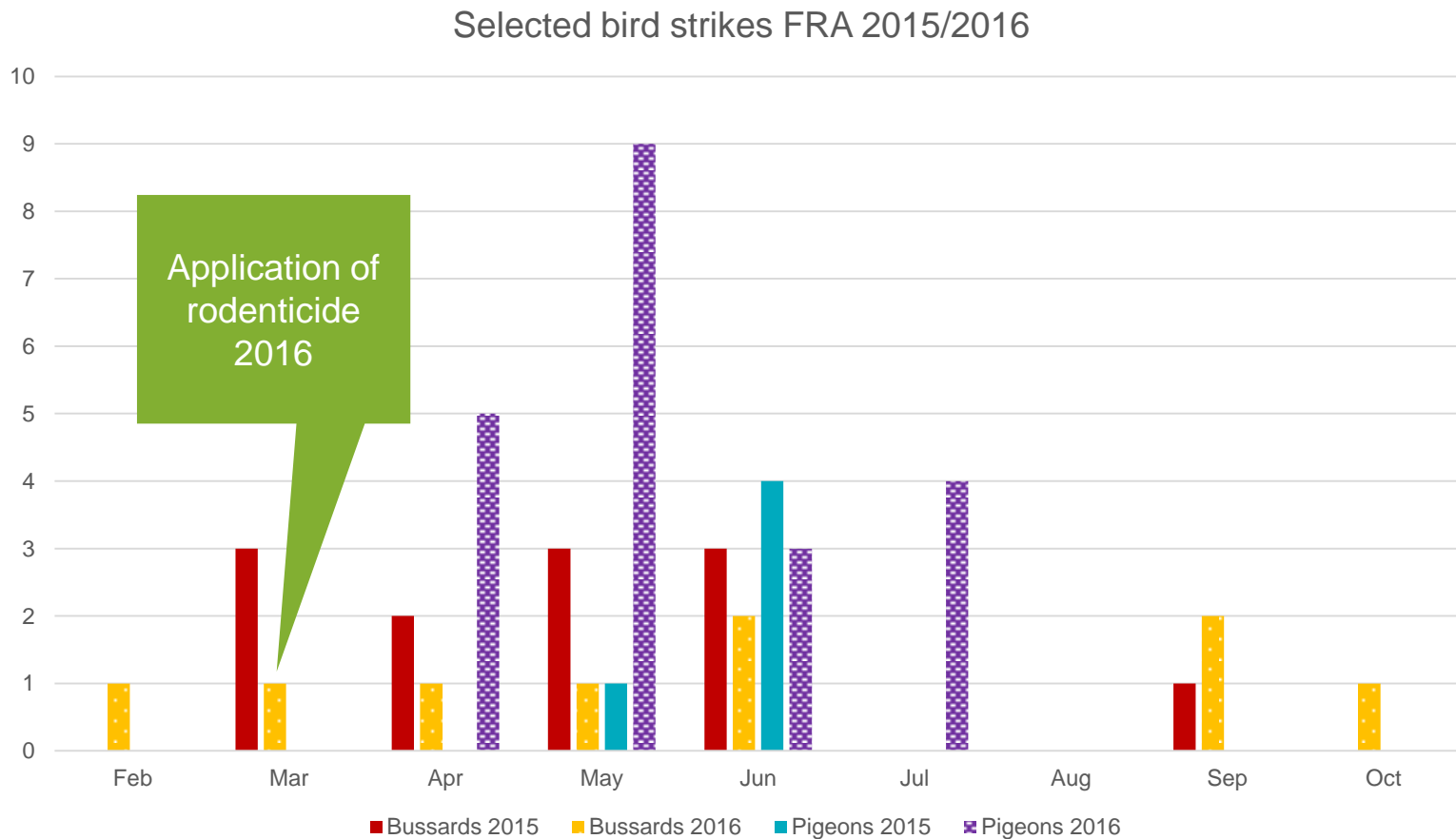
Pest control

- Application of differentiated poison against rodents or insects
Example FRA 2016: 500 hectar, 40 t Alpharatan-Rodent-granule (Warfarin)
- Hunting of mammals
- Be aware of legal complications and conflicts with the ecological reputation!



Think two steps ahead!

- Measures against one group of animals can cause favorable conditions for another one!



Any questions?



Fraport AG
Frankfurt Airport Services Worldwide

Juergen J. Ebert
Wildlife Management
60547 Frankfurt am Main
Germany

Telefon +49 69 690-66085
j.ebert@fraport.de



Gute Reise!

We make it happen

