

3rd International Jackal Symposium, Gödöllő, Hungary,
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Sustainable Management of Golden jackal Populations at Kavala and Samos Airports

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Aktion | Chania | Kerkira | Kavala | Kefallinia | Kos | Mikonos | Mitilini | Rodos |
Samos | Santorini | Skiathos | Thessaloniki | Zakynthos

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Fraport Greece Overview

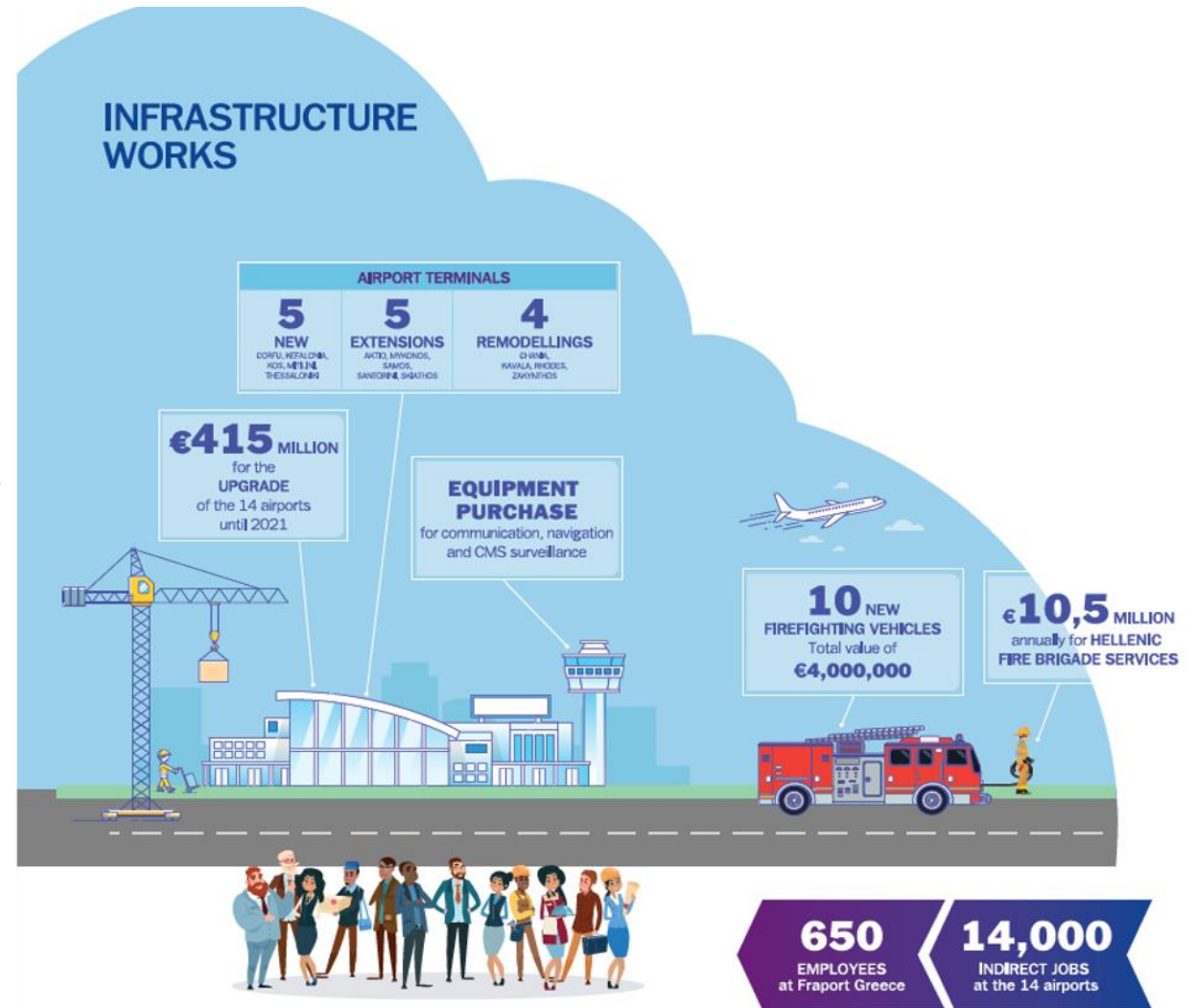
Key Features

- 40-year concession of 14 Regional Airports
- Scope: upgrade, operate and continuously develop all airports
- At least €440 million investment for the development plan
- 650 direct employees

Key Statistics


Passengers:

- 2019: 30.161.004
- 2020: 8.611.851
- 2021: 17.428.536
- Jan-Oct 2022 : 29.410.471



Wildlife Hazard Management Programme (WHMP)

- Policy (Top management commitment)
- System Description
- Wildlife Hazard Identification
- Wildlife Strike Risk Assessment
- Wildlife Strike Risk Prevention & Mitigation
- Assurance (KPIs, Continuous Improvement)
- Promotion (Training & Communication)

MSD 8.50a.5.10-5.1.1 

WILDLIFE HAZARD MANAGEMENT PROGRAMME

Thessaloniki Airport “Makedonia”

Fraport Regional Airports of Greece A S.A.

July 2018

	Prepared (Revised)	Checked (technical)		Checked (formal)	Approved	
Division / Dept.:	CO / STD-SF	CO / STD-SF	CO / STD	CE / IMS		
Name / Position:	Dionysios Ntampakis / Wildlife Hazard Manager	Spyros Markou / Senior Safety Manager	Athanasios Anyfantis / Head of Operations Standards	Christos Stathis / IMS Manager	Ilias Maragakis / COO	William Fullerton / CTO
Date:	13.07.2018	13.07.2018	13.07.2018	13.07.2018	13.07.2018	13.07.2018
Signature:						

Fraport Regional Airports of Greece A S.A.
 Version number: 01.00
 Valid as of: 13.07.2018
Red fonts: Modification
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Wildlife Hazard Management Team Duties

- Monitoring wildlife activity on and off-airport
- Wildlife control measures (short & long-term)
- Reporting to the HCAA
- Training of Airport Operations staff
- Compliance with the regulatory framework (EASA & HCAA)




Biodiversity Conservation Programme

- The same system principles are applied to conserve non-hazardous species such as:
 - Reptiles
 - Amphibians
 - Small mammals
 - Bats
 - Insects
 - Flora
- A five years action plan 2021-2025 is already in place within the frame of FG Biodiversity Conservation Programme
- Monitoring of marine ecosystem adjusted to the airports



Wildlife Trafficking Prevention



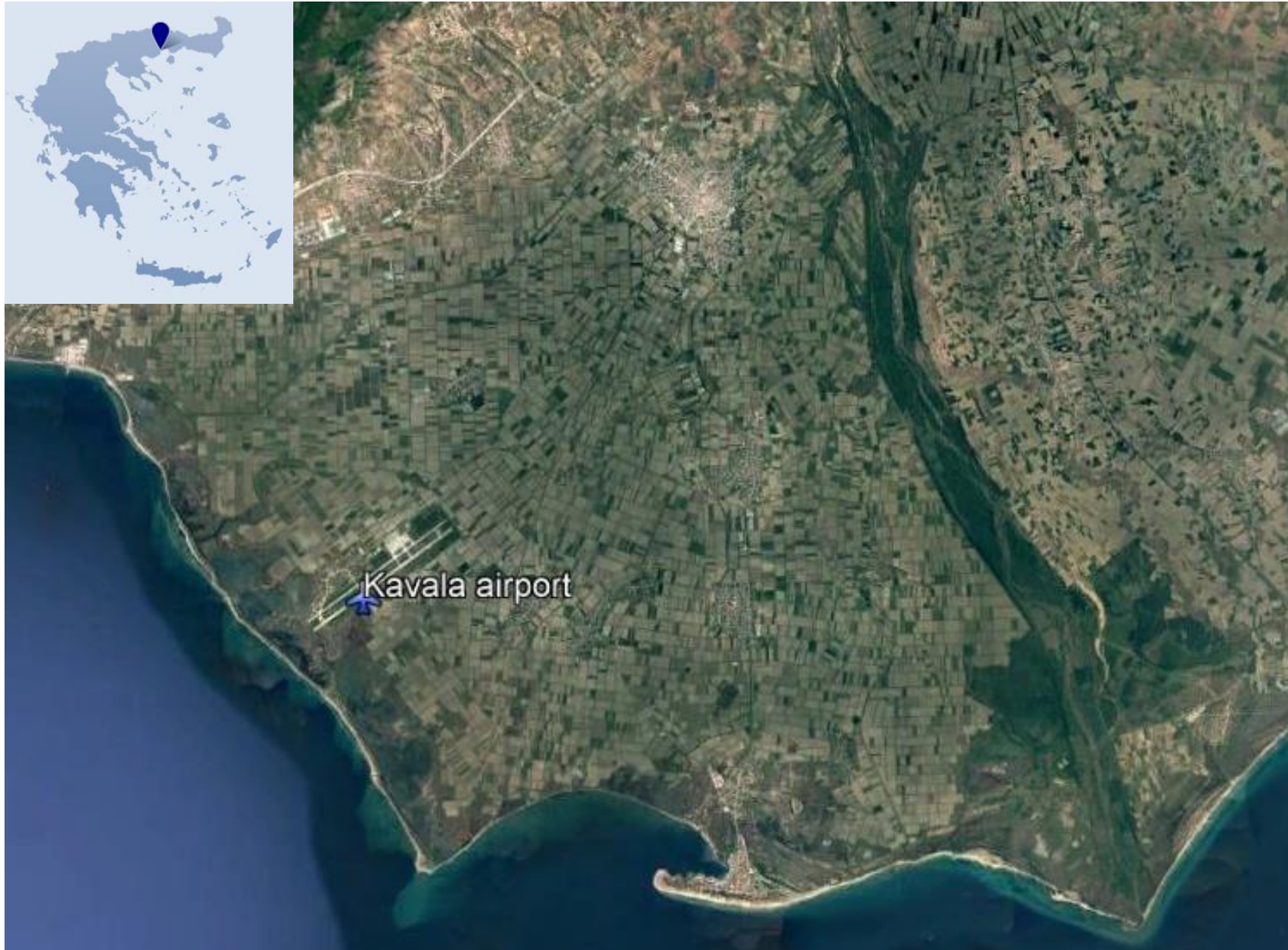
"Happy to fly home?
I'd rather stay here"

*Your memories
are the best
souvenirs!*

*Fraport Greece
has signed the
United for
Wildlife Taskforce
Buckingham
Palace
Declaration
against wildlife
trafficking,
extending its
biodiversity
protection policy
at the 14 regional
airports and in
collaboration
with ACI World*

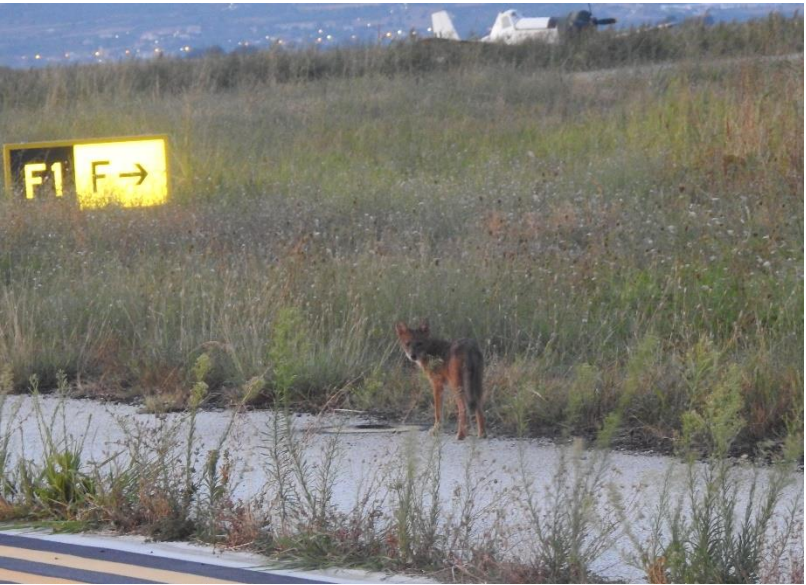
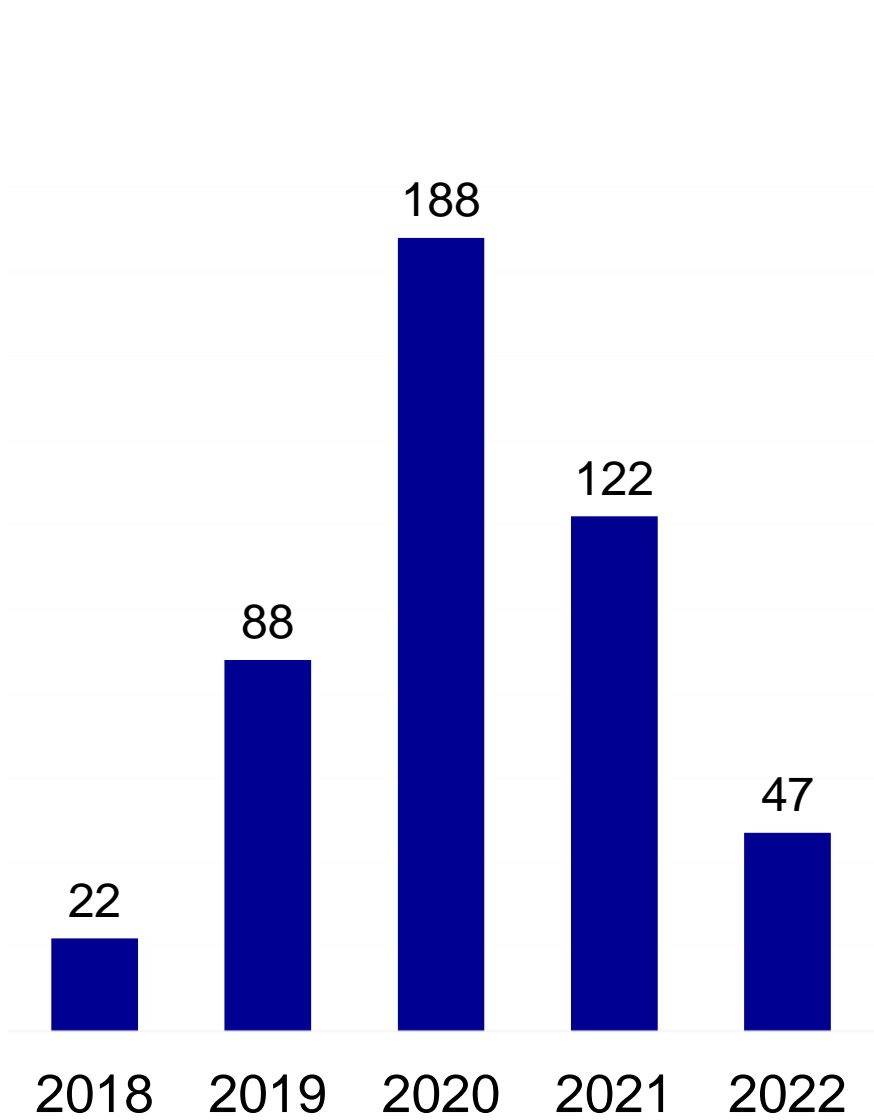


Kavala Airport "Megas Alexandros"



- Delta of Nestos river
- Lagoons
- Coastline
- Cultivations

Observations of Golden jackals at Kavala Airport



Golden jackal strikes at Kavala Airport

- I. 19-07-2021 – Boeing 737
- II. 21-12-2021 – Diamond 40

No operational impact



Samos Airport “Aristarchos of Samos”



- Wetland
- Coastline
- Cultivations

Samos Airport Golden jackal Project Timeline



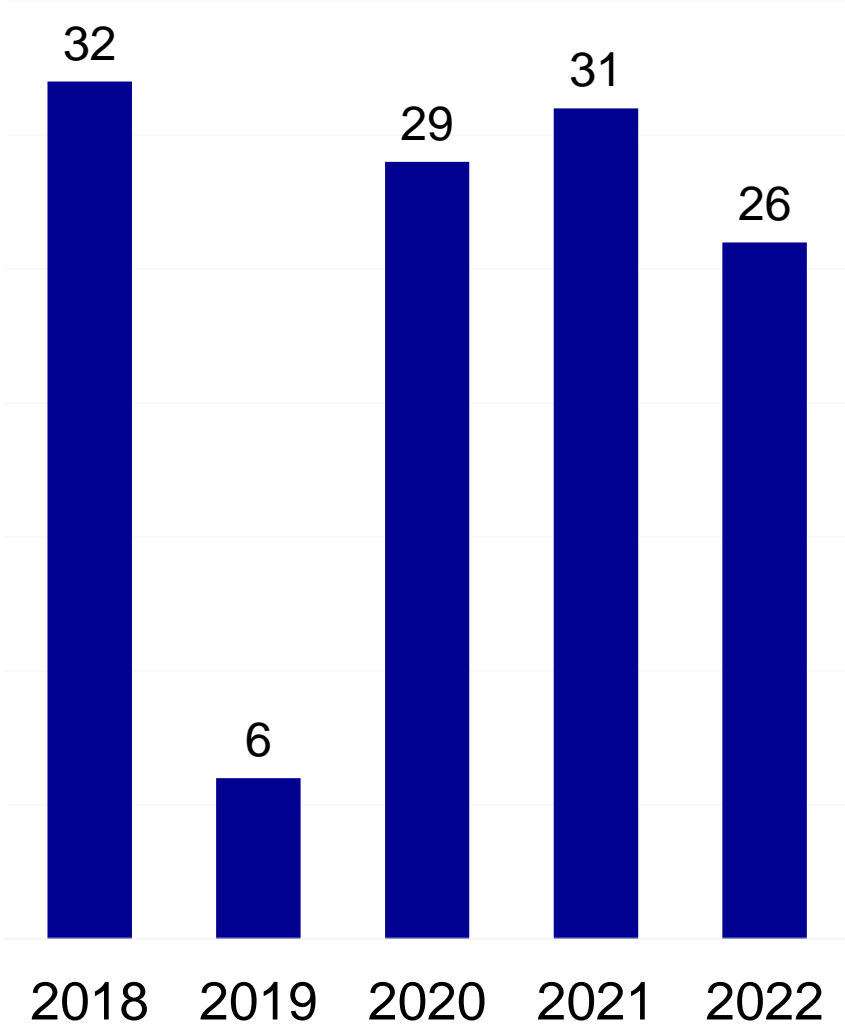
- Identification and monitoring of access points
- Deployment of audio recorders
- Purchase of GPS collars
- Reeds removal
- Fence damaged and restored
- Purchase of tractor (grass cutting)



- New fencing at all access points
- Attempted exclusion March (herding)
- Trapping attempts (no results)
- Camera traps
- Runway inspections
- Fence inspection & maintenance
- Grass cutting program



Observations of Golden jackals at Samos Airport



Habitat Management



Principles of Sustainable Management of Golden jackals on the Airports Operated by Fraport Greece

- Daily monitoring of Golden jackal individuals and their movements
- Implementation of simple technical means
- Continuous evaluation of the risk they pose to aircraft operations (den sites, behavior)
- Implementation of environmental friendly control measures
- Grass cutting at non-breeding season and fence maintenance
- Pros and cons of their presence
- Continuous assessment of the concept of tolerating the Golden jackals on the airport



As a multi-disciplinary and small-scale project, this study can be used as a model for airport wildlife management.



Gute Reise!



We make it happen