

WBA, 7 March 2022

## ***Promotion of the Wildlife Hazard Management Programme***

Dionysios Ntampakis , Wildlife Hazard Manager



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

# Promotion of the WHMP



*This short presentation aims to communicate the importance of promotion as an essential part of each Wildlife Hazard Management Programme.*

*The core elements of Promotion are training and communication. This presentation will focus on communication and the processes:*

- to achieve the wildlife hazard management objectives*
- communicate them upstream and downstream*
- to integrate the WHMP into CSR*

# Fraport Greece: The Concession Project at a Glance

## Key Features

- 40-year concession of 14 Regional Airports
- Scope: upgrade, operate and continuously develop all Airports
- €1.234 billion Upfront Concession Fee
- Initial capex of at least €415 million until 2021
- Annual Fixed Concession fee of €23 million
- Annual Variable Concession Fee of on average 28.5% of Operational Profit
- 600 Direct employees / 12.000 Indirect employees

## Key Statistics

- **15 Runways** in operation
- **Aircraft movements:**
  - 2019: 268.124
  - 2020: 121.045
  - 2021: 200.996
- **Passengers:**
  - 2019: 30.161.004
  - 2020: 8.611.851
  - 2021: 17.428.536

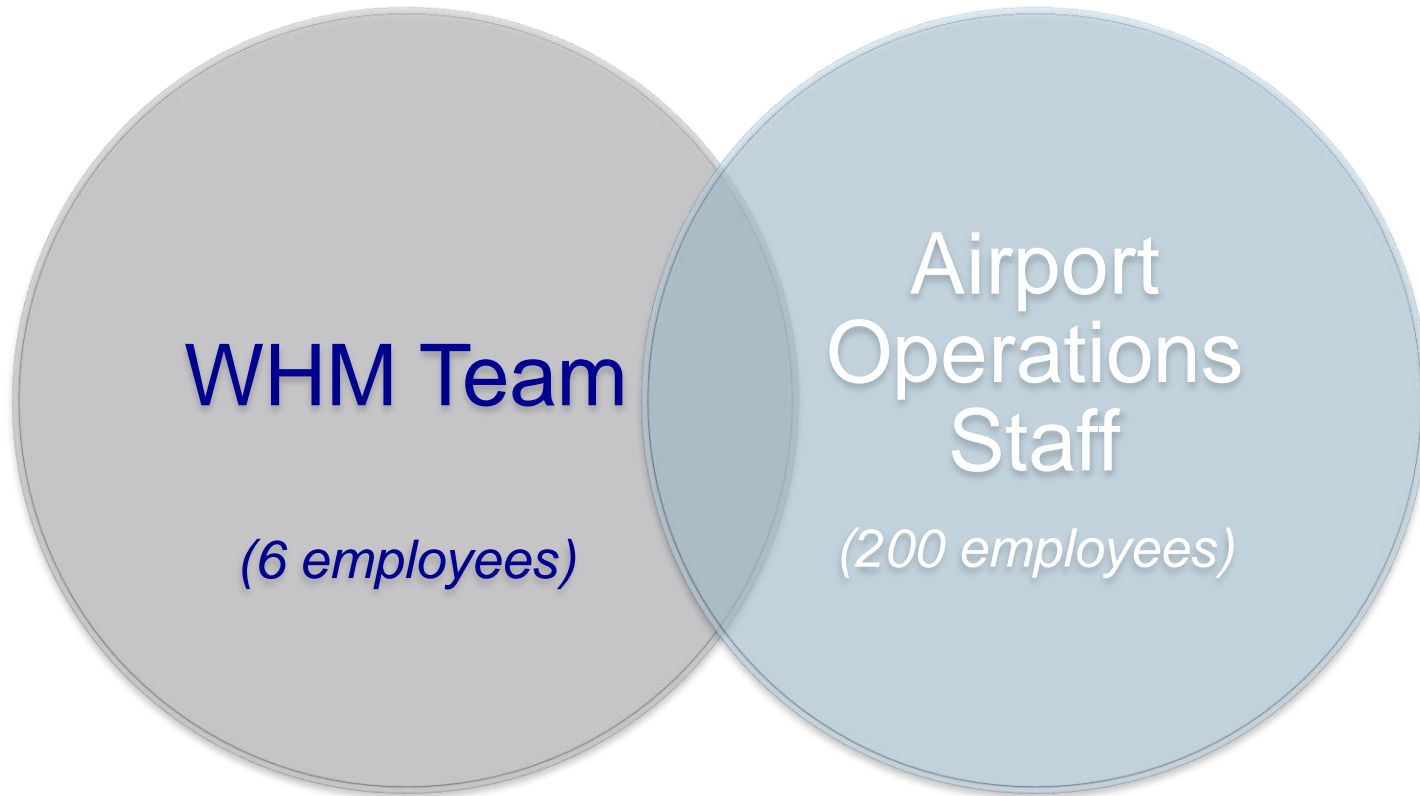
# ***Current Operational Concept: Airport Clusters Operations depend heavily on Airport Complexity***



# ***Wildlife Hazard Management Team***



# Promotion



# Promotion -Training

## Training seminars

- Wildlife Hazard Management
- Use of Pyrotechnics

	2017	2018	2019	2020	2021
<b>Number of Seminars</b>	<b>19</b>	<b>7</b>	<b>31</b>	<b>21</b>	<b>23</b>
<b>Attendees</b>	<b>180</b>	<b>66</b>	<b>148</b>	<b>189</b>	<b>197</b>

## Fraport Greece e-learning platform:

- enables real time and distant virtual learning
- simplifies the training logistics



# Communication Channels



- ✓ Corporate website
- ✓ Press release
- ✓ Social media
- ✓ Newsletter
- ✓ Awareness material
- ✓ Airport Users
- ✓ Conferences



*White stork (Ciconia ciconia) at Kavala Airport*



# A Safety Management System (SMS) Approach

## Wildlife Hazard Management Programme

- The overall system of processes, procedures, policies, etc.
- Wildlife Hazard Identification
- Ensure that all wildlife strikes are reported
- Wildlife Strike Risk Assessment (periodically & annually)
- Wildlife Strike Risk Mitigation
- Assurance (lagging & leading KPIs)
- Promotion (training & communication)

**12**  
**WHMPs**



*Flock of Golden plovers (Pluvialis apricaria) at Kos Airport*

# ***Wildlife Hazard Management Cornerstone***

A proactive approach with several RWY inspections and extensive habitat management is the cornerstone of wildlife strike prevention.

This approach is achieved with:

- ✓ IT solutions for data collection and analysis
- ✓ Innovative training methods
- ✓ Case studies
- ✓ Exchange of experience
- ✓ Continuous training development
- ✓ Proficiency check

*Flock of Starlings (Sturnus vulgaris) around Kavala Airport*

# How do we ensure that all wildlife strikes are reported?



- ✓ **% Airport reporting** as leading KPI
- ✓ DNA analysis for bird strike remains
- ✓ Regular meetings with the airlines to cross check wildlife strike databases (incident by incident and/or on annually basis)
- ✓ Continuous awareness seminars on reporting culture to FG personnel
- ✓ Invest in dedicated expert personnel

Accept the level or risk that  
can be accepted



# Communication-downstream



## Feedback includes the following:

- ✓ Expert advice on wildlife biology & ecology
- ✓ Detailed instructions for efficient bird control
- ✓ Asking feedback from the implementation of the measures

## Feedback is provided to the Airport Operations personnel by:

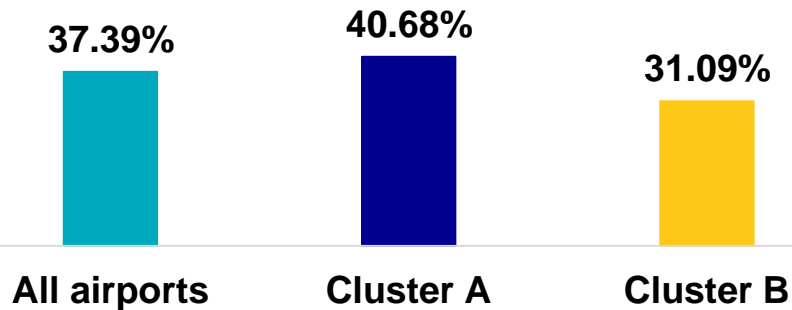
- ✓ e-mail
- ✓ Weekly briefs
- ✓ Regular Webinars

Eleonora's falcon at Rodos Airport  
(*Falco eleonora*)

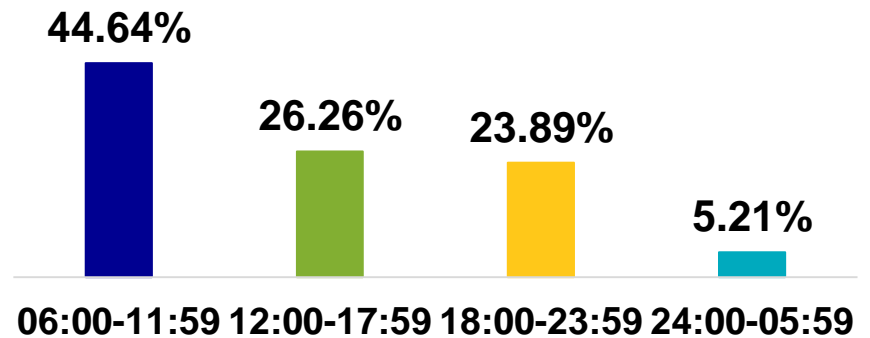
# Communication – Internal Upstream

- ✓ Presentation of data analysis with graphs and projection models
- ✓ Data-based decision making
- ✓ Avoid negativity & navigate smoothly the discussion with a positive mindset
- ✓ Mention the expected safety benefits

**% Airport reporting for 4 years  
(2018-2021)**

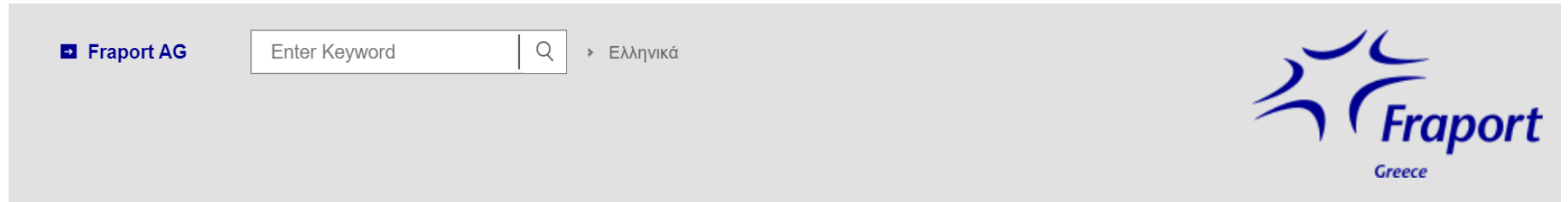


**Confirmed wildlife strikes per time  
segment for 4 years (2018-2021)**



# Communication - Website

<http://www.fraport-greece.com>



## Sustainability

### Wildlife Hazard Management

#### Annual WHM Reviews

## Media Center

### News

16.12.2021- Press release

**Fraport Greece at the forefront of the fight against wildlife trafficking**



# Communication - Annual WHM Review



## Structure

- Preface by the COO
- Introduction
- The Wildlife Hazard Management Team has grown
- 2018-2021 Wildlife Strike Analysis
- Impact of Covid-19
- Biodiversity Conservation Programme
- Biodiversity Records
- White storks at Kavala airport
- “Dot-to Dot” Rare Observations
- Wildlife Trafficking Prevention
- Trapping and Relocation of Common kestrel at Thessaloniki Airport

# Communication - LinkedIn



*“He may have preferred a kiss...instead we gave him a new habitat!”*

*The Green Toad (*Bufo viridis*) belongs to the frog family. We supported the "Lalitsa" Non-Profit Association, for the creation of proper breeding habitats for amphibians...*

*You can find more about our efforts to protect Ithaca's Green Toad here:*

<https://lnkd.in/dXZw6bM>



**[#conservation](#) [#environment](#) [#nature](#)**

# Communication- Safety and WHM Newsletter

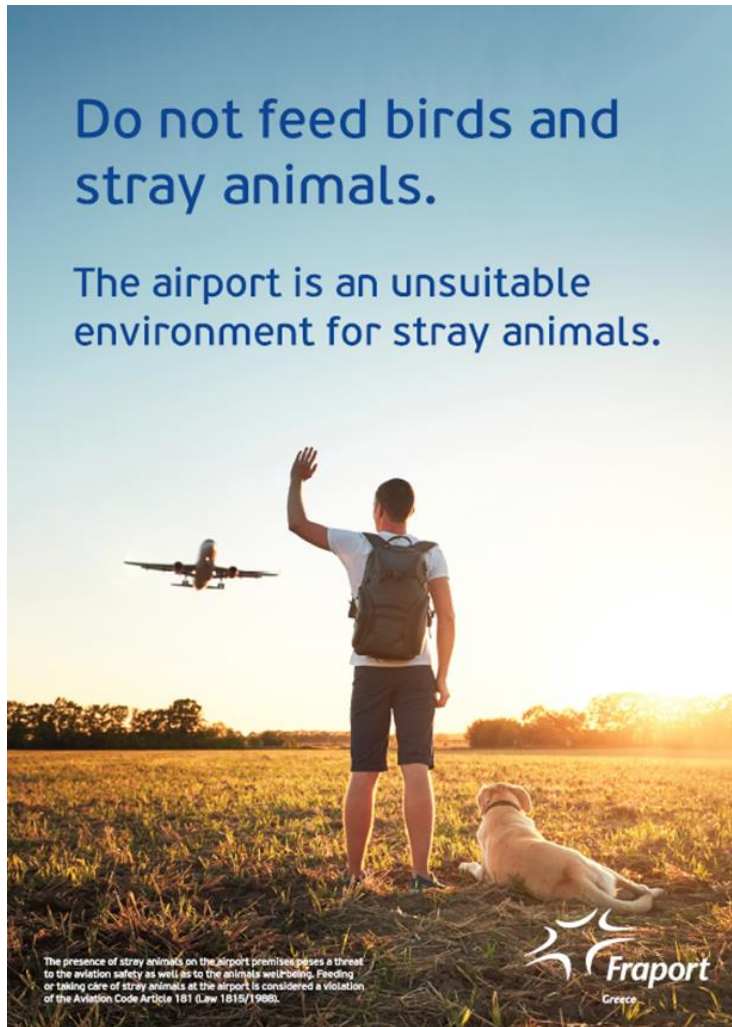


- ✓ Quarterly addressed to Fraport Greece employees
- ✓ Scope : Intention to develop safety culture
- ✓ Intra and cross departmental facilitation of communication and cooperation
- ✓ Internal promotion of high performers
- ✓ Promotion of reporting culture

Common buzzard (*Buteo buteo*) at Rodos Airport



# Communication - Event Days, Videos, Leaflets & Posters



- ✓ Leaflet, Poster & Awareness Video for the safe handling of stray animals
- ✓ Awareness video for the Reptiles of Greece
- ✓ Event workshop for reptiles to Fire Fighting and Operations Personnel
- ✓ Creation of a video to promote molecular techniques and bioinformatics to primary school kids in Germany

# Communication- Events & Meetings with stakeholders



- ✓ Day event with the airlines
- ✓ Regular meetings with the airlines safety departments
- ✓ Articles on airlines' safety newsletters
- ✓ What pilots can do?
- ✓ Awareness training to ground handling personnel
- ✓ Regular meetings with the Hellenic Air Force

# Communication - Conferences



- ✓ 2nd Jackal Symposium, Marathon, Greece, *31 Oct-2 Nov 2018*
- ✓ 14th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), *27-30 June 2019*
- ✓ ACI Europe ENVSTR Committee Meeting, Paris, *11 Oct 2019*
- ✓ World Birdstrike Association, 2018/2021/2022
- ✓ ICAO RWY Safety Seminar, Technology, Paris, *22-24 March 2022*



# Promotion Safety Benefits

## Reporting Culture

- Develop synergies within the FG network of airports
  - Report strikes that pilots have not been aware of
  - Ensure that all wildlife strikes are reported
- 

## Personnel Development

- Keeping the Airside Operations Personnel motivated
  - New talents & skills development
  - Exchange program – on the job training
- 

## Wildlife Strike Risk Mitigation

- Ability to perform risk assessment with high quality data
- Data-based risk assessment & decision making
- Efficient implementation of the WHMP

# ***Integration of WHM to CSR – Biodiversity Conservation***



*Pontia edusa* at Thessaloniki Airport

The same system is applied to conserve non-hazardous species such as:

- Reptiles
- Insects
- Bats
- Amphibians

A five years action plan 2021-2025 is already in place within the frame of FG Biodiversity Conservation Programme

## *Integration of WHM to CSR – 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*



*Gute Reise!*



*We make it happen*