

World Birdstrike Association Europe Conference, 23.06.2022

***Preventive wildlife strike strategies
implemented at the airports operated by
Fraport Greece during the C-19 pandemic***

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

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- Demonstrate leadership



Thessaloniki Airport "Makedonia" (Photo by: Wildlife Controller, Peleka Lamprini)

Airports Operated by Fraport Greece



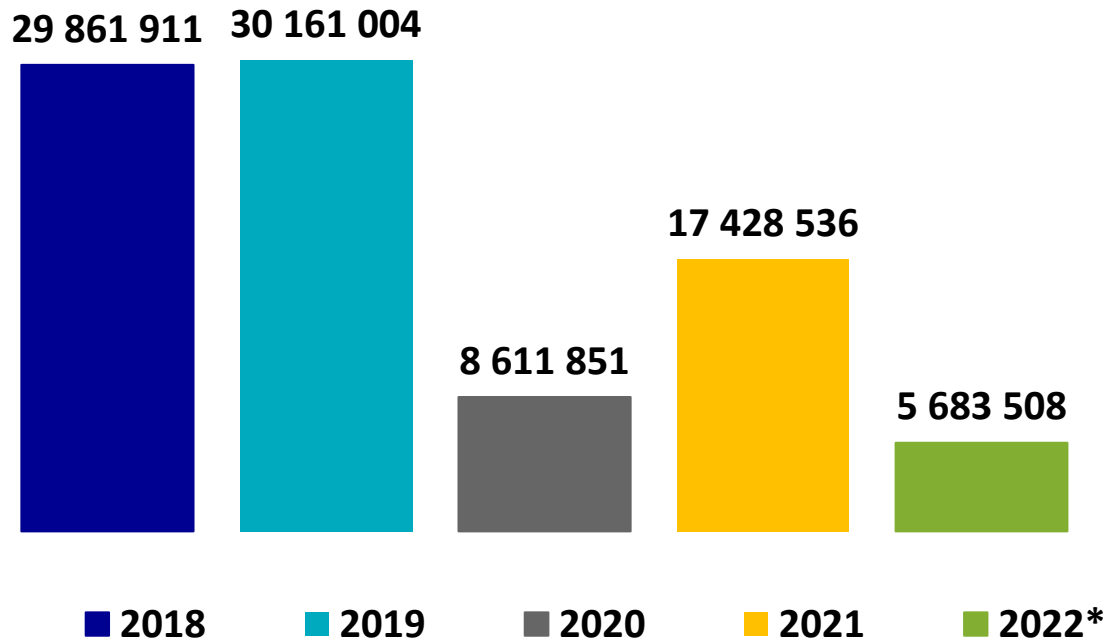
Wildlife Hazard Management Team



70 Airside Supervisors (FM car) at the network of 14 regional airports

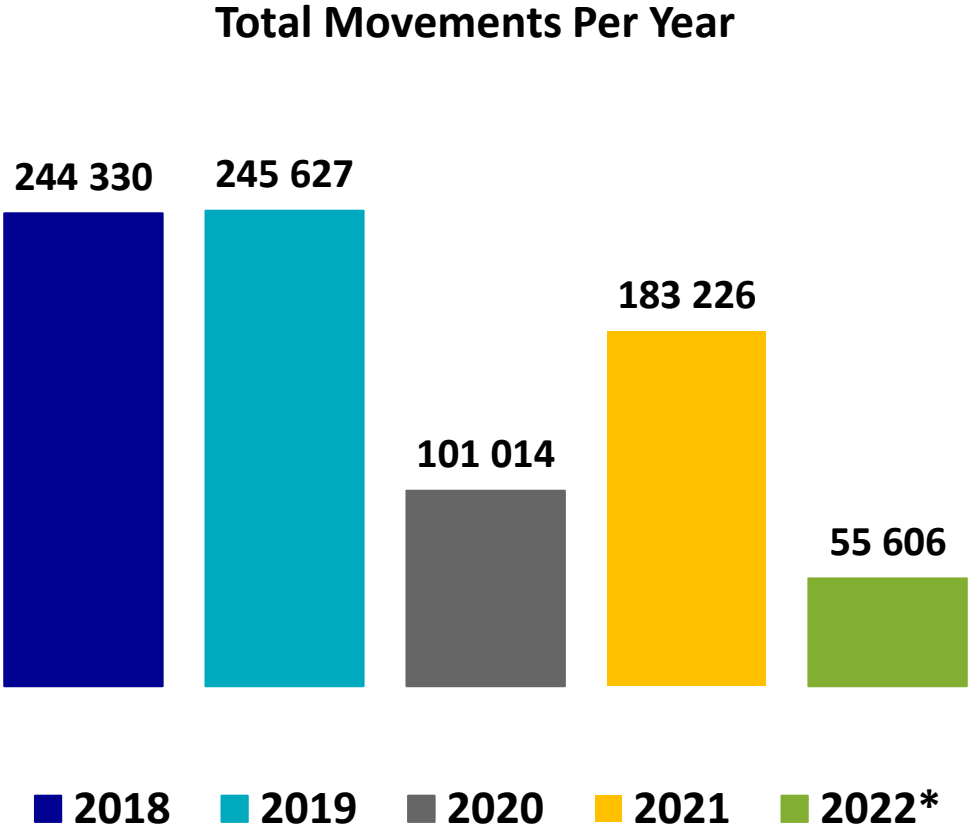
Passengers Per Year (2018 – up to May 2022)

Total Passengers' Numbers Per Year



*The current **YTD** stats demonstrate a decrease of **12% versus 2019**, with total traffic reaching **5.68 Million passengers**.

Total Movements Per Year (2018 – up to May 2022)

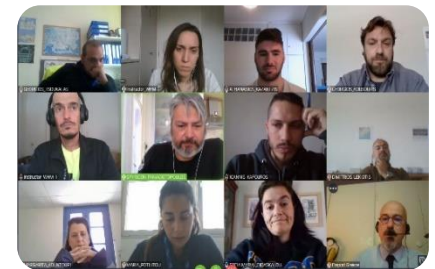


* The YTD movements decrease until May 2022 reaches **-4.2% versus 2019**

Corporate Culture and Training Developments

Human Capital at the center of our interest : C-19 acted as an accelerator for positive changes:

- Increase awareness of C-19 for employees' and customers' health and safety as well as for related consequences in airport operations
- Create a shared understanding of the post-COVID Corporate Vision & Mission as well as corporate values that will guide all Fraport Greece team members in a very dynamic and challenging business and operational environment
- Build adaptability of the human capital through continuous learning by:
 - Introducing and implementing the corporate strategy for "Learning without barriers"
 - Aligning training methods and schemes to a new digital era and using LMS to its full potential



Top Management Strategy for Wildlife Strike Prevention



No reductions were made during the pandemic years regarding:

- Personnel involved in wildlife control
- Purchase of wildlife control equipment



On the contrary:

- The Wildlife Control Team at SKG has grown in 2021
- Lawn tractors were added in the airport fleet

Thessaloniki Airport “Makedonia”
(*Photo by:* Wildlife Controller, Peleka Lamprini)

Communication Strategy with the Airside OPS Personnel



*Common buzzard at Rodos Airport “Diagoras”
(Photo by: Airside Supervisor, Nikolaos Saragias)*

Information has been provided through webinars on:

- The importance of dispersing birds even with no traffic at all
- Bird biology and behavior
- The need to implement an integrated approach with a variety of bird control measures

Recap before the recommence of operations in June 2020, in April 2021 and April 2022

Online participation in the Safety Committee meetings

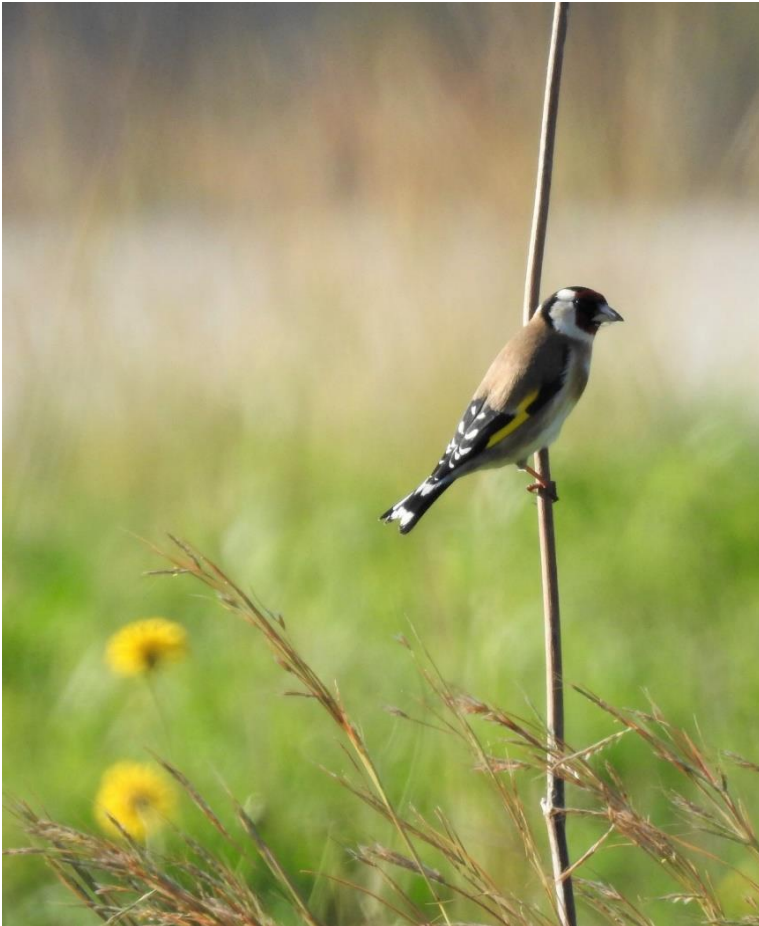
Wildlife Strike Prevention Strategy

Clear instructions were given to the airside operations personnel about:

- The frequency of RWY inspections (proactive for wildlife control)
- Communication with the ATC (time needed for bird control, results)
- Wildlife control at the perimeter areas
- Fence inspection (plus airside vehicle gates)
- Monitoring of wildlife attractants
- Record keeping
- Collection of data upon a wildlife strike

“Bird control is a continuous process that requires constant effort and time”

Wildlife Surveys (13km radius)



Goldfinch at Rodos Airport “Diagoras”
(Photo by: Airside Supervisor, Nikolaos Saragias)

Conducted by the airside operations personnel equipped with

- Binoculars
- High optical zoom cameras
- Bird id books

Data was regularly sent to the Wildlife Hazard Management team and analyzed centrally in Athens

Surveys extended to non-hazardous species as well

Communication strategy with the airlines



*Thessaloniki Airport “Makedonia”
(Photo by: Wildlife Controller, Peleka Lamprini)*

Open/Trust culture with the airlines

Regular meetings’ agenda:

- Cross check of our wildlife strike databases
- Common understanding on confirmed and unconfirmed wildlife strikes
- Wildlife control strategy during the pandemic years
- Wildlife strike investigations

Questionnaires received by the airlines

Communication with Ground Handling Companies

All GH companies were informed during the Safety Committee meetings about:

- The need to cover APUs and other aircraft parts to avoid having nesting birds due to long parked aircraft
- Appropriate waste management to avoid having birds or stray animals feeding on organic waste



Thessaloniki Airport “Makedonia” (*Photo by: Wildlife Controller, Peleka Lamprini*)

Developments on the KPIs

- Birds found struck on the RWY are reported as confirmed strikes even without any report from a pilot (airport reporting: 37%)
- Multiple strikes are risk assessed with an increased level of severity for the respective bird species

KPIs

~~• Confirmed wildlife strikes per 10,000 aircraft movements~~
New! Number of confirmed strikes of birds with mass over 100g per 10,000 aircraft movements

- **Confirmed wildlife strikes reported exclusively by Fraport Greece operations personnel**

Innovation Strategy – Demonstrate Leadership



- Best practices in wildlife hazard management
- Demonstrate leadership in airport biodiversity conservation
- Marine and terrestrial biodiversity conservation research
- Wildlife trafficking prevention

Marsh Harrier at Samos Airport “Aristarchos of Samos” (*Photo by: Airside Supervisor, Kafouros John*)



Gute Reise!



We make it happen