Airshare XYZ
Monthly update
APRIL - MAY 2018

Visit the Airshare XYZ website here ➤

Airshare XYZ project goal:

ACTIONS - map the mitigating actions used in the participating airports.

⌄

EFFECT- asses the effect of the mitigating actions with the airports.

⌄

ENABLING - the best possible wildlife control and reduction.

Status update:

AIRLINES

13 airlines actively participating in the project.

norwegian   BRITISH AIRWAYS   widerøe   DAT
AirDolomiti   PEGASUS AIRLINES   Thomas Cook   Condor
Lufthansa   brussels airlines   edelweiss
AeroLogic   Lufthansa CityLine

AIRPORTS

641 AIRPORT INVITED TO PARTICIPATE
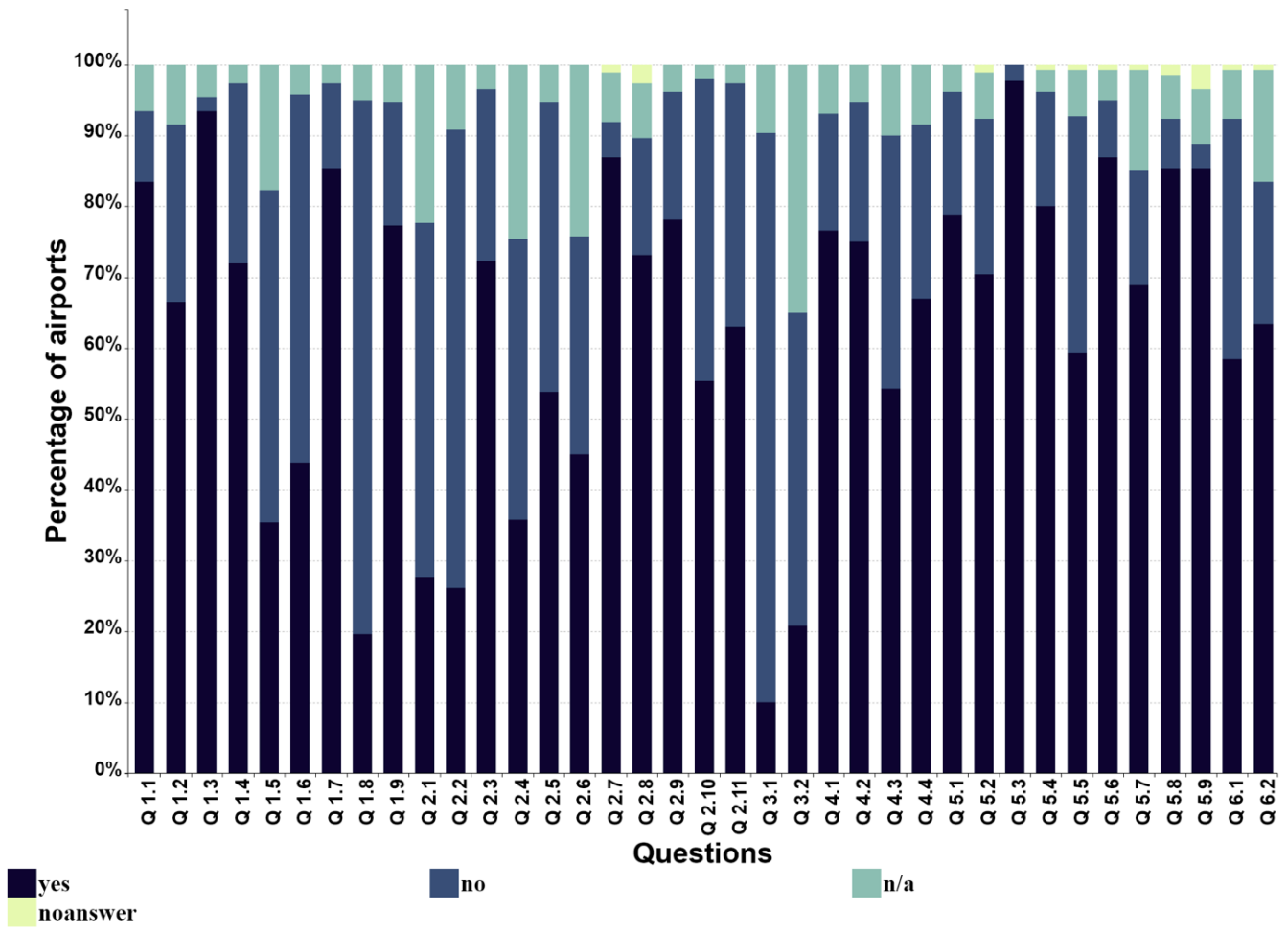
Risks and solutions

⚠ A request to access previous monthly updates received from the project participants.

↳ ✔ All AirshareXYZ monthly updates are now available on our website ➤

⚠ A risk of appearing as spam, if several emails received from different airlines at the same time.

↳ ✔ We are distributing invitations in time, that airports would not receive too many emails at once.

Implementation rates

Here you can see the average implementation rates from participating airports in April 2018. We are glad to see the positive change that the number of unanswered questions decreased, allowing us to get more information and more accurate implementation rates.

Percentage of airports (y-axis: 0% to 100%)
Questions (x-axis: Q 1.1 through Q 6.2)
Legend: yes, no, n/a, noanswer

Active management

1.1 Is bird control in place prior to every aircraft operation?
1.2 Are bird control and bird surveillance recorded at least every 30 minutes?
1.3 Are training and brush-up being performed?
1.4 Is distress call playback used in the field?
1.5 Do you trap raptors for a distant release?
1.6 Are laser pointers used?
1.7 Are pyrotechnics used?
1.8 Do you use dog assistance?
1.9 Is shooting high-risk birds used as a mean of immediate control?

Passive management

2.1 Do you reseed with endophyte infested grass seeds?
2.2 Do you use fertilizer to improve grass quality?
2.3 Do you have a long grass policy in place?
2.4 Do you use netting of the ditches and water retention ponds?
2.5 Do you remove grass clippings after lawn mowing?
2.6 Do you replace ditches with buried drain pipes?
2.7 Do you remove self-sown trees and shrubs?
2.8 Do you eliminate temporary surface water?
2.9 Do you actively manage weed control?
2.10 Is your airfield used for agricultural crops?
2.11 Is there any food waste exposed to birds in your airport?

On and off airport surveillance by radar

3.1 Do you use radar detection of birds?
3.2 Do you perform historical analysis and risk assessment of recorded radar data?

Off airport (13 km) risk assessment

4.1 Are all bird attracting sites registered in the 13km zone?
4.2 Are hazardous birds recorded at sites that attract birds?
4.3 Do you record hazardous bird flight routes crossing aircraft flightpaths?
4.4 Do you perform a risk assessment of the 13km zone?

Data recording, analysis, risk assessment, review, and reporting

5.1 Do you have a Local bird strike committee in place?
5.2 Is DNA or feather analysis of unidentifiable bird strike victims performed?
5.3 Is a complete bird strike recording and reporting system established at your airport?
5.4 s the Bird Strike Risk Assessment matrix updated?
5.5 Is a monthly review of Bird Strike Risk Assessment performed?
5.6 Are immediate actions taken to counter bird species entering the high-risk category?
5.7 Have you improved written procedures to counter bird species entering the medium risk category?
5.8 Are bird recordings from bird controller (BC) logs analysed?
5.9 Are bird control procedures based on BC logs revised annually?

Annual standard check

6.1 Does your airport have an annual standard check performed by external qualified wildlife supervisor?
6.2 Are annual standard check recommendations fulfilled?

Share the knowledge

As you can see from the results, approx. 75% of participating airports record hazardous birds at sites that attract birds (Q.4.2). We found something new in the field of airport safety that might help identify hazardous sites and would like to share it with you.

Listening for geese!

New technology allows you to monitor bird activity on sites in your airport surroundings.

*The Danish company **Wildetect** has developed a device called "BirdAlert" that monitors the sounds from different bird species.*

BirdAlert is an intelligent system that recognizes specific species of birds by listening for them through the special BirdAlert microphone. In 250 meter radius, the system recognizes rooks, gulls, geese, and starlings by their unique sound.

Most Airports are monitoring sites in the surroundings by visual inspection. This process is time-consuming, and it does not give the full assessment of the wildlife activity since it is not done very often. BirdAlert listens to the sounds for you 24/7. The information can be made available to you in an easy to use web solution. This gives you a valuable insight and helps to identify the hazardous sites where action needs to be taken.

The system runs on solar power and is self-sustained. The bird sounds are recorded and classified, data is sent to the web-service enabling both real-time actions and historical analysis.

If this is relevant to you, please give your feedback in this survey ⊙

We wish to encourage knowledge sharing between airports and airlines in order to make the sky safer in the most effective ways.

We invite you to share your experiences, success stories, or challenges in our monthly updates!

We are proud to have you on board in the Airshare XYZ project and would like to thank you for your cooperation.

If you consider joining the project - contact us for more information.

Best wishes from the Airshare team!

Remember that you can always access previous Airshare XYZ monthly updates here ›

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