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About CFS & AERIUM

- On the edge between drone technology and nature
- Combining the latest technologies with expert knowledge and experience in the ecological domain
- 7 countries, 3 continents

- 55+ years of experience between CFS and AERIUM in environment & tech
- Team: 33 people

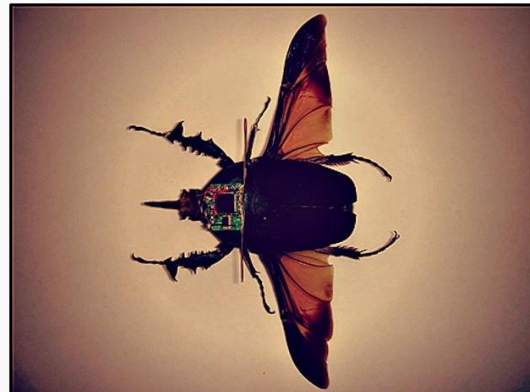
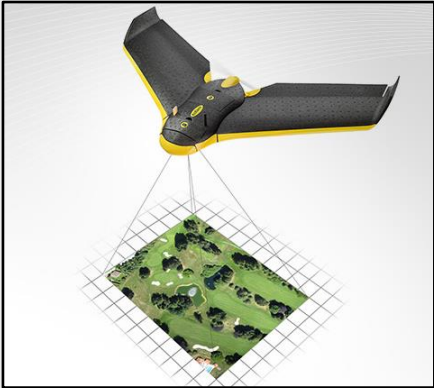
Emerging technologies, operational results, a message for the future



The First Revolution

The Second Revolution









UCA

UNMANNED CARGO AIRCRAFT

UCA



The numbers change – the game changes

~350.000 aircraft

~25.000 in the skies

DJI: >1.000.000 drones

€80B - €125B market



Weltweite Dienstleistungen
Wir synchronisieren die Welt des Handels



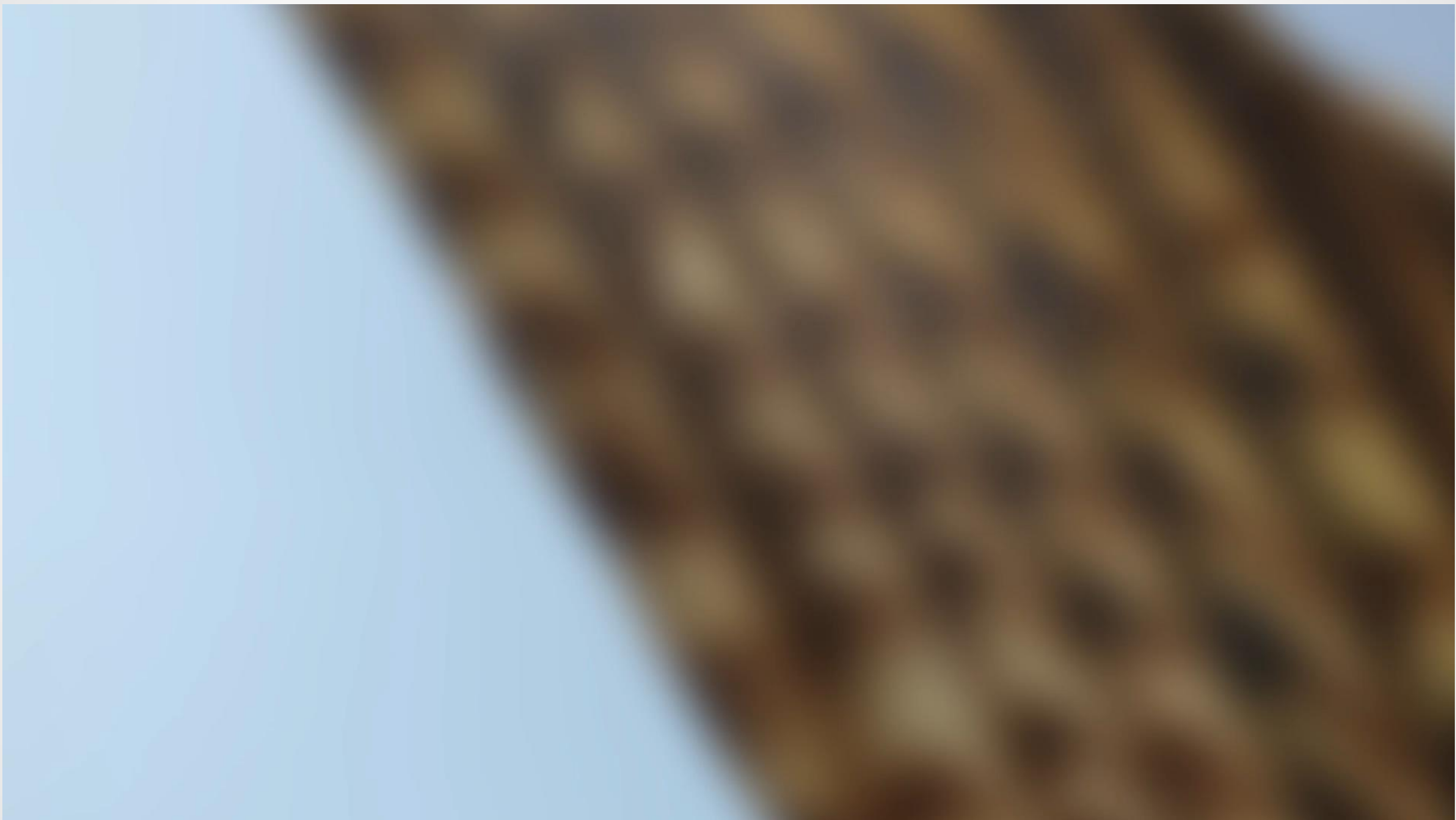
Weltweite Dienstleistung
Wir synchronisieren die Welt des Handels



FedEx®

FedEx®

We create birds

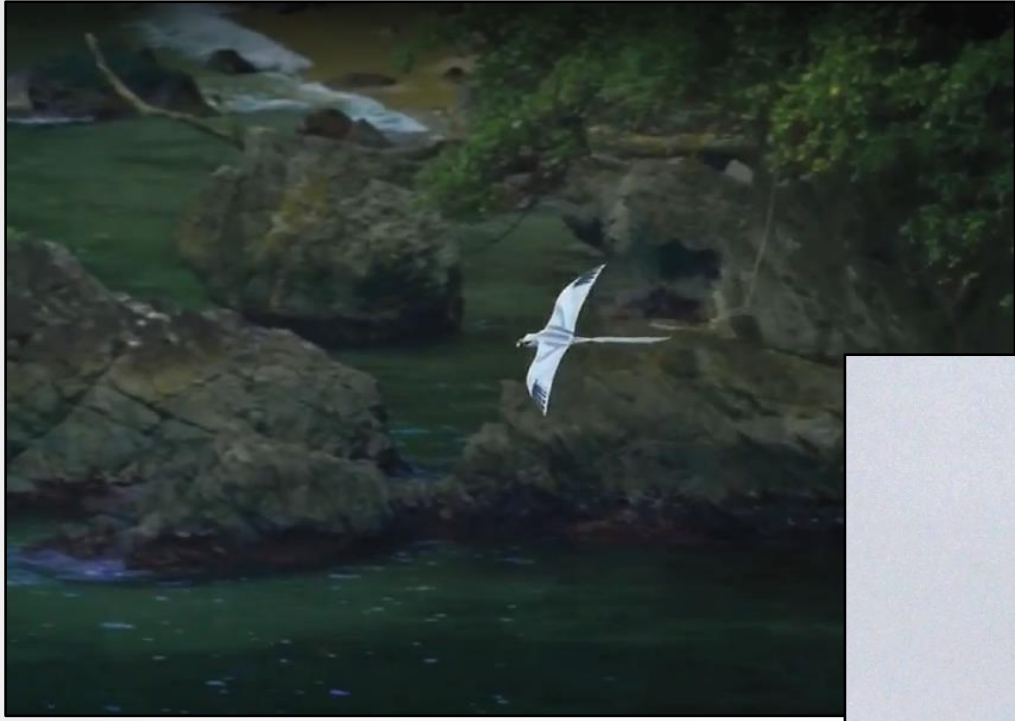


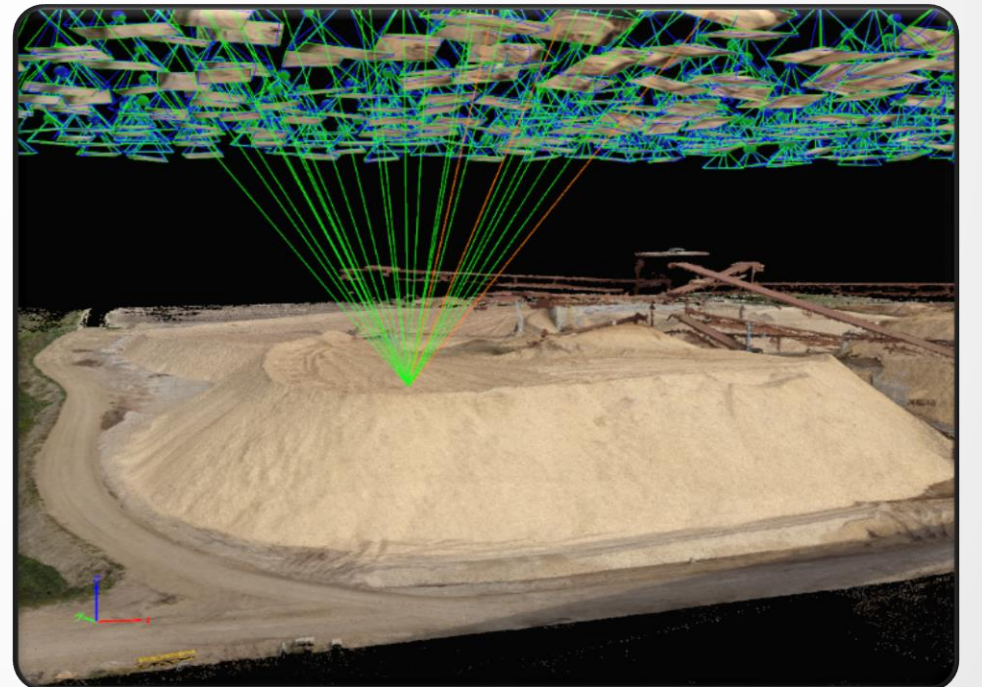
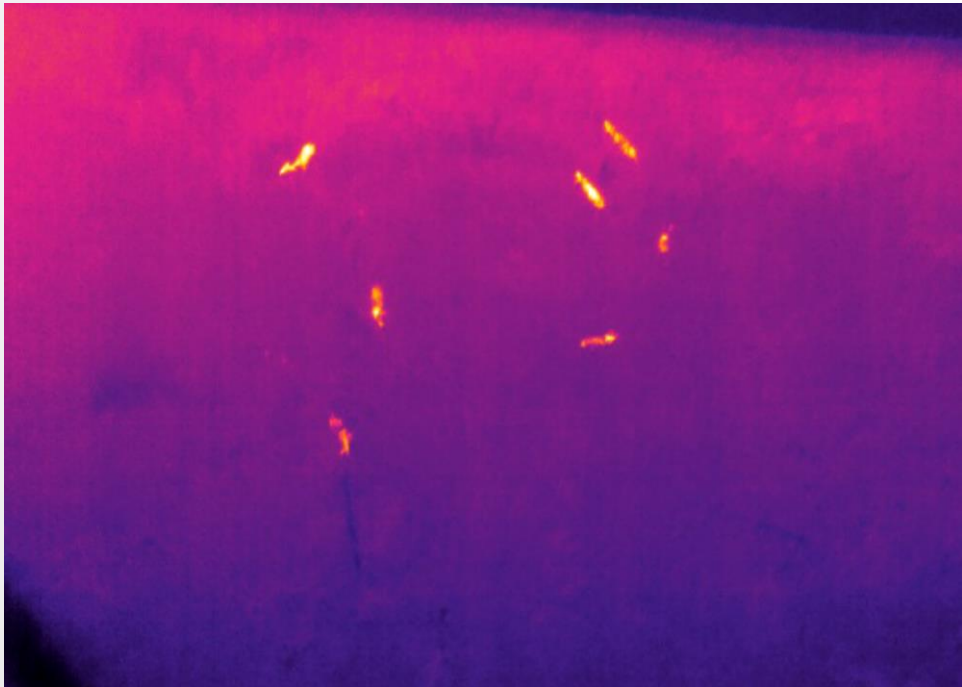
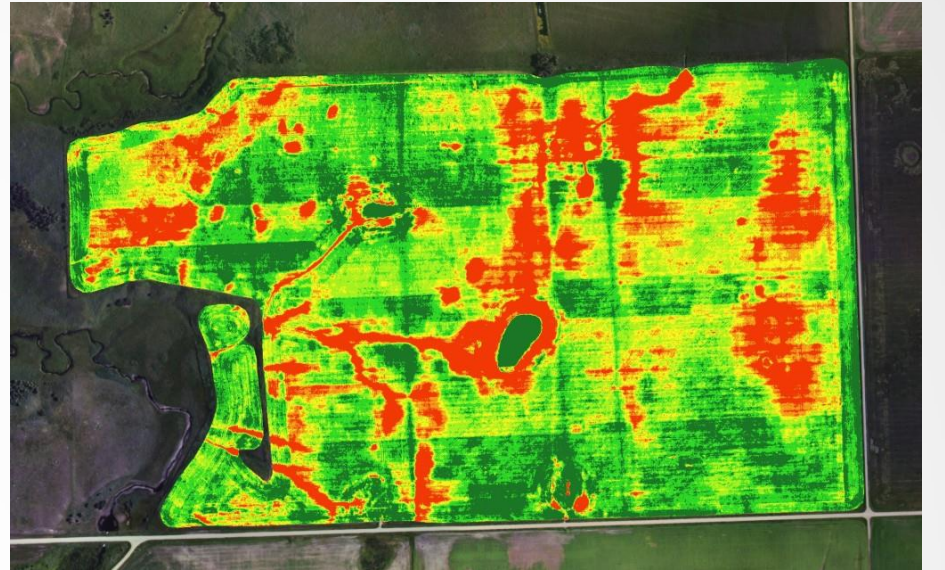


Terrie

Amelia


CLEAR FLIGHT
SOLUTIONS





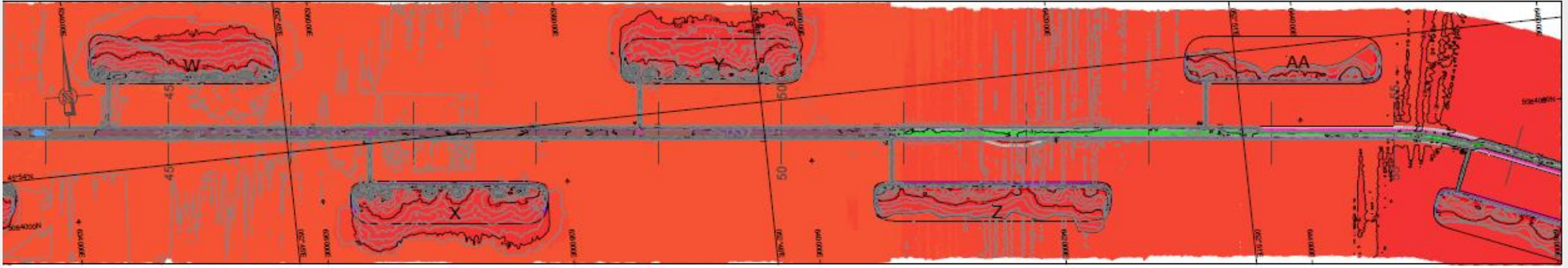
Van Oord



Marine ingenuity



Bird control operation



- 2016: 5 islands to be kept clear, 5 islands to be used as ecological buffer
- Total area: ~25 square km
- Greatly increase the perceived predation pressure
- Teach birds to associate EVERYTHING with predatorial activity
- Give the animals an ALTERNATIVE, if possible
- Decrease LONG TERM populations

Bird control operation

- Robirds at daylight
- Automated lasers at evening/night/morning
- Acoustics as a support
- Pavlov effect between Robird/laser and Robird/sound

- 2016 season observations in the buffer zone:
 - >1.500 gulls 120 breeding pairs
 - >4.000 terns >1.000 breeding pairs

- 16 nests on important islands. Downtime on dredging: 30 minutes for an entire season

Bird control operation



Food for thought

- Embrace innovation
- Airport Executives: LISTEN to your wildlife biologists
- PROVIDE them with the right BUDGETS
- Think about SMARTER ways to LEVERAGE a good strategy towards your clients
 - Airlines, Insurance Agencies, etc etc.
- The CHALLENGE with airports is NOT ON THE AIRPORT





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