



Nordic Bird Strike Advisory Group

Reykjavik

October 20th 2011

Keflavik Iceland



Key Figures

- Three Municipalities own the land
- Total population of area aprr. 20.000 in Reykjanesbær, Garður og Sandgerði
- Distance to Reykjavik is 41 km
- 700 Isavia employees at KEF



Keflavik International Airport

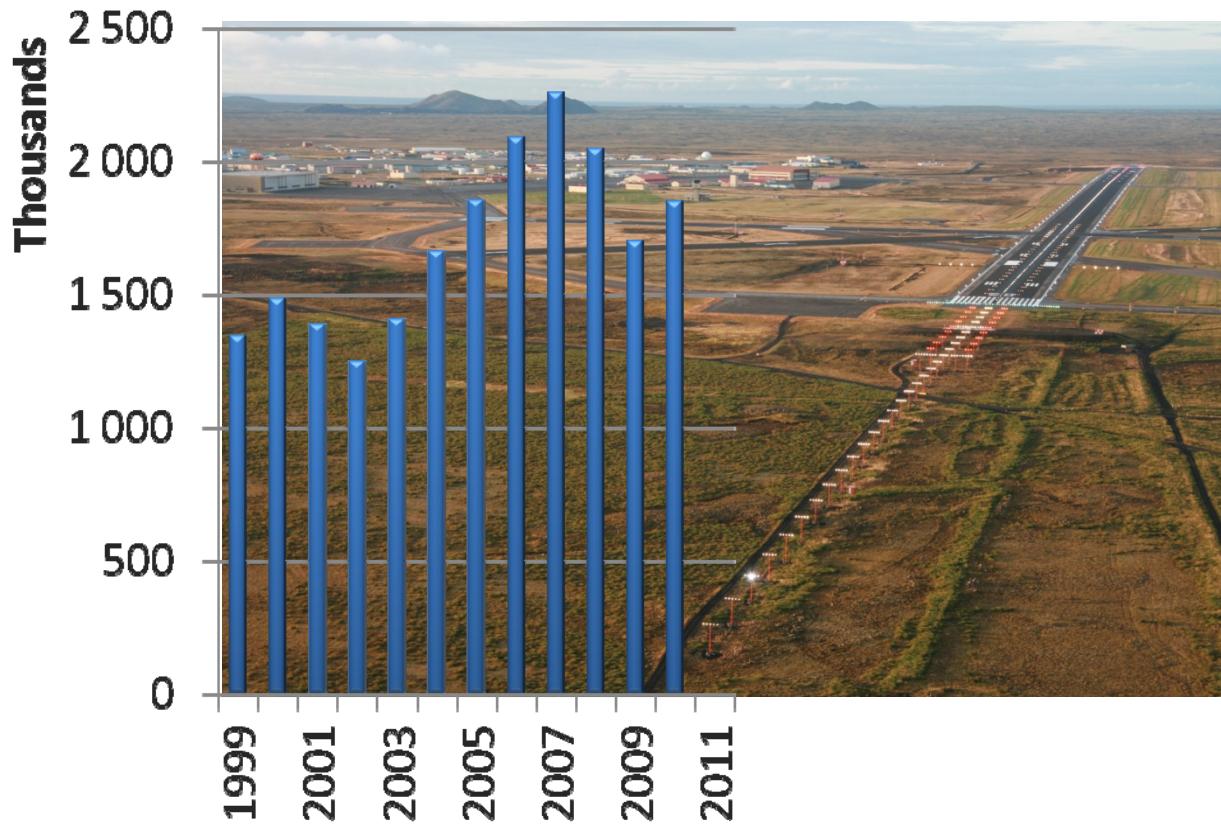


Key Figures

- Appr. 20 square km
- Appr. 200 hectares of paved areas
- Runways 02/20 and 11/29 both over 3.000 meters
- Aircraft movements 52.417 in 2010
- International flight movements 21.942 in 2010
- Number of passengers 1.791.143 in 2010



International Passengers



Bird Control Governance



- Safety Policy (Öryggisstefna)
- Aerodrome Manual (Flugvallarhandbók)
- Procedure/Verlagsregla VR731 09-1 Fuglaeftirlit
- Procedure/Verlagsregla VR731 10-1 Skyldur fuglaeftirlitsmanna

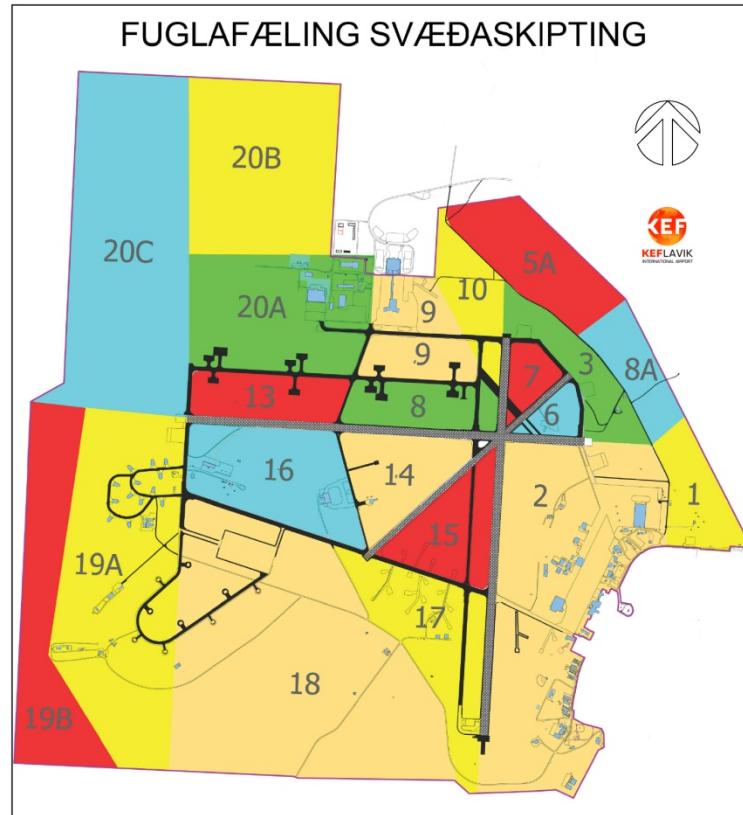


Birds at KEF

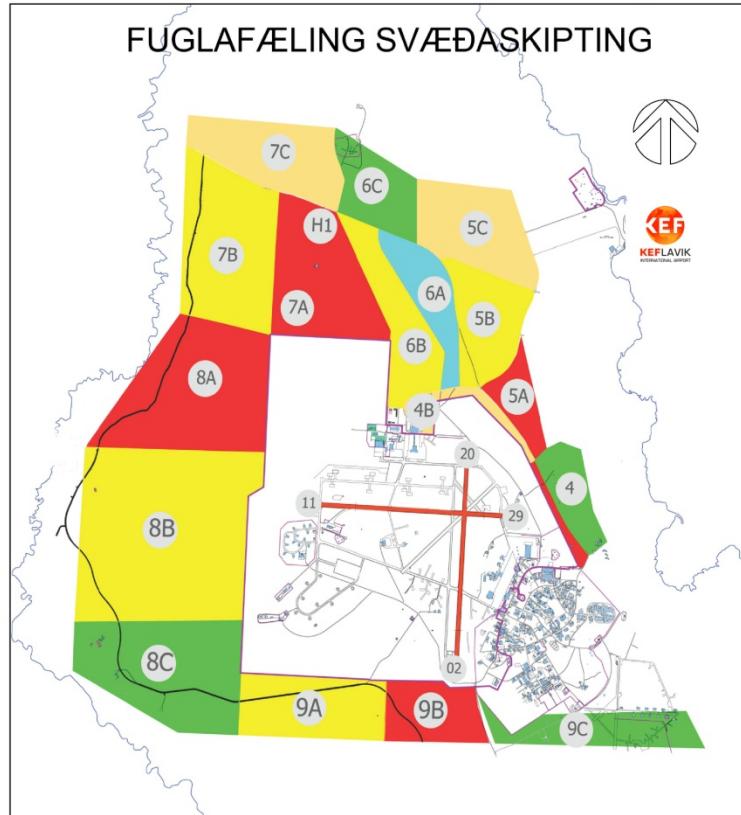


Tegundir fugla	Tímabil	Þyngd ~ kg	Fæða	Búsvæði
Sílamáfur	Apríl- sept.	0,9	Alæta	Mólendi, flatlendi
Silfurmáfur	Allt árið	1,1	Alæta	Mólendi, flatlendi
Svartbakur	Apríl- sept.	1,7	Alæta	Mólendi, flatlendi
Grágæs	Haust	3,3	Jurtafæði (gras)	Heiðar, árhólmrar og fl.
Endur/æðarfugl	Maí - júní	2,0	Lindýr (kræklingar)	Sjór og fjörur
Kría	Maí - ágúst	0,110	Síli	Sléttlendi, fjörur,mólönd
Mófugl	Apríl - sept.	0,02-0,057	Skordýr, jurtir	Mólendi
Vaðfugl	Apríl - okt.	0,04-0,06	Skordýr, ormar	Votlendi
Kjói	Maí – sept.	0,470	Smáfuglar, ungar, egg	Flatlendi, mýrlendi, sandur
Rjúpa	Allt árið	0,500	Jurtafæði	Heiðarlönd
Hrafn	Vetur	0,900	Alæta	Klettar, gljúfur, hraun

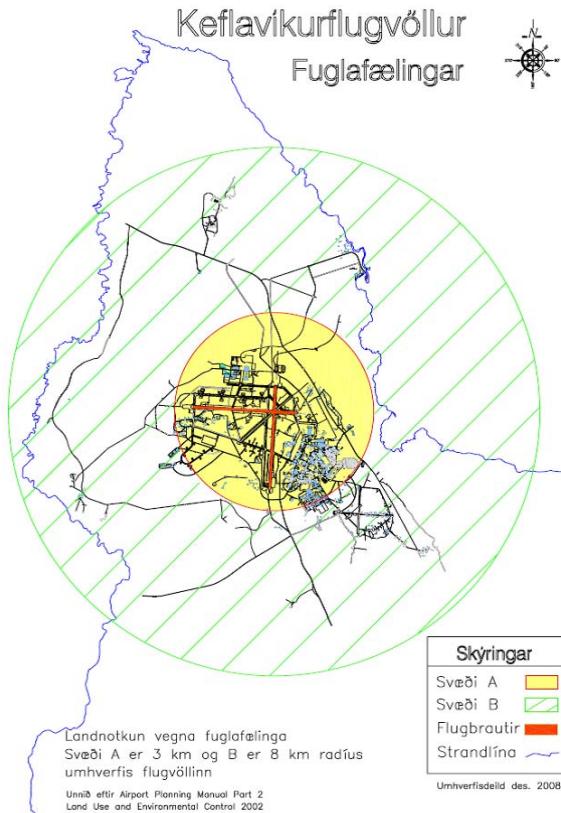
BASH Field - Airside



BASH Field - Landside



Bird Circle Attracting Area



Preventive Measures

Natural

- Lupin seeds planted since 1985
- Fertilizer on runway shoulders
- Fox population „conserved“



Preventive Measures

Mechanical / traditional

- Training
- Bird Control
- Air Cannons
- Sound



Result of preventive meas.



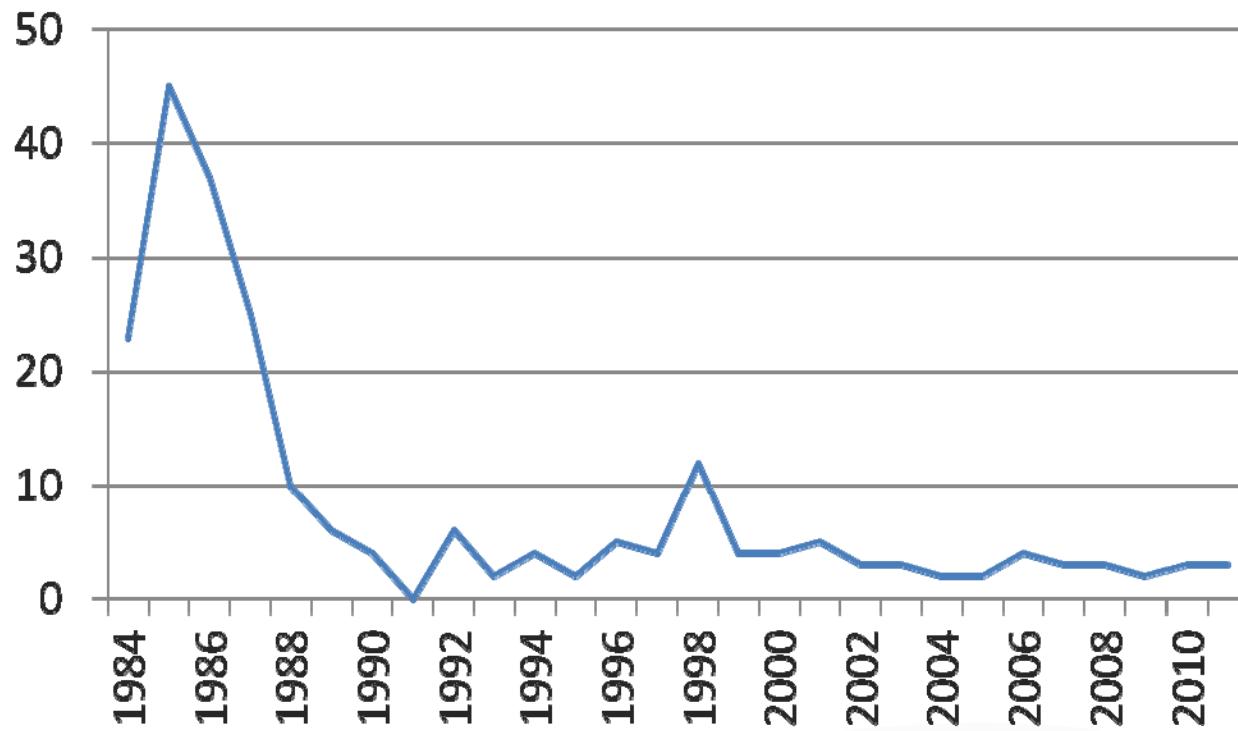
- No Seagull nests inside Airport Area!



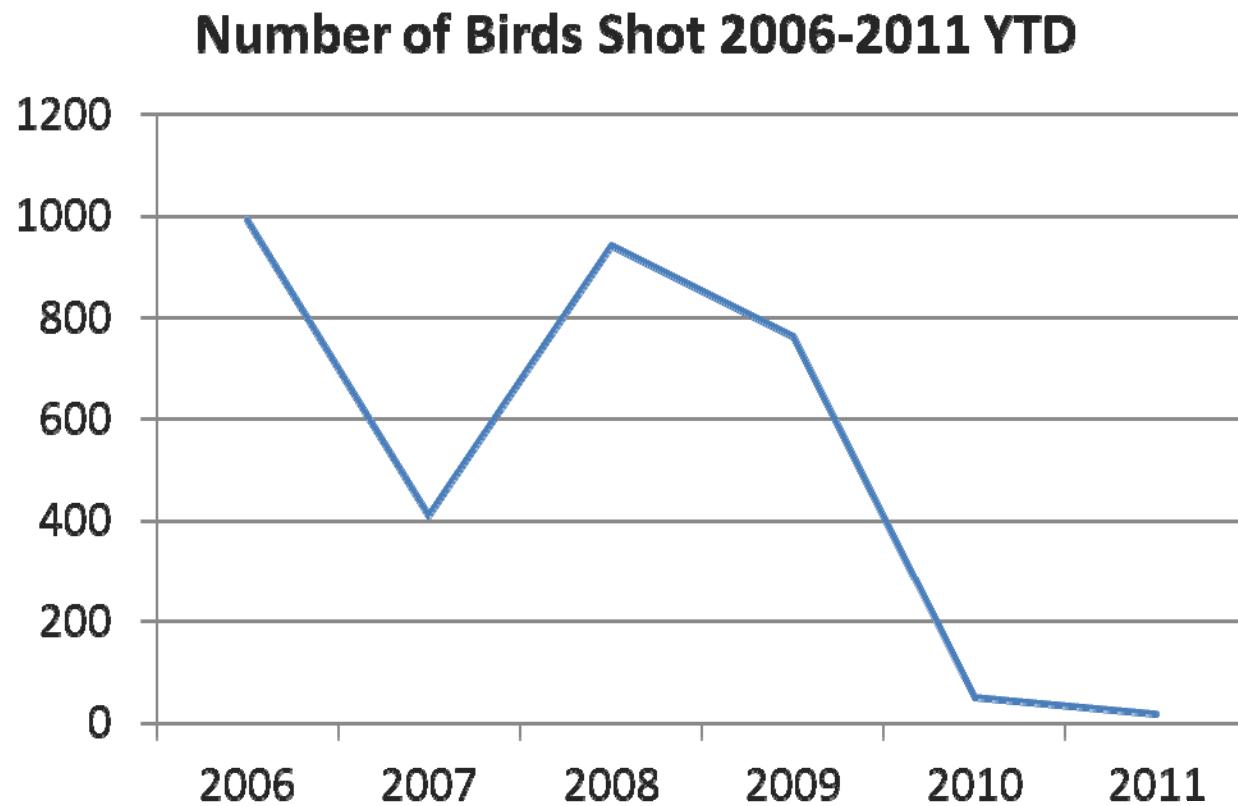


Number of Bird Strikes

Number of Bird Strikes 2006-2011 YTD



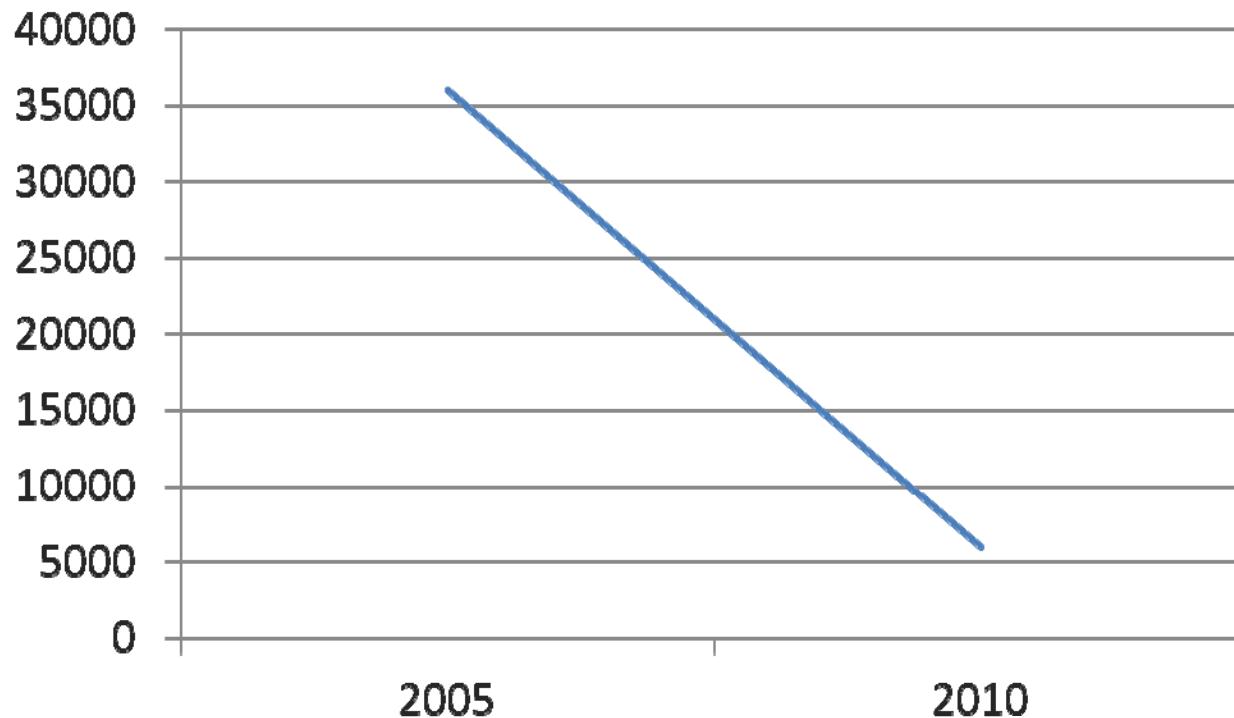
Number of Birds shot



Seagull Population



Seagull Population from 2005 to 2010





Þotuhreiðrið (Jet Nest) at Flugstöð Leifs Eiríkssonar





All birds are not equal...



Winter action at KEF...





Winter action at KEF...





Thank you...

