



HELCOM

Stranding database, Stranding network Polish experience

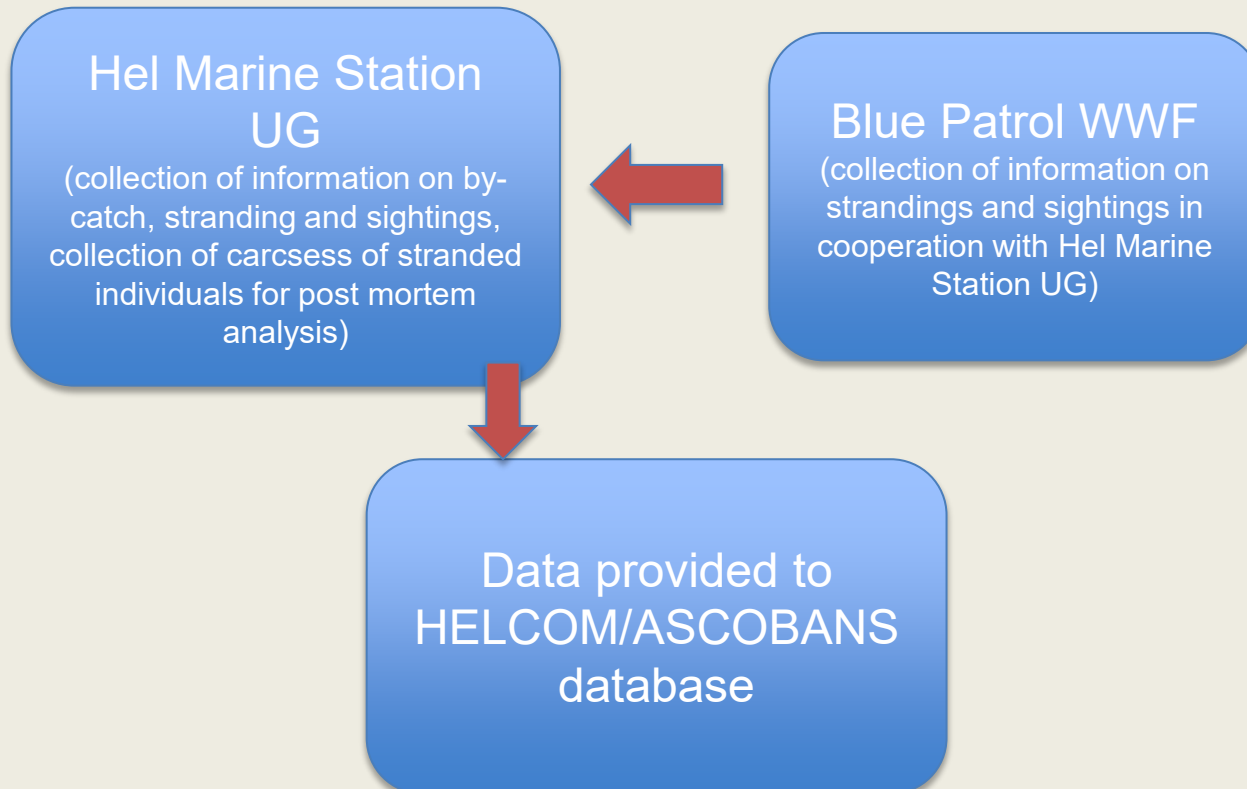
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I.Pawliczka (IOUG Hel Marine Station)



Stranding database in Poland

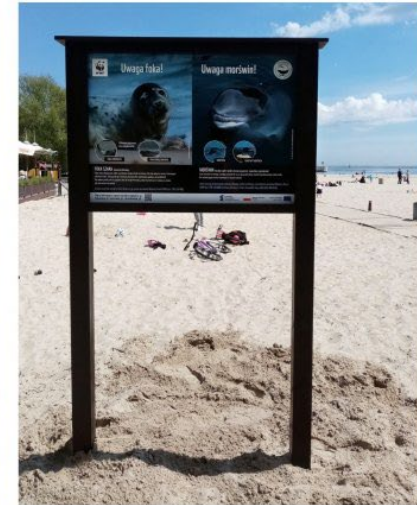
No nationally designed and funded stranding network in Poland.
Prof. Krzysztof Skóra Hel Marine Station UG has maintained the stranding database since 1980.

Since 2010 data has been collected with the help of Blue Patrol of WWF Poland.



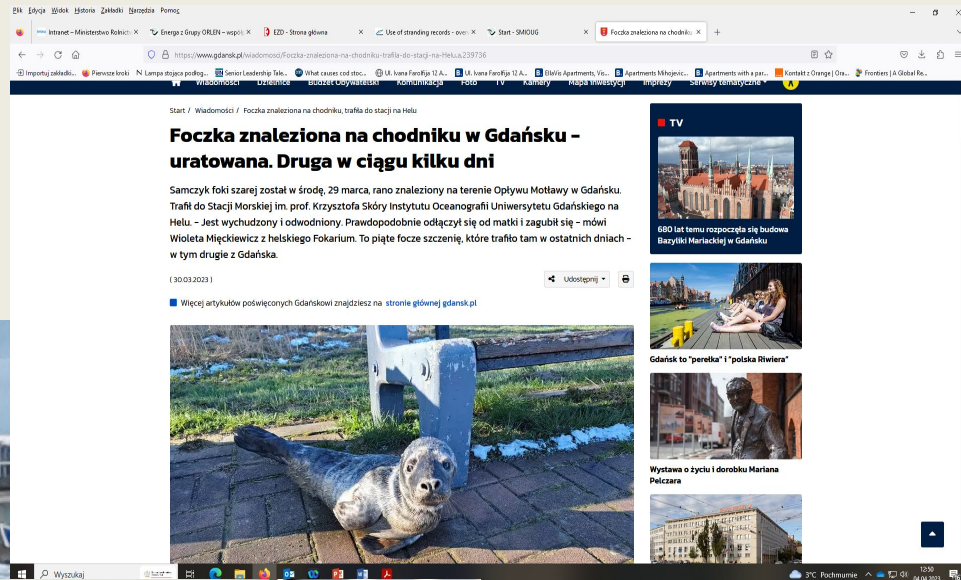
Stranding and sightings network/ cooperation with society Collection of data

Information boards who to contact (in case of sightings or stranding) are easily accessible at the Polish marine coast



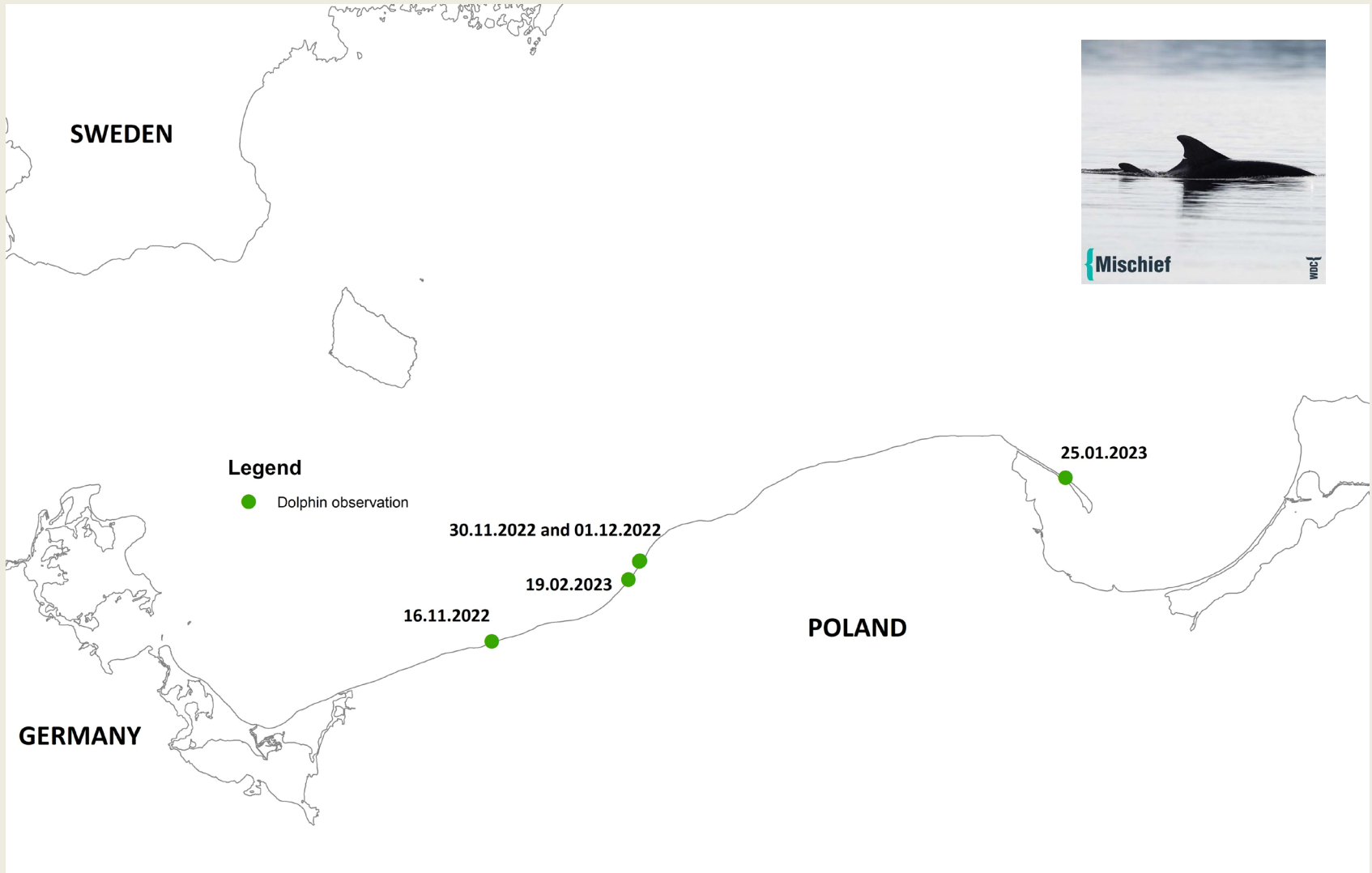
Recent examples (alive seals observations and rescue)

Gdańsk, 29.03.2023
Gdynia, 3.04.2023



Source: <https://www.gdansk.pl/wiadomosci/Foczek-znaleziona-na-chodniku-trafila-do-stacji-na-Helu,a.239736>, Hel Marine Station

Sightings of *T.truncatus*



Further examples of data collected via stranding network and their use

22.09.2019

between Dąbki and Łazy

- 54.331725
- 16.232461
- decomposed



2019-07-02

Dąbki

- 54.380800
- 16.310100



2019-07-06

Pogorzelica

- 54.112800
- 15.148800



2019-07-17

between Międzyzdroje and Wiselka

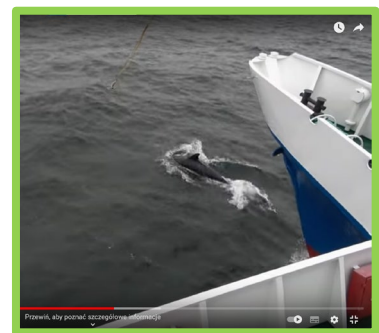
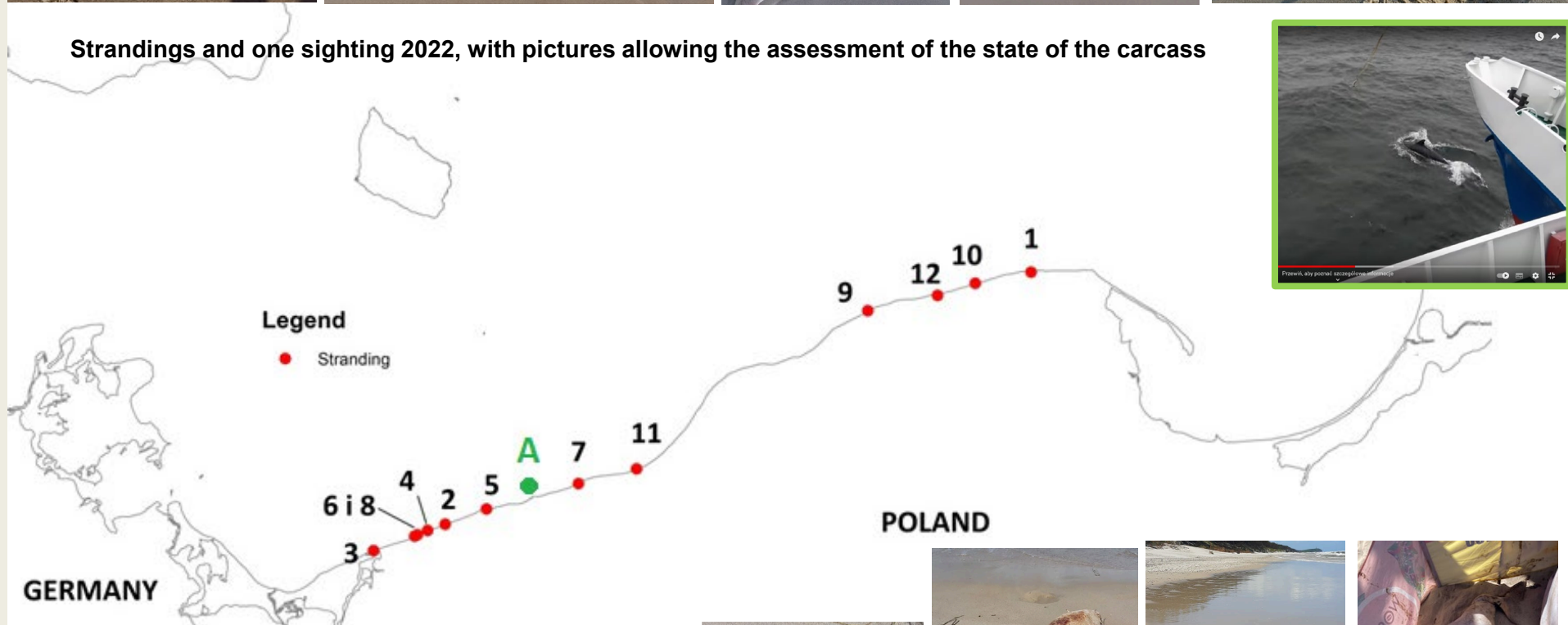
- 53.959902
- 14.493299



Source: WWF/HMSUG stranding database (2019)



Strandings and one sighting 2022, with pictures allowing the assessment of the state of the carcass



Data: Hel Marine Station UG/WWF

Stranding database and data availability

Database updated by scientific experts on a basis of information provided by stranding network (limited access to the database).

Stranding data can be used by managers, investors, scientists.

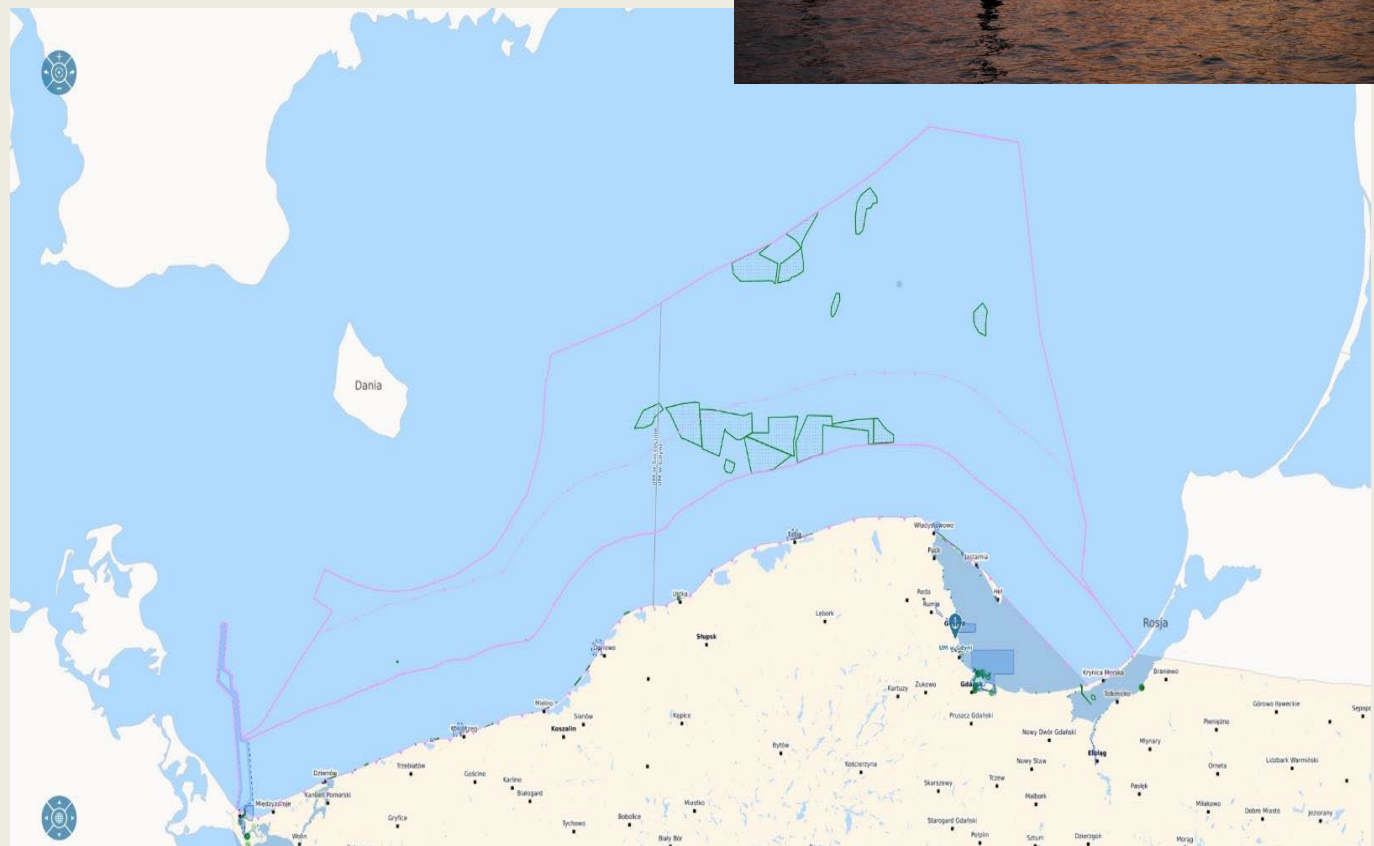
Data for managers, investors (provided on request) may include: date, location of stranding/sighting (coordinates, name of the town) (and e.g. possible reason for death if possible to assess)

Data for scientists may include:

date, location, picture allowing assessment of the condition of carcass, if carcass is in good state: possible reason for death, length, sex, information if carcass was collected for necropsy.

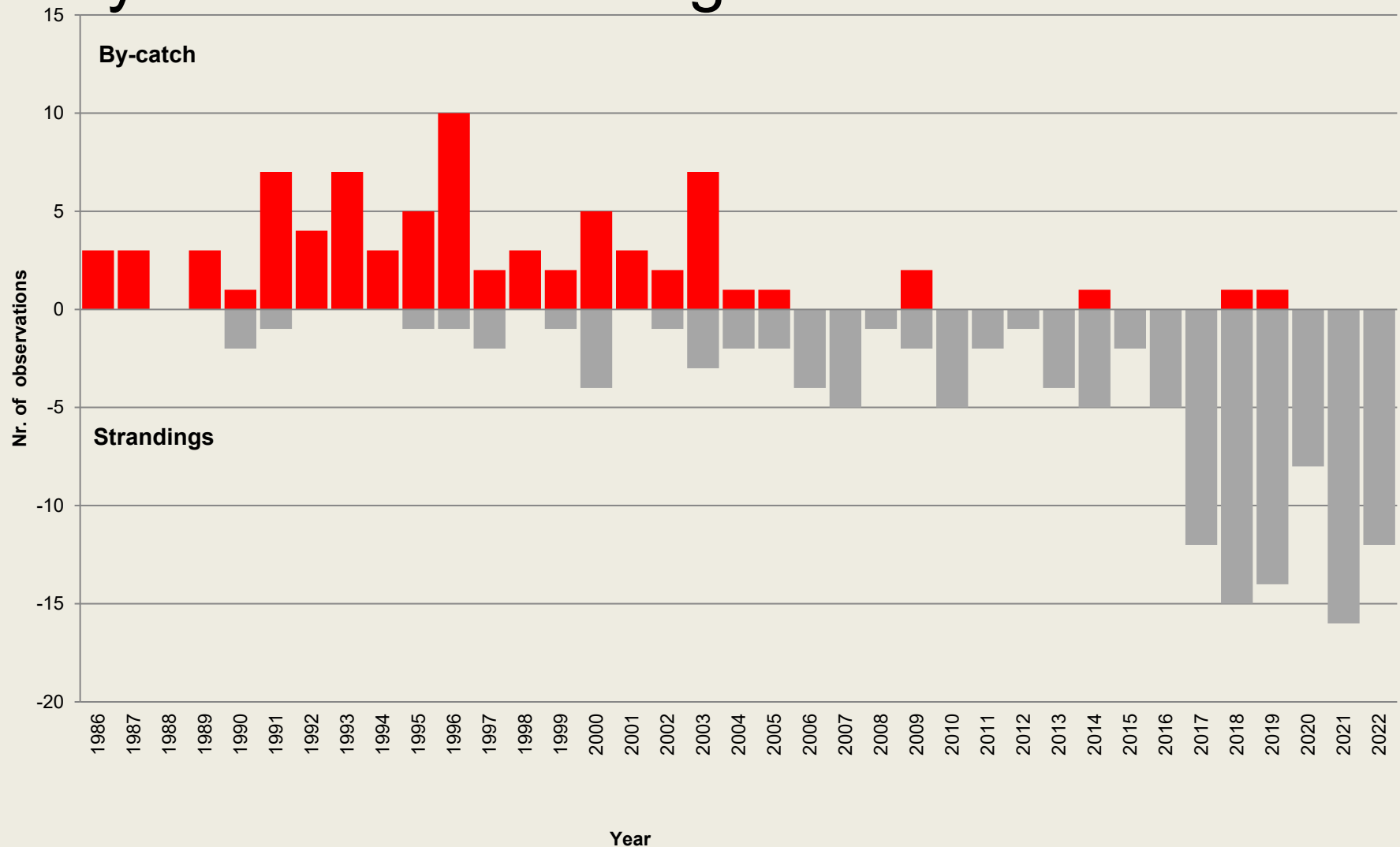
Identify groups and organisations who would use the data?

Where to
locate
investments
such as
windfarms?



Source: Ministry of
Infrastructure, PL

Effectivity of stranding scheme - reported bycatch and strandings data



Data: Hel Marine Station UG

Necropsies

Usually carcasses are in a bad state samples of teeth and bones can be taken for genetic studies (in rare occasions necropsy can be conducted).



One of the carcass to be taken under necropsy examination, Hel Marine Station,

Conclusions

- In PL we have well developed, efficient network of volunteers to monitor the shore and provide information on strandings and sightings;
- Data are provided to the database kept and updated by nominated expert
- Data are used (in PL case) for various purposes, including bycatch estimation, environmental impact assessment during planning and construction of e.g. windfarms, and for necropsies (if the state of carcass allows to do the necropsy).

Thank you for your attention

