

Pilot project on monitoring of marine habitats and species (2015-2018)

RESULTS OF PROJECT

National Fund for Environmental Protection and Water Management



Chief Inspectorate for Environment Protection

Maritime Institut in Gdańsk

DHI Polska

TAXUS IT



Monitoring campaign of harbour porpoise

➤ Methods

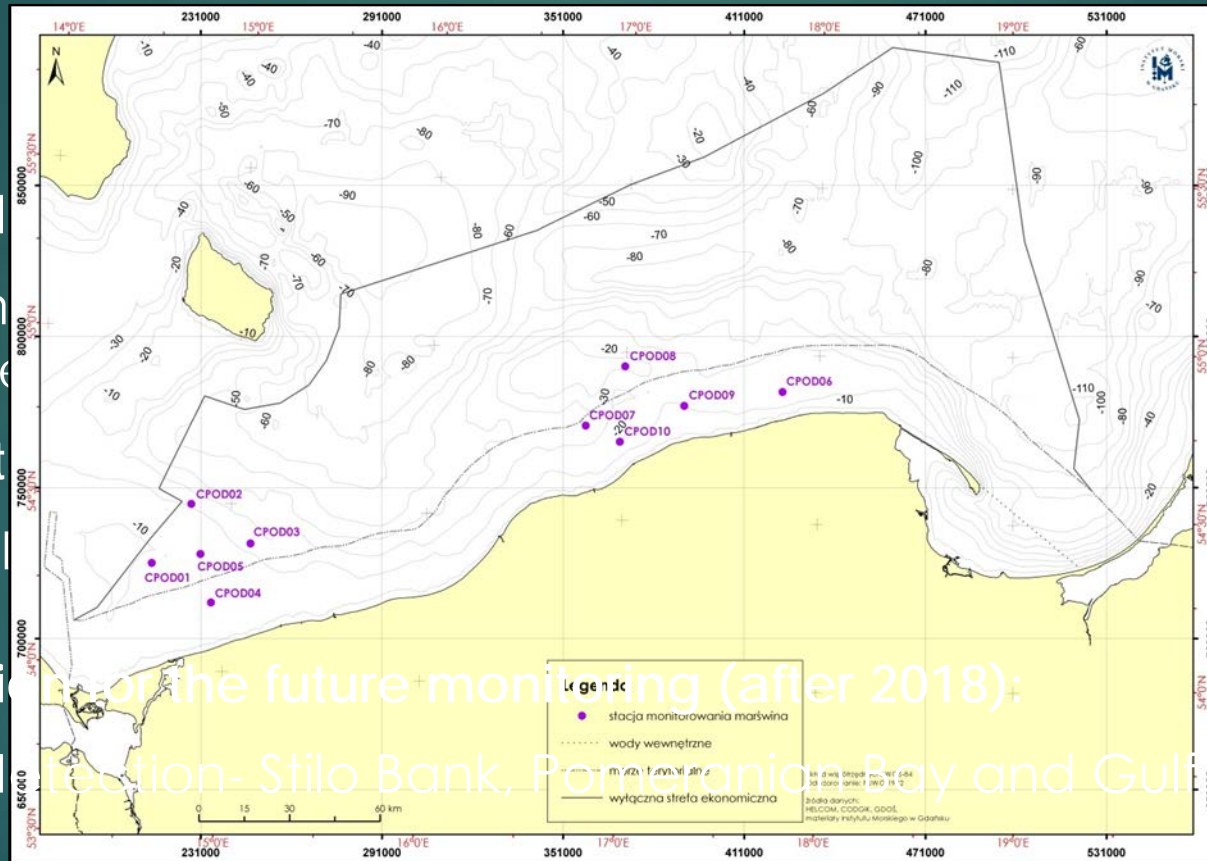
Passive acoustic detection
Aerial survey- monitoring
the presence/absence

➤ Data analysis stage

Parameters: DPD, I

➤ Recommendations

Passive acoustic detection
localization)



5 C-PODs at each localization)

1000m transects to determine

reproduction

for the future monitoring (after 2018):

Stilo Bank, Port of Gdynia, Port of Gdansk, Bay and Gulf of Gdańsk (5 C-PODs at each

Monitoring campaign of grey seal

➤ **Methods**

Aerial survey- Aerial surveys were conducted along the entire Polish coast; DJI Phantom Pro - FC6310 (drone) and photographic documentation was prepared (2018)

➤ **Data analysis stage**

Parameters: occurrence, number of individuals, reproduction

➤ **Recommendation for the future monitoring (after 2018):**

Yearly monitoring- one aerial survey flight during the reproduction period (February / March) and 2 aerial surveys made by drone in May and June to determine the abundance of gray seals on the Polish Coast

Monitoring campaign of common seal

➤ **Methods**

Aerial survey- Aerial surveys were conducted along the entire Polish coast; DJI Phantom Pro - FC6310 (drone) and photographic documentation was prepared (2018)

➤ **Data analysis stage**

Parameters: occurrence, number of individuals, reproduction

➤ **Recommendation for the future monitoring (after 2018):**

Yearly monitoring- two observation flights in May and June to determine abundance; one observation flight during the break-up period (July)

Monitoring campaign of ringed seal

➤ **Methods**

Aerial survey- Aerial surveys were conducted along the entire Polish coast; DJI Phantom Pro - FC6310 (drone) and photographic documentation was prepared (2018)

➤ **Data analysis stage**

Parameters: occurrence, number of individuals, reproduction

➤ **Recommendation for the future monitoring (after 2018):**

The dedicated monitoring of a ringed seal in Polish sea areas is not recommended.