




The UK government has committed to tackling cetacean bycatch in UK waters through the UK Marine Strategy and the Fisheries Act 2020:

-  **Fisheries Act 2020**
-  **Ecosystem objective** "incidental catches of sensitive species are minimised and, where possible, eliminated"
-  **Bycatch objective** "catching of fish that are below minimum conservation reference size, and other bycatch, is avoided or reduced"




Defra and Cefas are developing a fisher led approach to better monitor and mitigate cetacean bycatch:

Clean Catch UK (CCUK)





Working in partnership with the fishing community and led by Cefas. CCUK brings together stakeholders from across UK government, fishing industry, research and NGOs to reduce wildlife bycatch in UK fisheries.

CCUK **monitors** cetacean presence and bycatch incidences using:

-  **C-PODs & F-PODs** - acoustic devices to detect cetacean clicks.
-  **CleanCatch App** - self-reporting bycatch app.
-  **Remote Electronic Monitoring (REM)** - record videos to support the CleanCatch App data.

CCUK **mitigates** against bycatch trialing technical adaptations:

-  **Pinger trial** - emit sounds to deter cetaceans.
-  **Passive Acoustic Reflectors (PAR)** - reflect cetacean clicks.

National Steering Group


Policy makers, fishing industry members, scientists and NGOs.

Regional Working Group

Scientists, fishing industry representatives, NGO observers and specialists.

Local Focus Groups

Fishing industry and local NGOs in Cornwall.




The south west is a bycatch hotspot 



Insight360



An innovative tool offering a 360-degree view of what's happening at sea during a wildlife sighting or bycatch event.

-  Co-developed and continually refined with fishermen, a voice to text converter **captures the spoken accounts** of those onboard, hands free.
-  GPS logs the location, cameras record the haul, and machine learning **automates reporting**.
-  Targeted snippets of data are produced, **removing the need to manually review footage**, making Insight360 a **cost effective** way for skippers and crews to train a monitoring system to automatically recognise, and record bycatch events.

Funded by Defra, Insight360 is a collaborative partnership between Arribada, Cefas, ZSL, Mindfully Wired Communications, and fishermen working to put industry experience at the heart of designing practical solutions to bycatch.

