

# WGBIE

## Working Group for the Bay of Biscay and the Iberian Waters Ecoregion

Fisheries Resources  
Steering Group (FRSG)

## RESEARCH FOCUS

- WGBIE carries out stock assessments for 24 commercial fish stocks distributed over a large area of the Northeast Atlantic shelf - from ICES Division 3a to 4a.
- WGBIE currently comprises 35 fishery scientists from 6 countries (France, Ireland, Norway, Portugal, Spain, and the UK)
- WGBIE is committed to improving the quality of science in support of ICES advice.

## OUR OBJECTIVE

- Our objective is to provide the technical basis for the advice based on the most adequate, sound, and scientifically validated stock assessment methods.
- And have fun afterwards.

## OUR EXPERTISE

- We are good at assessing the number of fish hidden beneath the surface of the sea. To do this well, we need to know a few things:
  - Stock identification methods
  - Spatial analysis (UWTV, INLA, etc)
  - Life-history
  - Fleet behavior
  - Data limited methods
  - Surplus-production models
  - Age-structured models
  - Length-structured models
  - Integrated assessment models
  - Management strategy evaluation
  - R programming

## OUR TEAM



## OUR CHAIRS



Ching Villanueva



Santiago Cerviño

Scan and learn more  
about our work

