

# EMFF UP 3 Data collection scheme

## *Project 2017-2020*



*EMFF Monitoring Committee  
May 23<sup>rd</sup> 2017*

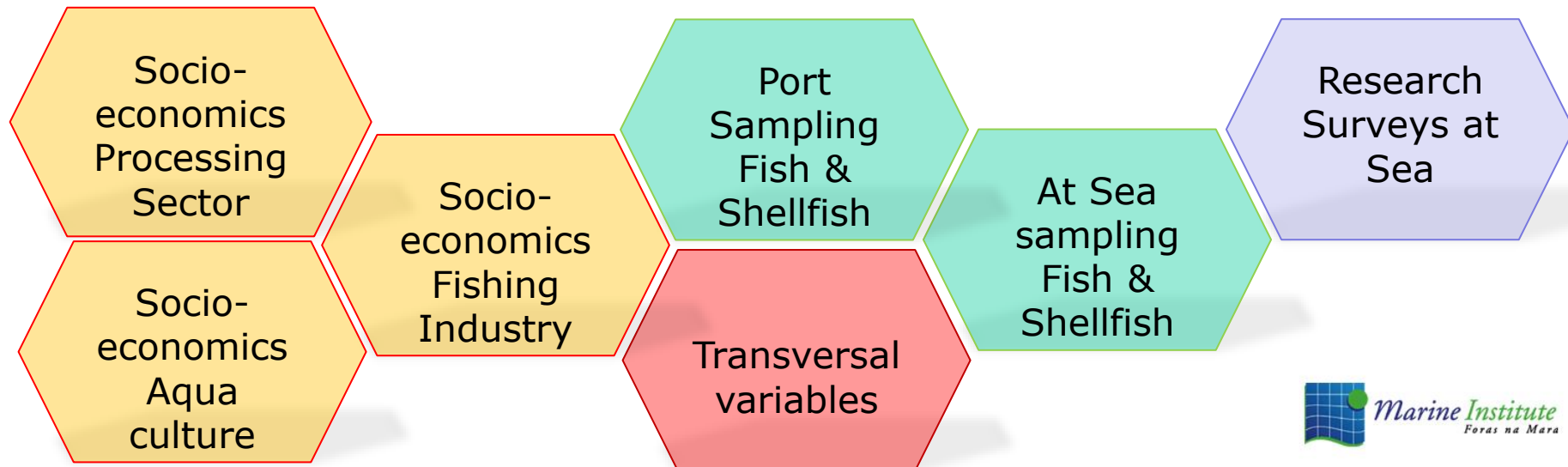


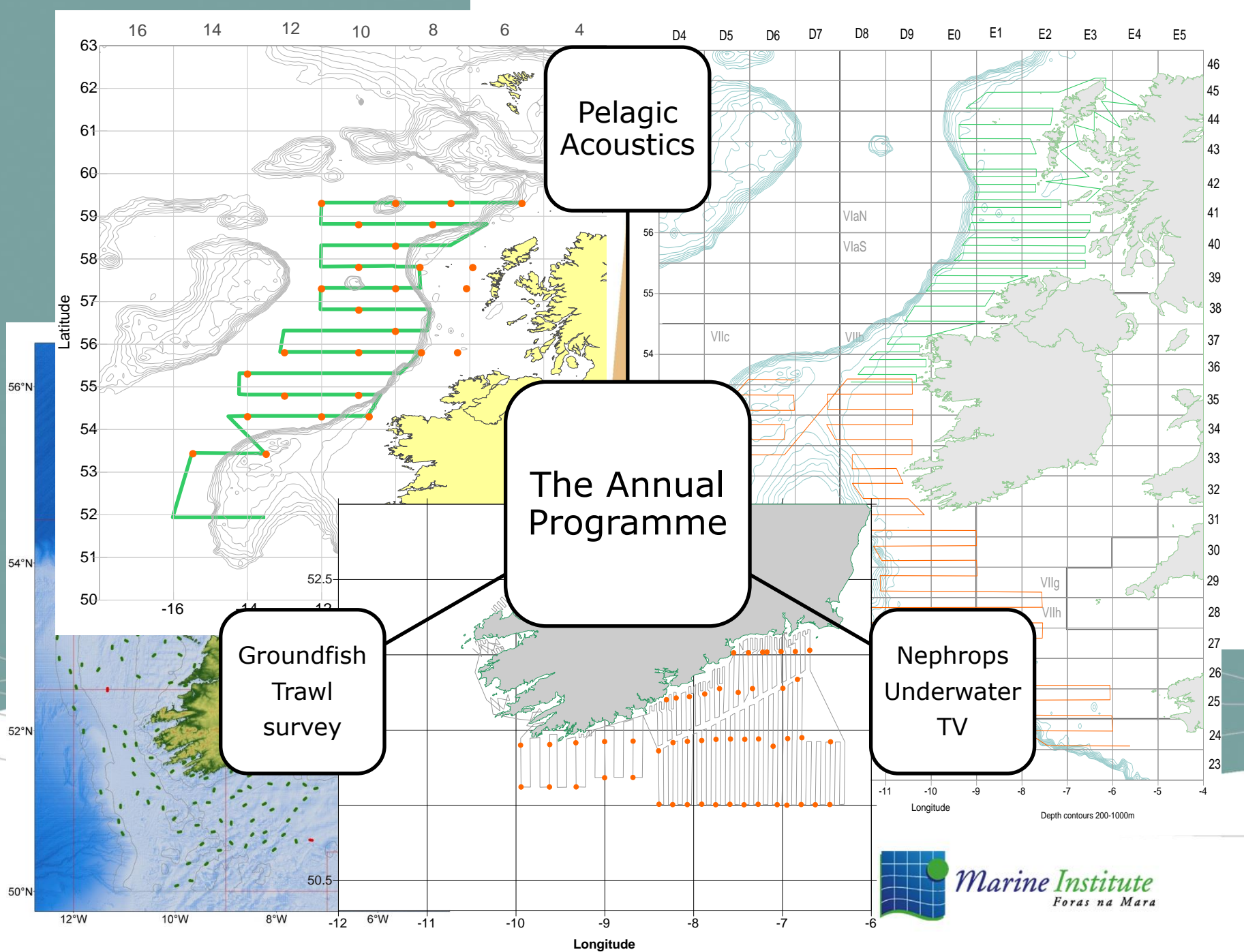
## Components of the Data Collection Scheme

Scientific Advice to support the CFP

Data Analysis & Data calls

Data collection





Pelagic Acoustics

The Annual Programme

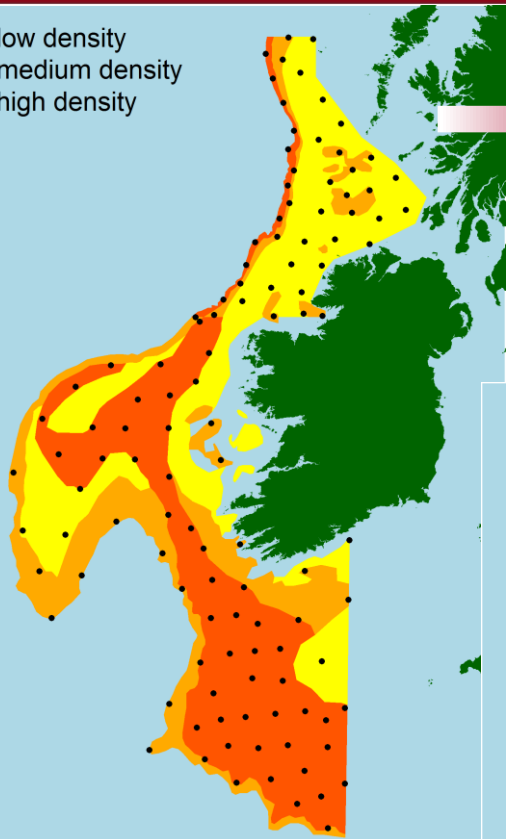
Groundfish Trawl survey

Nephrops Underwater TV

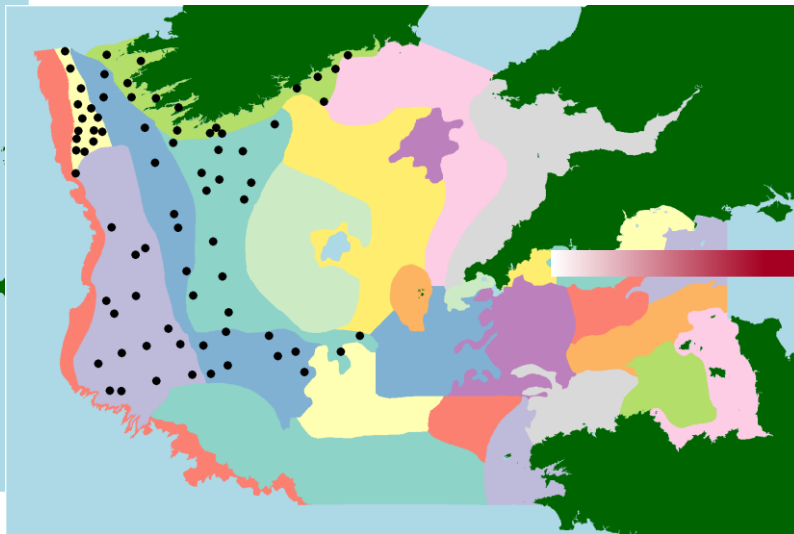


# New surveys under the DCF- Monk & Megrin

- low density
- medium density
- high density



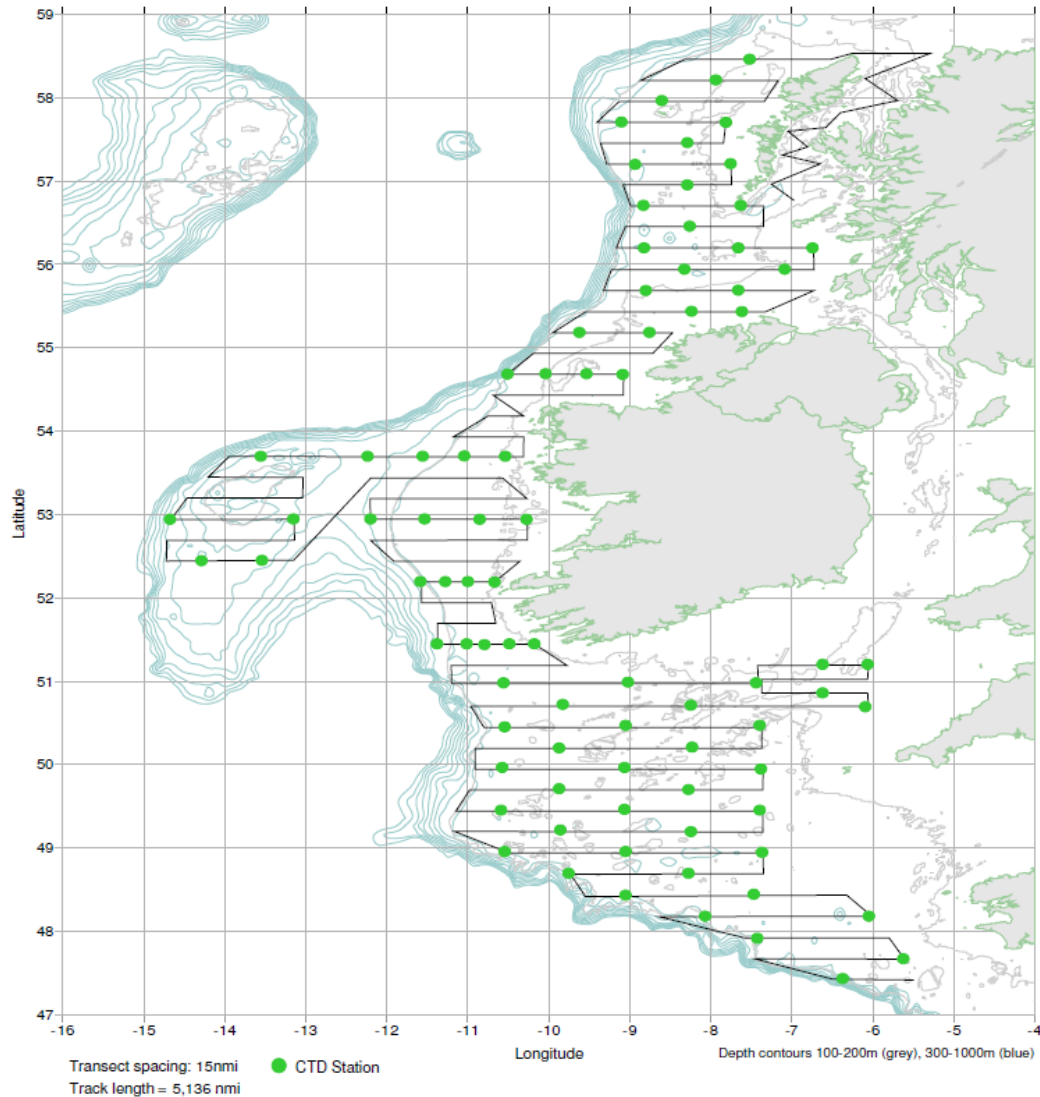
January & March  
Standardised and coordinated  
with Marine Scotland



March  
Standardised and  
coordinated  
with CEFAS

# Data Collection Programme 2017

## New since 2016: WESPAS



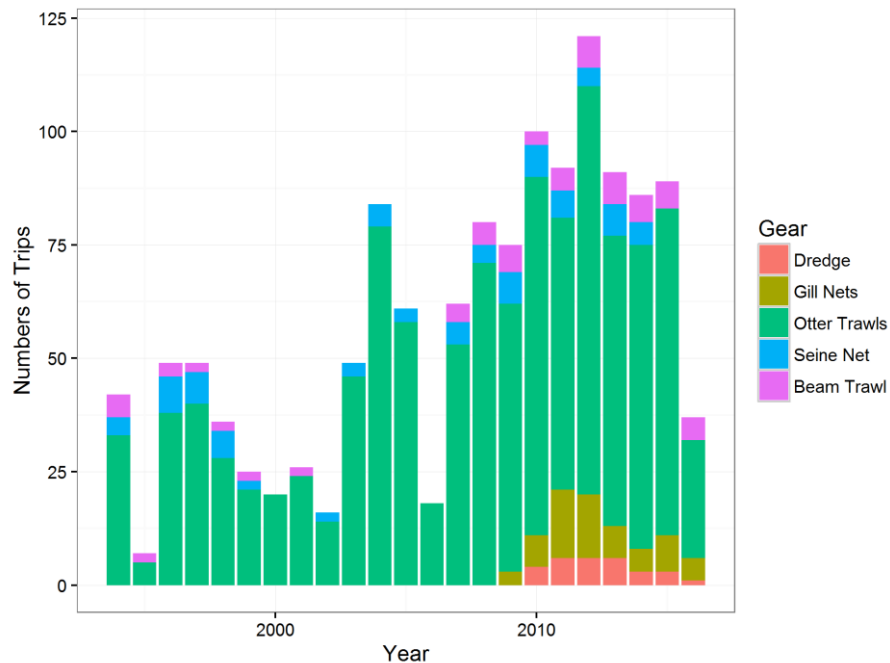
*Western European  
Shelf  
Pelagic Acoustic  
Survey  
WESPAS  
2017*



## Catch Sampling Programme 2017+



Moving towards  
"Statistical Sound  
Sampling Scheme"  
**4S**

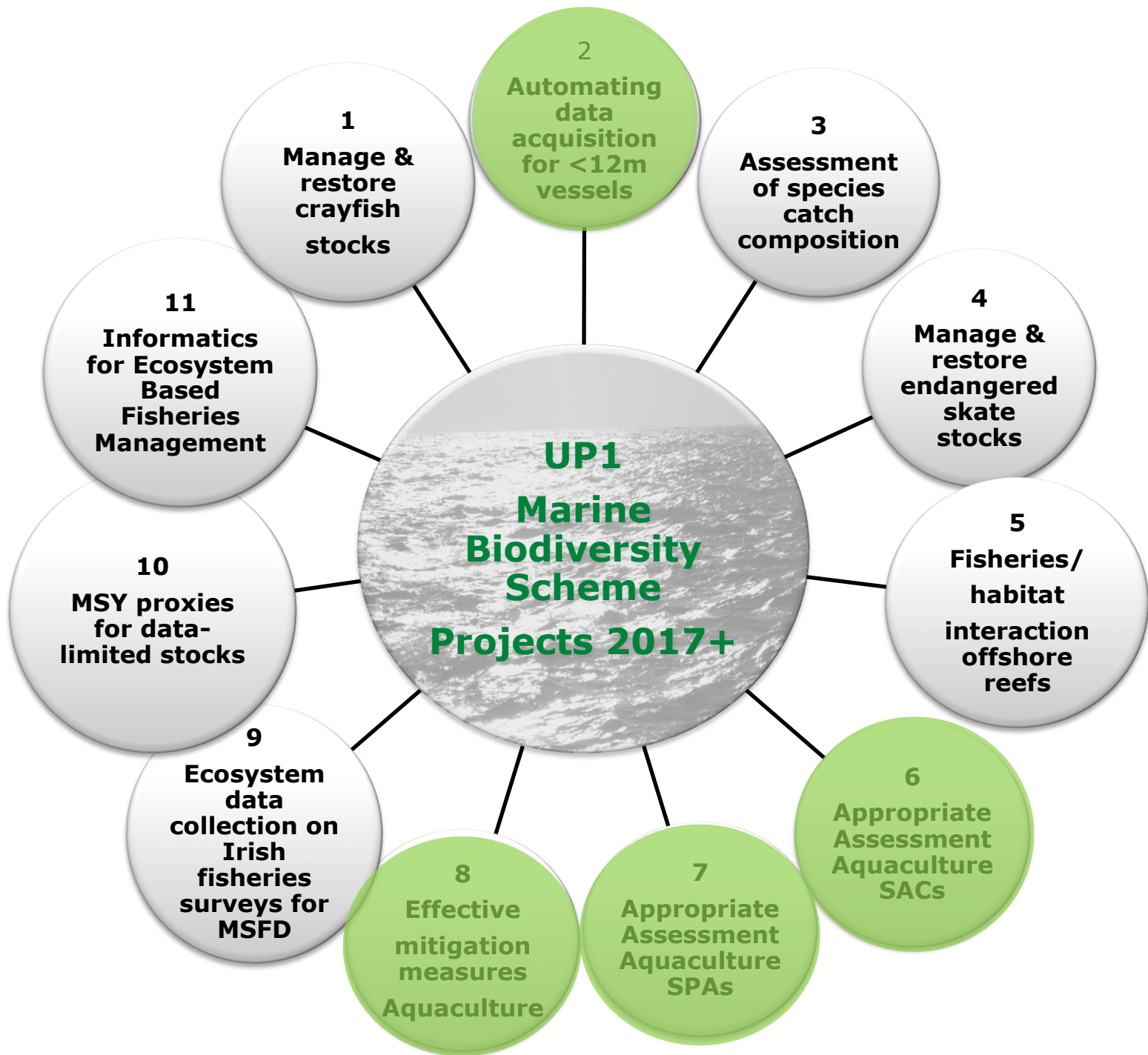


# EMFF UP 1 Marine Biodiversity Scheme *Projects 2017+*



*EMFF Monitoring Committee  
May 23<sup>rd</sup> 2017*







# Projects 2017: *Restoration of Species, fisheries and Natura sites*



## Project 1

Manage & restore crayfish stocks

## Project 4

Manage & restore endangered skate stocks



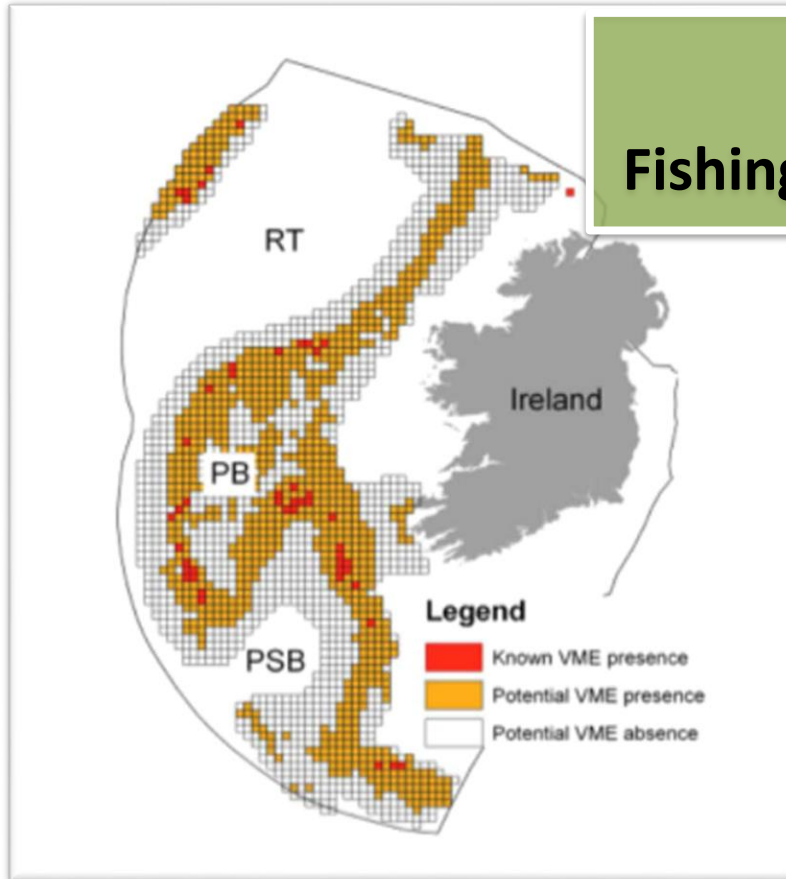
## Project 3

Assessment of species catch composition

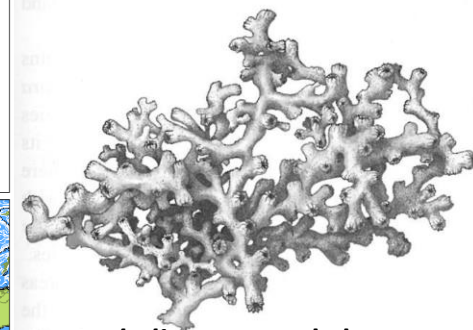
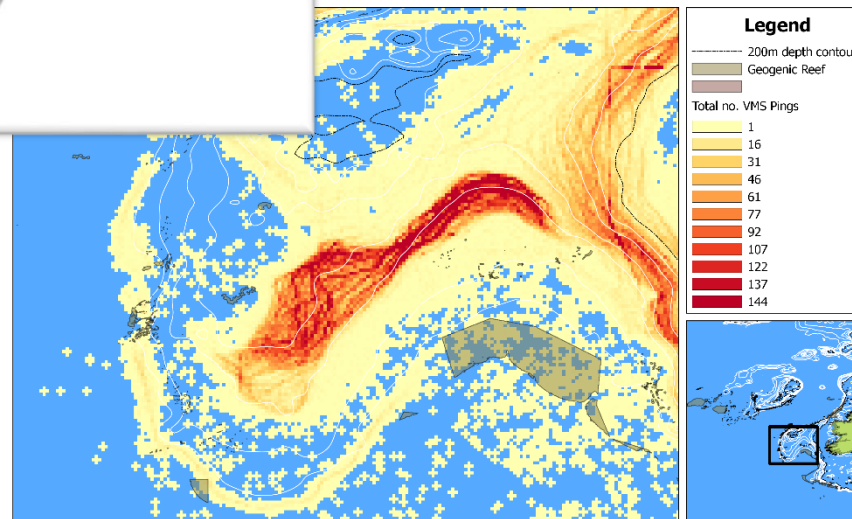
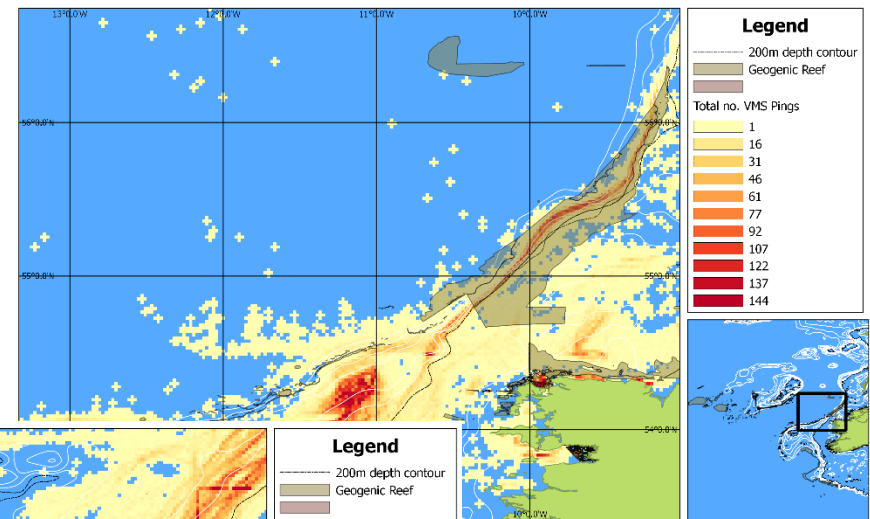
# Projects 2017: Fisheries and Natura sites

## Project 5

### Fishing habitat interaction - offshore reefs



Irish Bottom Trawling Activity in Reef Areas >200m  
2005 - 2016

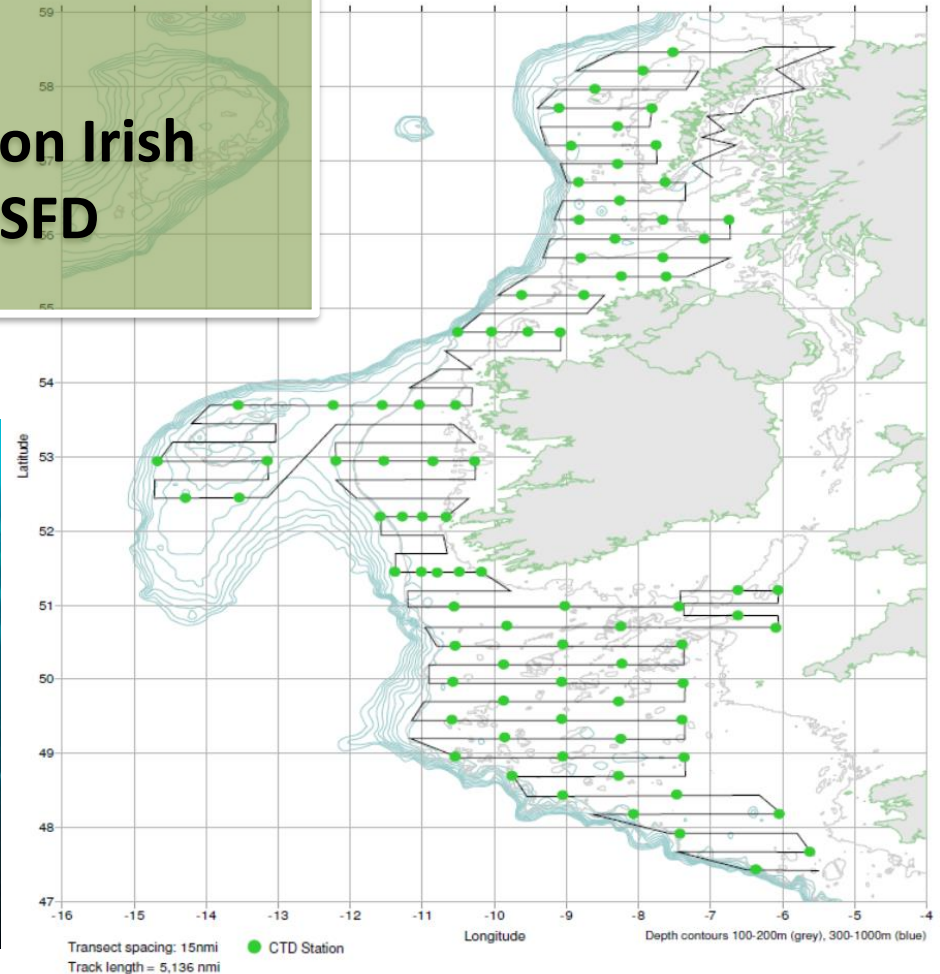


*Lophelia pertusa* skeleton  
by Roberts *et al* 2009

# Projects 2017: MSFD Support

## Project 9

Ecosystem data collection on Irish fisheries surveys for MSFD



## Project 10

MSY proxies for data-limited stocks

# Projects 2017: MSFD & Ecosystem Approach to fisheries

