



CAPTURING
OUR COAST

The Future of Research in the Solent

Dr G. Watson (and many others)

Solent Research

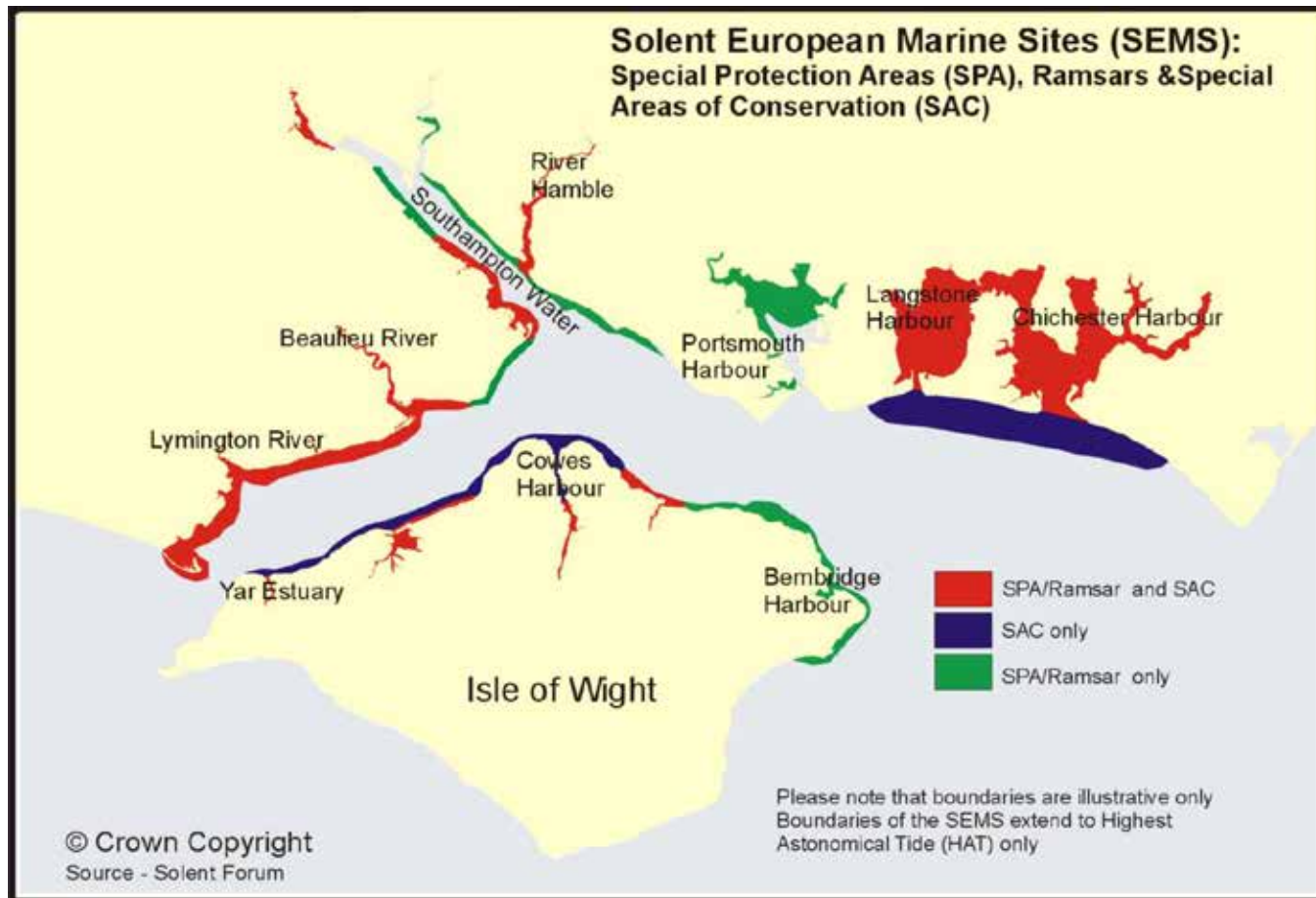
- **S**trengths
- **W**eaknesses
- **O**pportunities
- **T**hreats



CAPTURING
OUR COAST

Strengths

Protection Framework



Institutions

LANGSTONE
HARBOUR BOARD



UNIVERSITY OF
Southampton



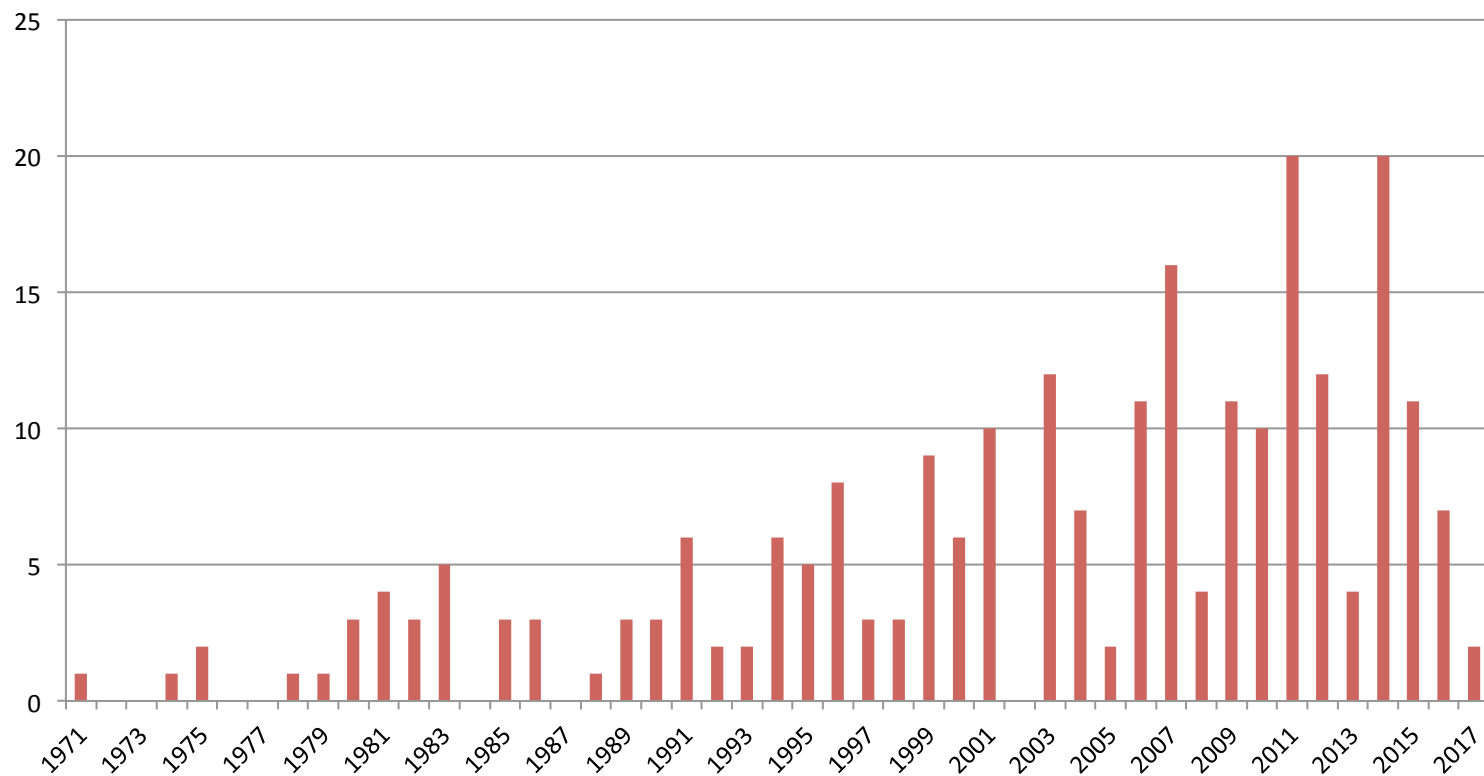
+ multiple companies



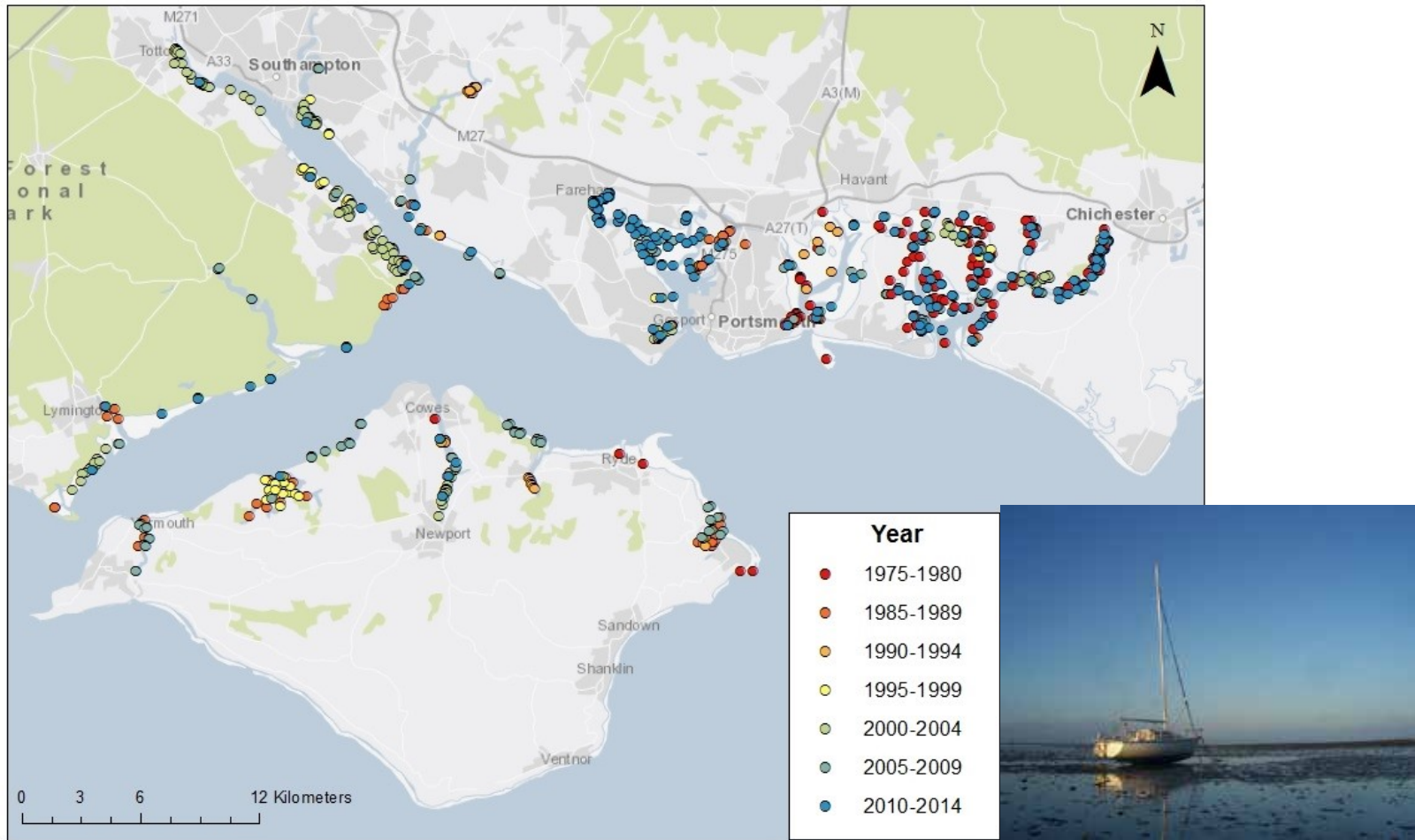
+ multiple councils



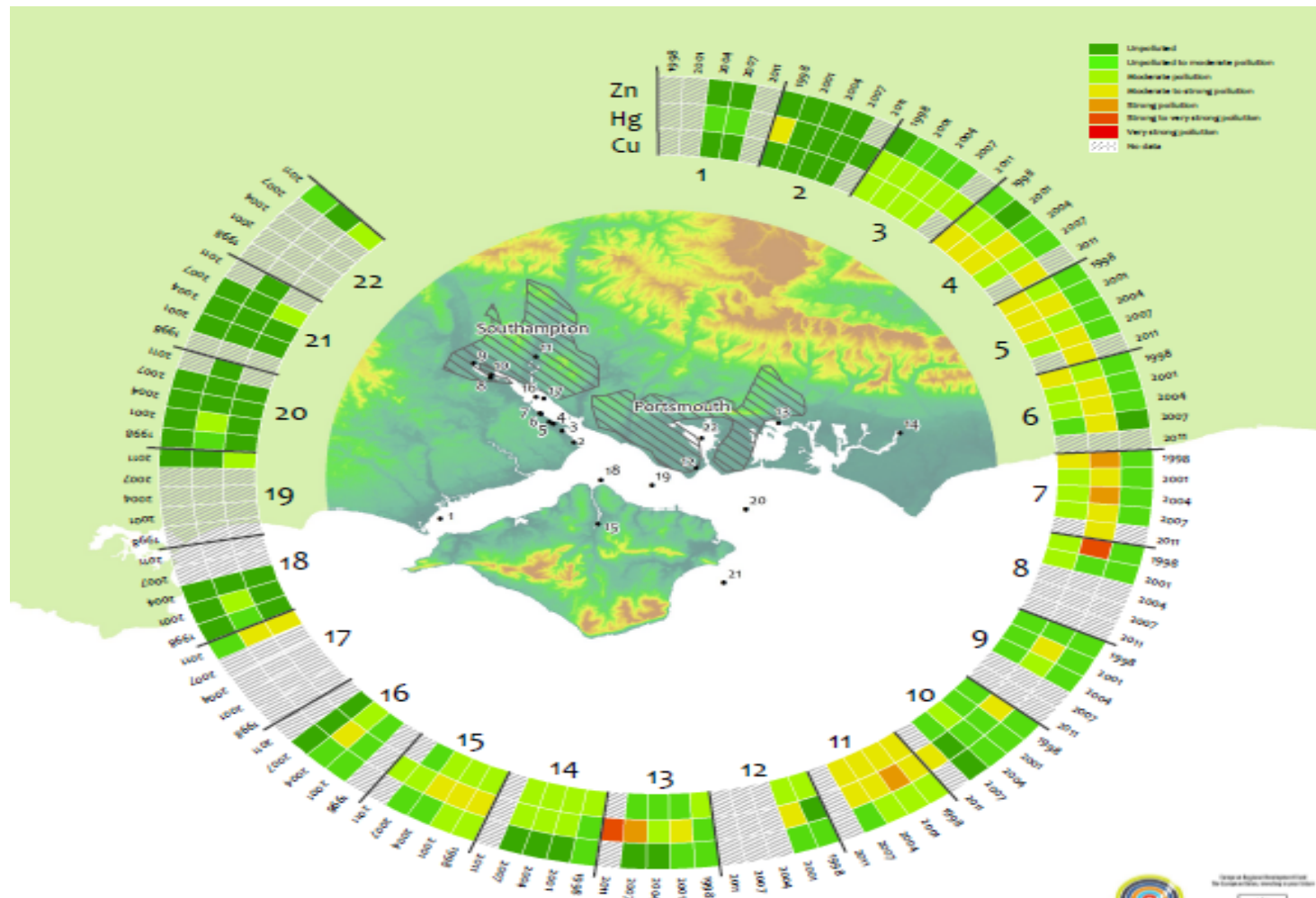
Data Quantity



Extensive Data: Habitats



Long-term Monitoring





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Weaknesses and Threats

Weaknesses and Threats





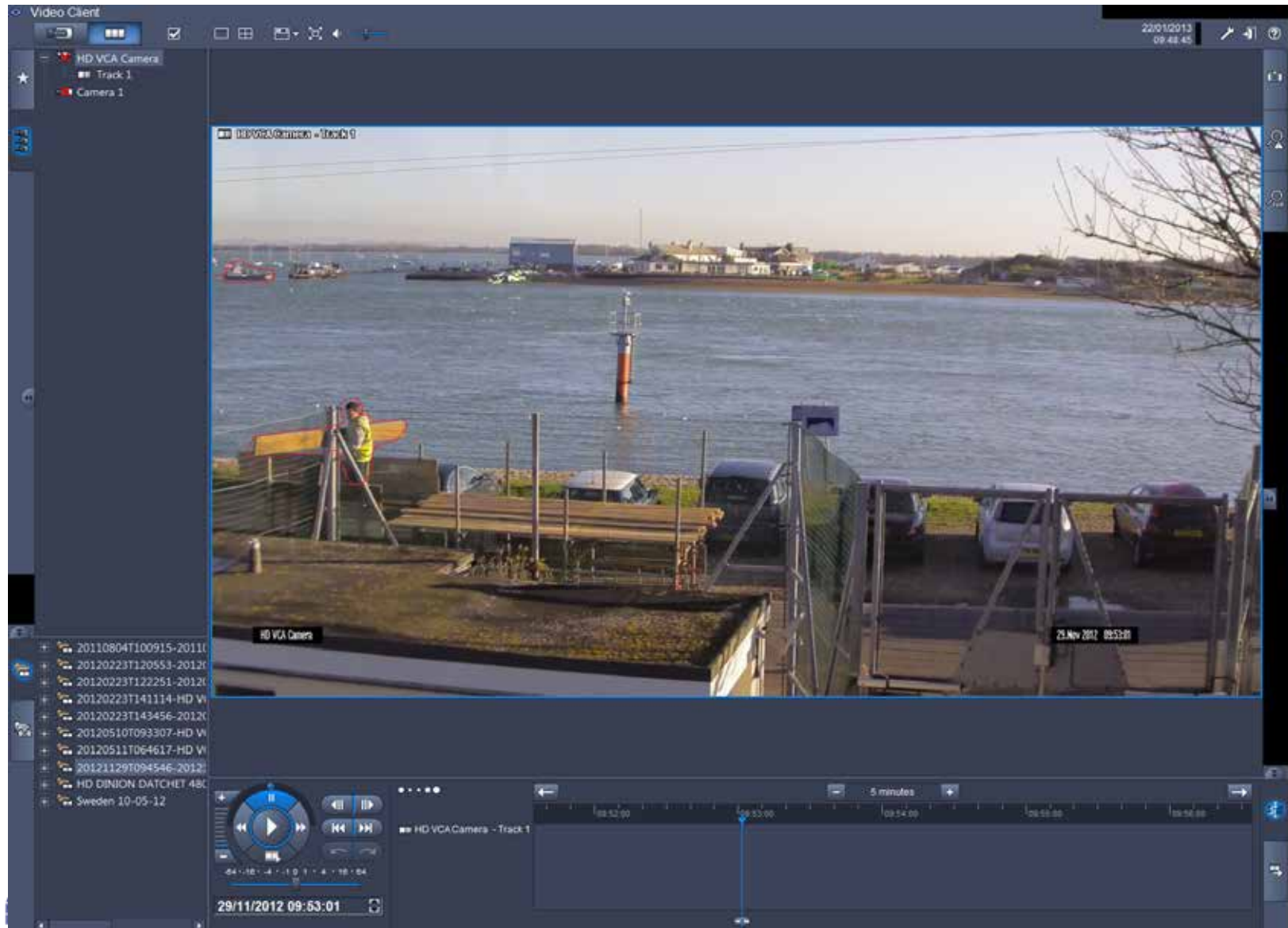
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Opportunities

Conservation Surveillance



Conservation Surveillance

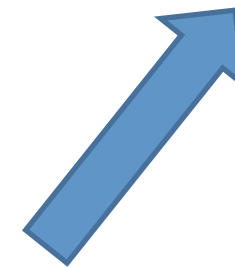


LOTTERY FUNDED

Portsmouth



Conservation Surveillance



New Data Gathering Tools



[https://portuni.maps.arcgis.com/apps/CEWebViewer/viewer.html?
3dWebScene=33a095b34a9e4273a97b977cb06042ee](https://portuni.maps.arcgis.com/apps/CEWebViewer/viewer.html?3dWebScene=33a095b34a9e4273a97b977cb06042ee)

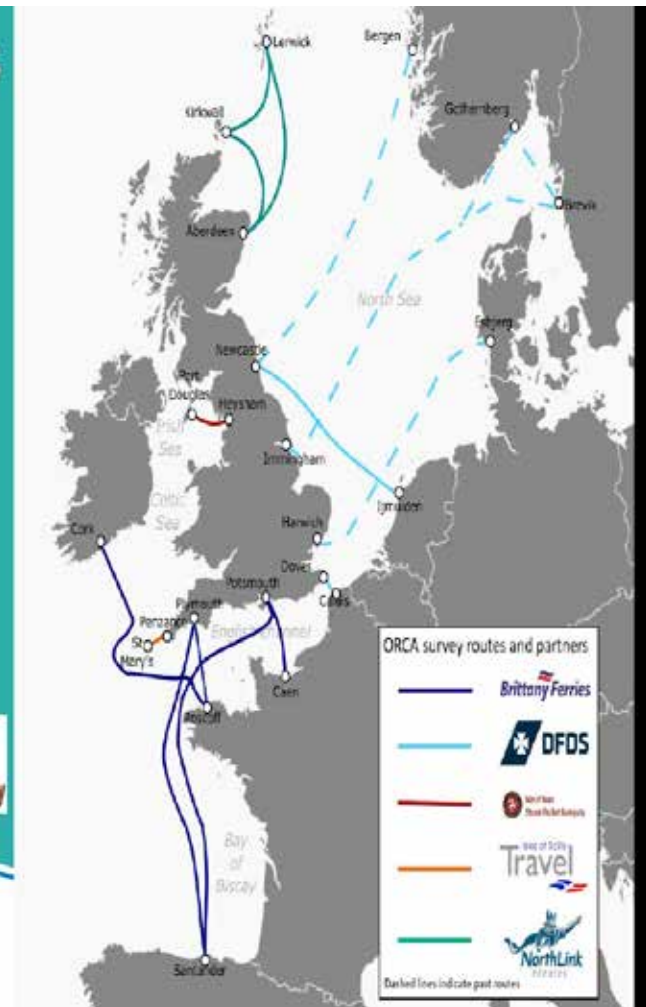
Research Partnerships



LAND ROVER



Ferry Surveys



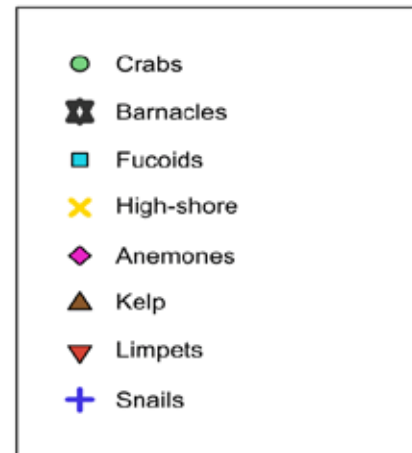
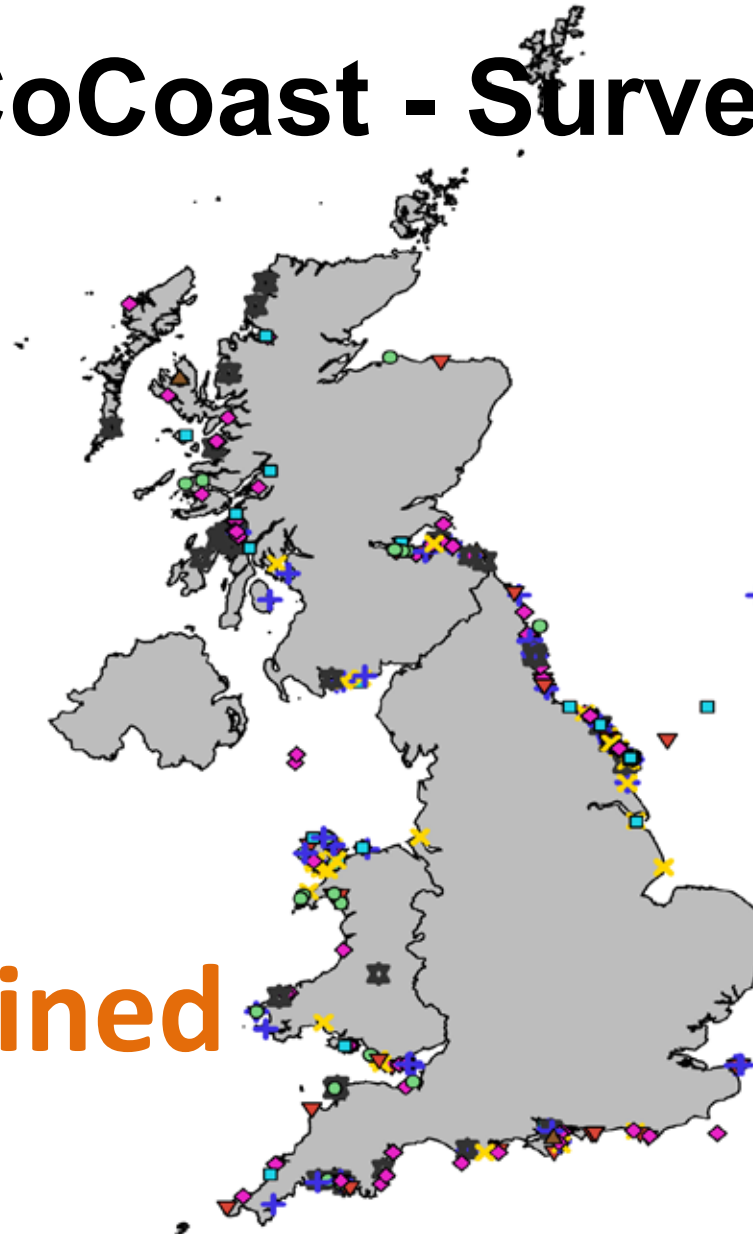
Citizen Science: CoCoast

7 hubs +
multiple partners



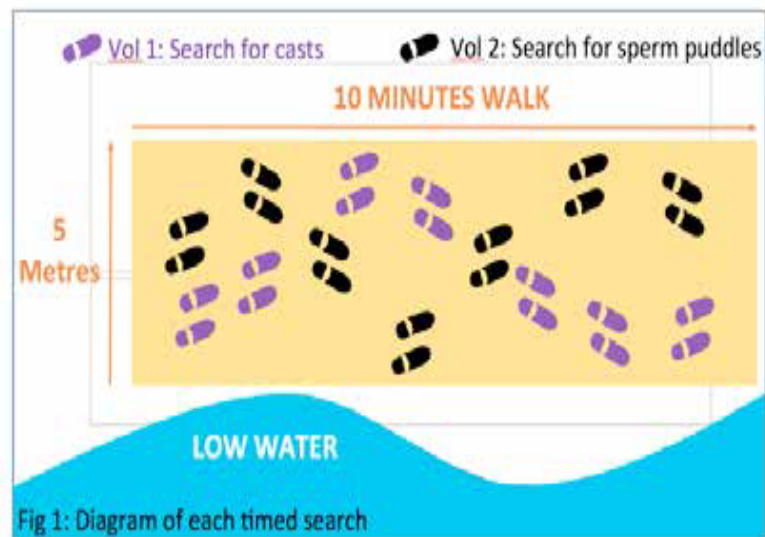
CoCoast - Surveys

3729
1762 trained

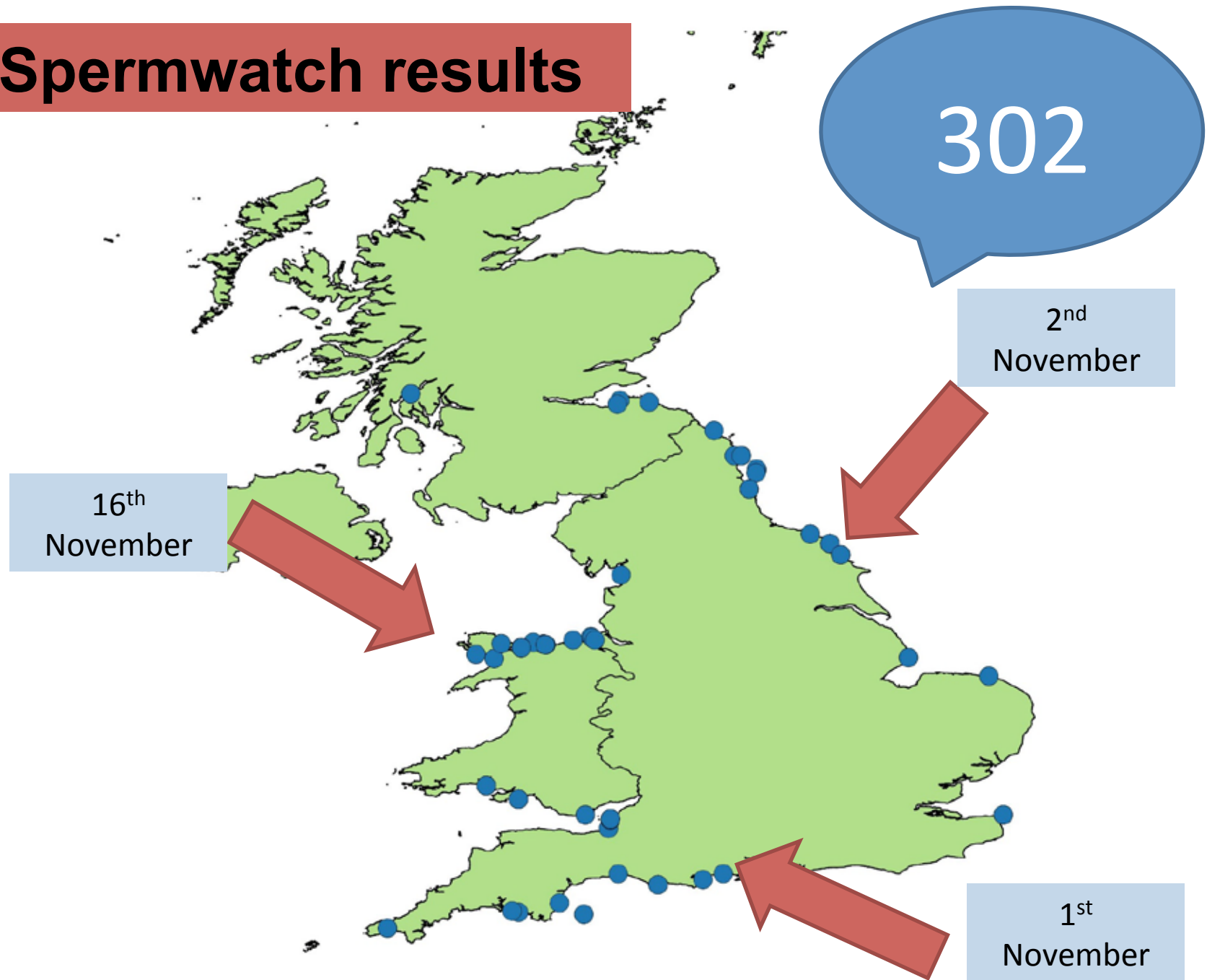


CoCoast: Campaigns (Spermwatch)

- Media launch
- Sign up on line
- Choose own shore
- Record time to count 100 casts/puddles



Spermwatch results



CoCoast: Zooniverse



Snapshot
Serengeti



The Future of the Solent



Tidal power?



Intertidal aquaculture?

Habitat restoration?