

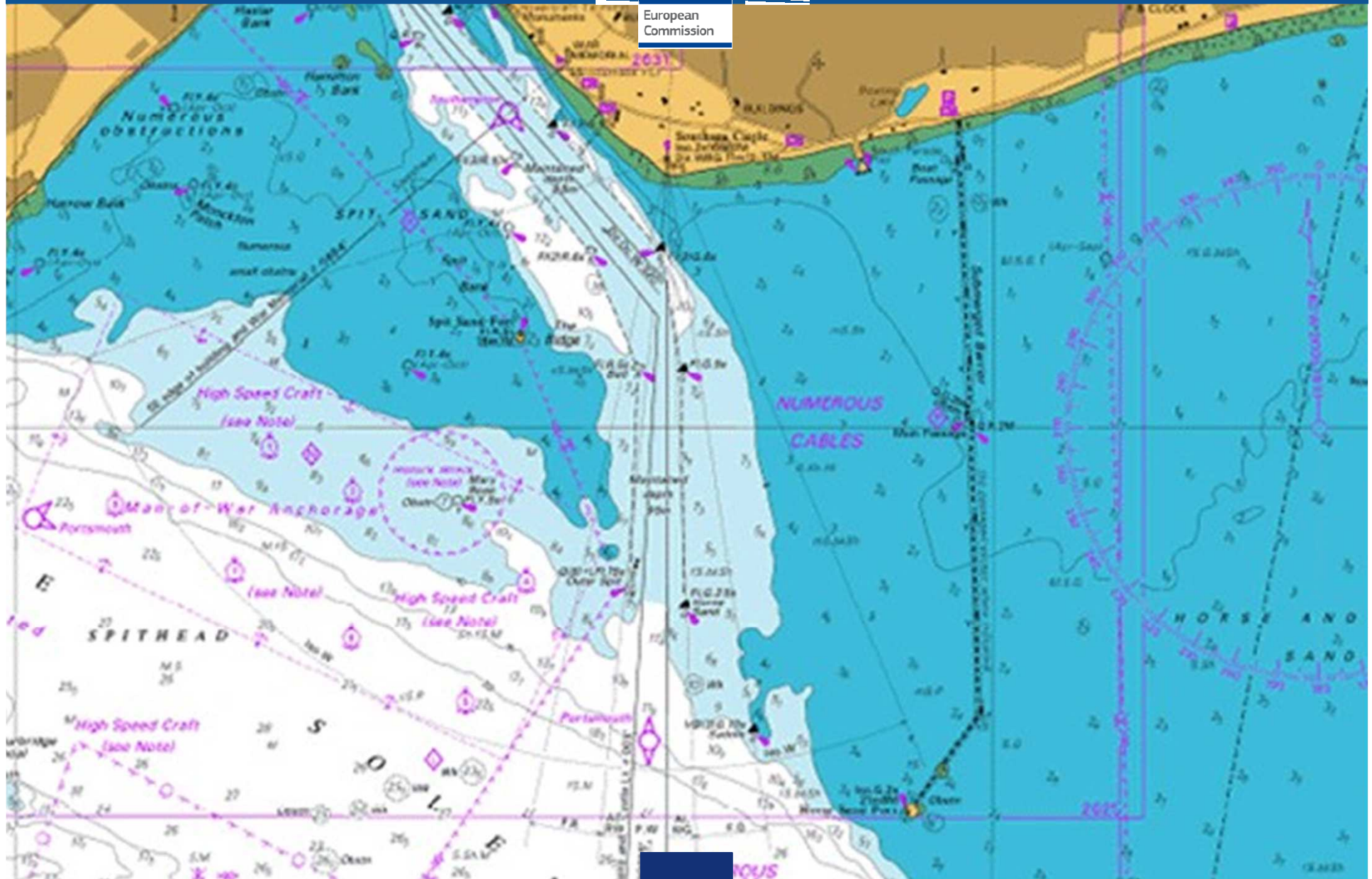


marine data stress tests

Valentine's Day 2017



which bathymetry surveys?





European
Commission

which fisheries surveys?





how do we plan?

“collect data once and use them many times”



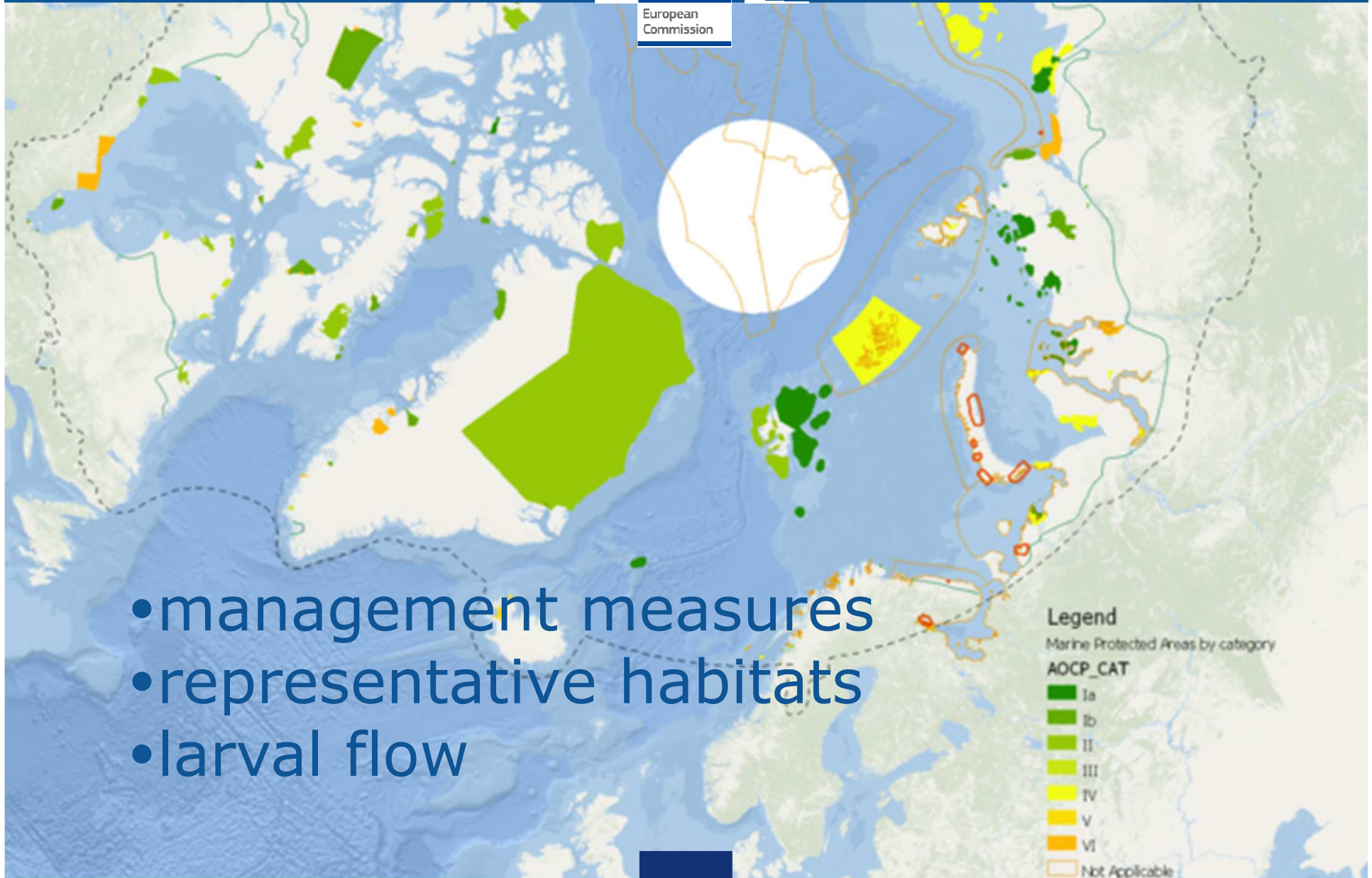
where is best place for wind farm?



- wind profiles
- sediments
- protected habitats
- shipping lanes



are Marine Protected Areas a coherent network?



- management measures
- representative habitats
- larval flow

can we forecast damage from oil discharge?



- oil type
- currents
- tourist beaches
- wind forecasts

how has climate affected sea?



- temperature
- heat
- ice



how are our coasts changing?



- sea-level
- erosion
- sediments



what is impact of fisheries?



- landings
- discards
- bycatch
- benthos



is eutrophication
increasing?



- nutrients
- oxygen
- algae

what comes out of rivers?



- mass flow
- nutrients
- sediments
- salmon
- eels



impact of invasive species



- number
- introduction date and pathway
- impact



two questions

- are the data available and appropriate?
- are the right data being collected?

