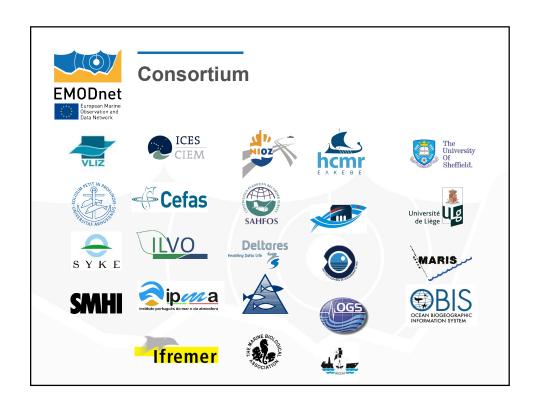
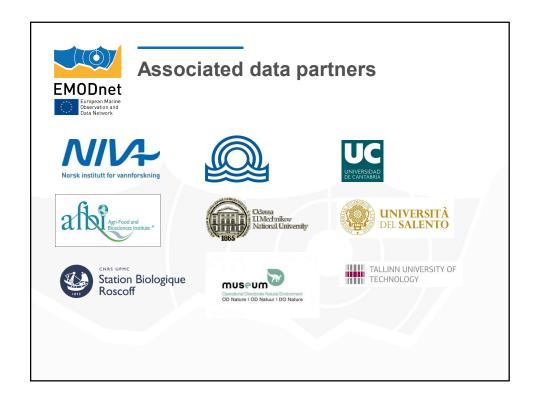


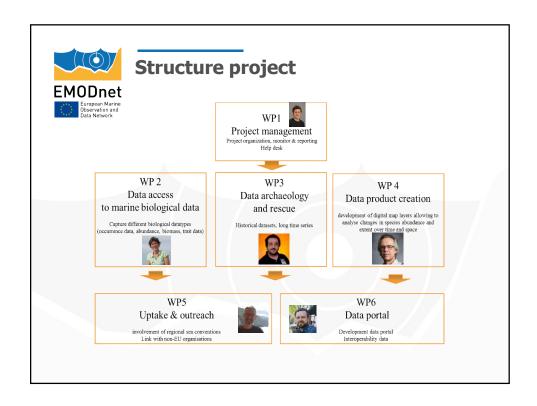


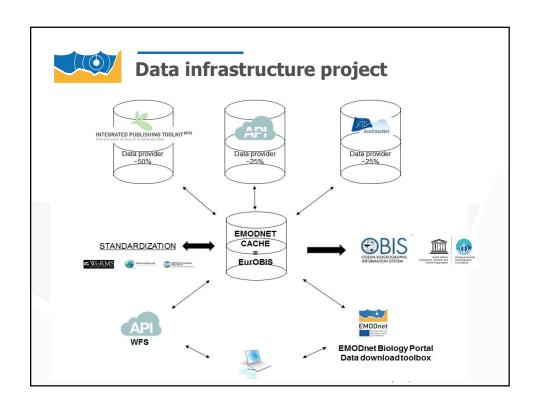
Administration & partnership

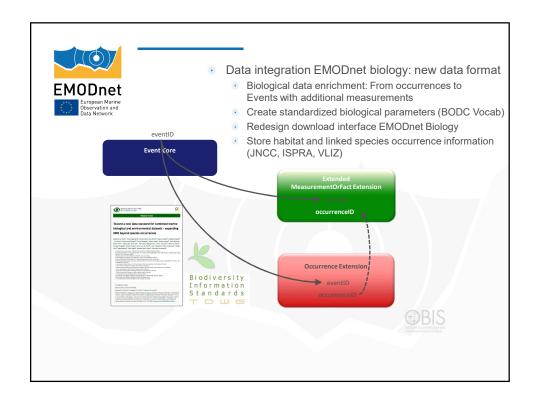
- Project signed 19th April 2017 prepare for year 1 reporting
- Kick off meeting 25-26 April 2017, GA Year 1, 3-4 May, Trieste, Italy
- 22 partners, 1 subcontractor
- 9 associated data partners (data call): start 15/1/2018













Statistics EMODnet Biology

- 1.212 marine biological dataset descriptions (metadata)
- 843 datasets integrated and available through EurOBIS, representing 20.691.985 occurrence records, of which 18.019.824 quality controlled records (87% QC'd).
- 95 + in the pipeline
- 77.208 species names of which 60.585 are accepted species names – linked to the World Register of Marine Species (WoRMS)
- 14 data products
- Additional Measurements: 6,905,793

DiscoveryLevel3	recordnr
Biota Quantifications	3986393
Rock and sediment physical properties	1636693
iota Descriptors	905566
Water column temperature and salinity	236831
Administration and dimensions	40578
Rock and sediment chemistry	31348
Meteorology	30395
NULL	17773
Optical properties	12262
Sea Level	4351
Dissolved gases	3584
Waves	10
Gravity, magnetics and bathymetry	9



Oil & Gas industry: UK benthos **Database**

Release half a century of UK seabed grab survey data. These data originate from multiple sources in industry and government, and their collation and standardisation represents a significant opportunity to better understand and protect our marine environment.



Analysis of 50 years of marine data: new insights into life on the seabed and potential for better protection of the marine environment

3/27/2018

9



WP5 Uptake and Outreach



Workshop to investigate scope of data products and applicability to end users





























WP5 Uptake and Outreach

Activity

- London Workshop October 2017
- 25 participants including:
 - All 4 Regional Sea Commissions
 - Transatlantic/global partnerships
 - Industry
 - Academia
- Focus development of data products in WP4

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WP5 Uptake and Outreach

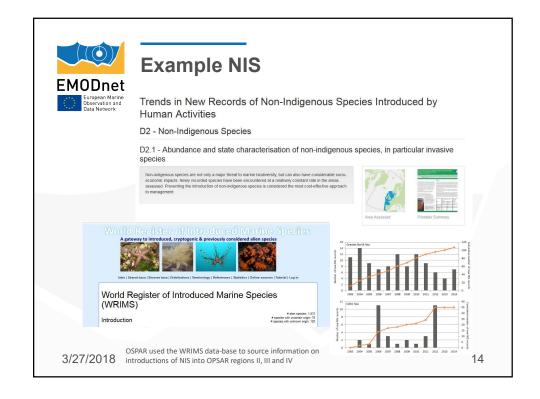
Activity

- Using the workshop recommendations and network we have
 - Submitted an abstract to Ocean Obs 19 Conference
 - Begun the development of a paper for Ocean Policy
 - Engaged with OSPAR working groups
- Next steps
 - Manuscript submission July 2018
 - Continue to support the Regional Sea Commissions data requirements through consultation and discussion
 - Plan workshop for M24 of EMODnet Biology



Result of the workshop

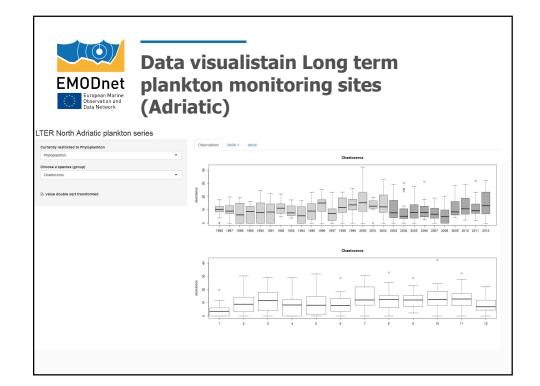
- Concentration and structuring of the data products based on Essential Ocean Variables for biodiversity
- Contacts with both OSPAR and HELCOM showed that they are not interested in 'ready-made' data products from EMODNET, as they want to keep full (political) control on the process
- The most useful contribution from EMODNET is the production of underlying data layers, which are usually covered by the EOVs. We will therefore not concentrate on special products for the Commissions, unless explicitly asked to do so (and how).





Data Products

- Atlas of Marine Life
 - Basic data maps
 - Biological Time series plots
 - Gridded abundance maps
 - Vulnerability maps, indicator maps
- Species Distribution Models
 - Based on physical, chemical, use information
- Trait-based Analyses: 'thermal niche', benthic function,...
- Link with EBV: 'Essential Biodiversity Variables'





Vulnerability Benthic communities

- Derived data products maps with information about sensitivity of benthic communities
- Using trait based analysis to assess the sensitivity, resilience of benthic communities (again pressures)
- Using observations data, taxonomic data, functional trait data
- Work done in collaboration with:
 - OSPAR: ICG-COBAM (BH1 Indicator)
 - ICES: WGBENT, WGBIODIV

