

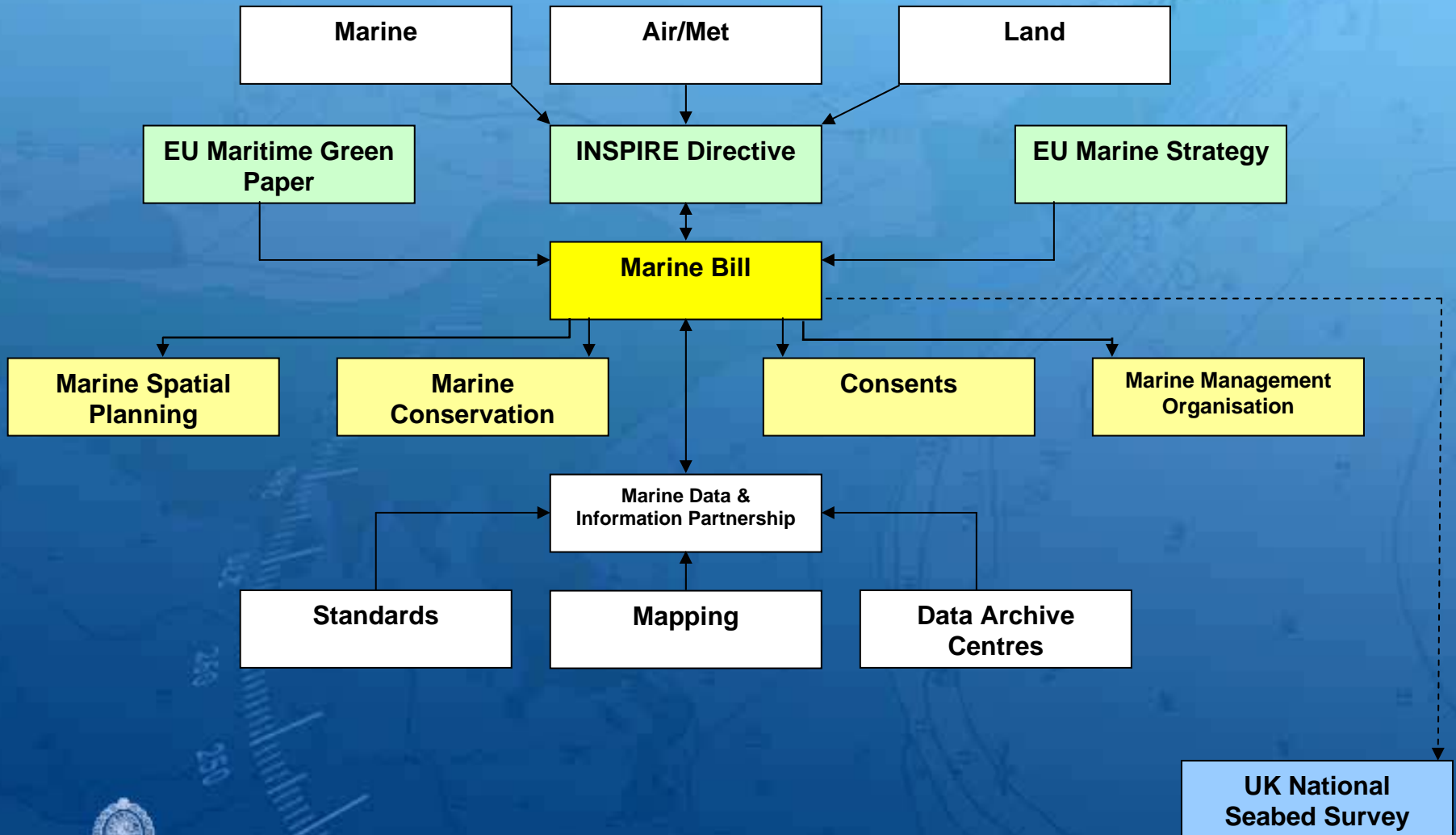
# The UK Marine Legislative Programme

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# Marine Bill – Marine Spatial Data Infrastructure for UK



## Marine Bill

Introduced in the Queen's Speech 2005

Main areas of activity

- Marine Spatial Planning
- Marine Consents for development
- Marine Nature Conservation
- New Marine Management Organisation



Commitment to publish a draft bill early 2007



## Marine Spatial Planning

### The data requirement...

- Spatial data framework
- Access to data
- Coastal interface – need for land/sea interoperable data
- Provision of “spatial baseline data” to support regulatory regime
- Decision-support tools



# Marine Consents

- Simplify current complex & costly system
- Provide clear statutory provisions
- Flexible to adapt to external influences (e.g. EU)
- Maximise benefit from Marine Spatial Planning

## The data need...

- Better integrated data themes (e.g. Pipelines, Cables)
- Provision of spatial data to support process





## Marine Nature Conservation

- Define & implement marine ecosystem objectives
- Designate Marine Protected Areas
- Enforce marine biodiversity legislation

### The data need...

- Spatial framework / context
- Marine Mapping Initiative  
*(more later)*



## Proposed New Marine Management Organisation

- Minimum role in consents and fisheries management & enforcement.
- Potential role in marine spatial planning, environmental management & enforcement and data gathering & collection.

### The requirement from UKHO...

- Data gathering & collection role



## Stakeholders

### UKHO role:

- Contributing to Marine Bill consultation process
- Contributing to Marine Spatial Planning

### UK role:

- Contributing to future EU Maritime legislation; EU Maritime Green Paper, INSPIRE Directive, etc.





# Marine Data and Information Partnership (MDIP)



## Marine Data & Information Partnership (MDIP)

- Launched by Secretary of State for Environment Minister on 1<sup>st</sup> March 2005
- Attempts to solve a long-term problem of insufficient harmonisation between large numbers of diverse data holdings and an increasingly large number of initiatives in marine data and information
- Public & private sector involvement (20+ organisations)



## MDIP Strategy : Vision

### Mission

- To establish a national framework that enables Government departments, non-departmental public bodies, research institutes and the private sector to achieve a more coordinated approach to managing marine data and information.



## MDIP Strategy : Aims

- Better Management of UK Marine Data
- Better Access to Authoritative UK Marine Data
- Direct Access to the Best UK Marine Data Management Expertise
- Better Support for Integrated Assessments, Spatial Planning and other new applications



## Delivery

- “Discovery” Website development
- Issue / Topic sub-Groups
  - Data / Metadata Standards
  - Data Archiving Centres (DAC)
  - Mapping/ applications development
  - Communications
- Sponsor Board will direct the programme





# First set of DACs

- **UKHO – Bathymetric and Seabed Data**

The UKHO holds many different marine navigational and environmental data types. Central to this data archive is bathymetric and seabed data.

- **British Oceanographic Data Centre – Oceanography**

(Natural Environment Research Council) marine data - multidisciplinary; National Tide Gauge Network; UK Argo; acts as National Oceanographic Data Centre

- **Data Archive for Seabed Species and Habitats/Marine Biological Association – Benthos**

Marine benthos (seabed species and habitats)



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