The current situation and emerging issues of marine and island data management and the their role in the integrated marine and island management in Vietnam

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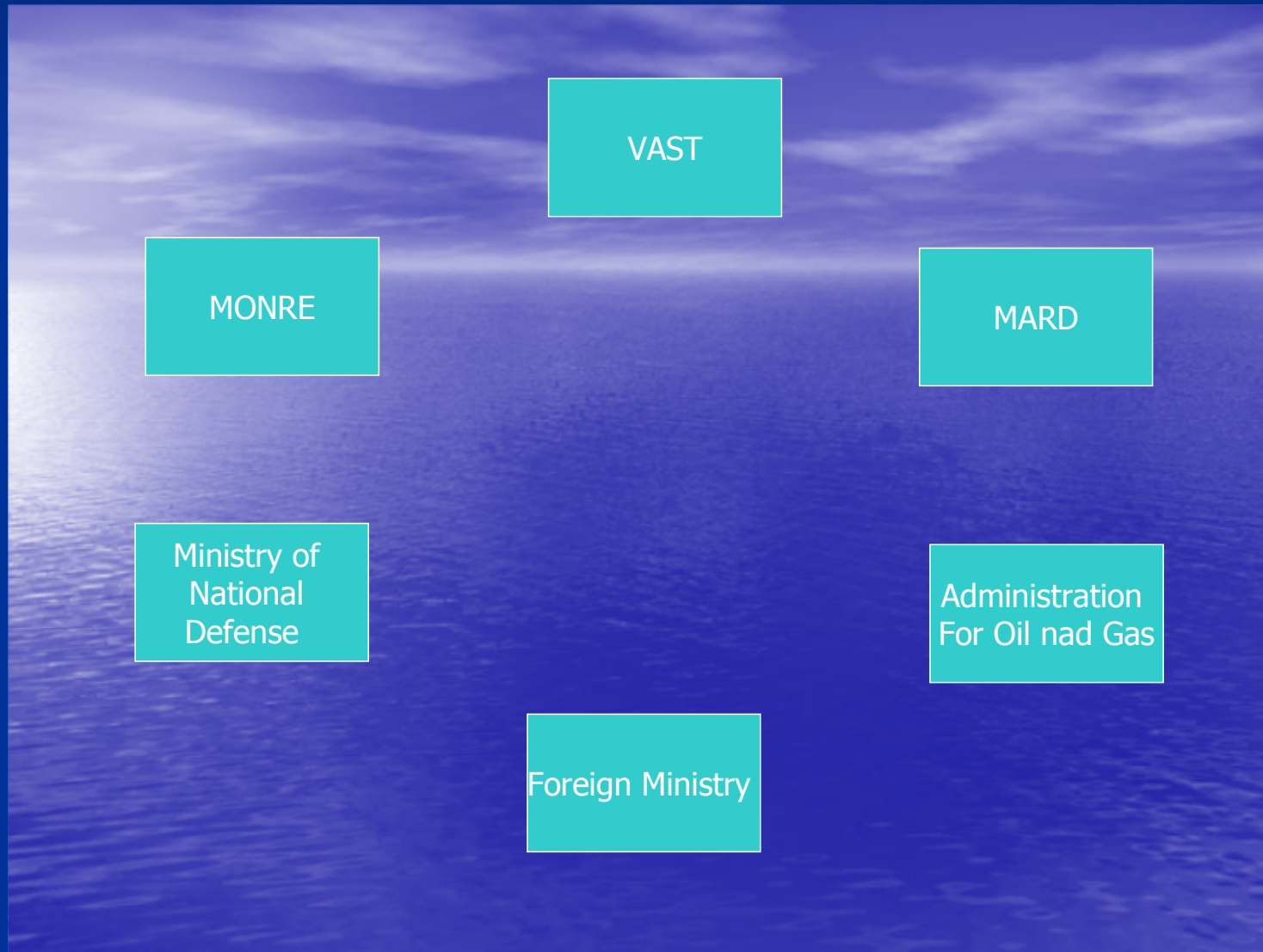
Abstract

- The current and future status of Vietnam ocean data and information and the possibility of international cooperation in collection, quality control, archiving and dissemination of these data.

- The role of Vietnam ocean data and information in the integrated marine and island management in Vietnam

- Their distribution, differences in management, and different formats suggest the need for establishment of a professional organization, serving as a data resource on seas and islands. As the result, the Vietnam Ocean Data and Information Center (VODIC) has been established.

- In this report, the VODIC's tasks, its current problems and future development are discussed. The establishment of the VODIC makes it possible to establish the international cooperation in the collection and management of ocean data and information: participating in international organizations such as IODE and IOC, as well as international data exchange…

I. Emerging issues of marine and island data management

Current status of Vietnam ocean data and information

- Distribution

- Management

- Quantity, quality and formats

Distribution of Viet Nam Ocean Data and Infor mation

VAST

MONRE

MARD

Ministry of National Defense

Administration For Oil nad Gas

Foreign Ministry

Management

- Management of Data and Information in different ways in different organizaton.

- Skills and technique for management are not in the same level.

- Organizations rule data and information as there feud.

Quantity, quality and formats

- A large amount of data for different projects
- They are not considered as resources
- Raw data and are not tested
- Spatial data are not synchronous, lack of the map system for seas and islands
- International Exchange is very poor

II. The role of marine and island data management in the integrated marine and island management in Vietnam

- Benefits of data sharing
- Data are in standards: collection, archive, management, exchange
- Data in one source
- Data quality

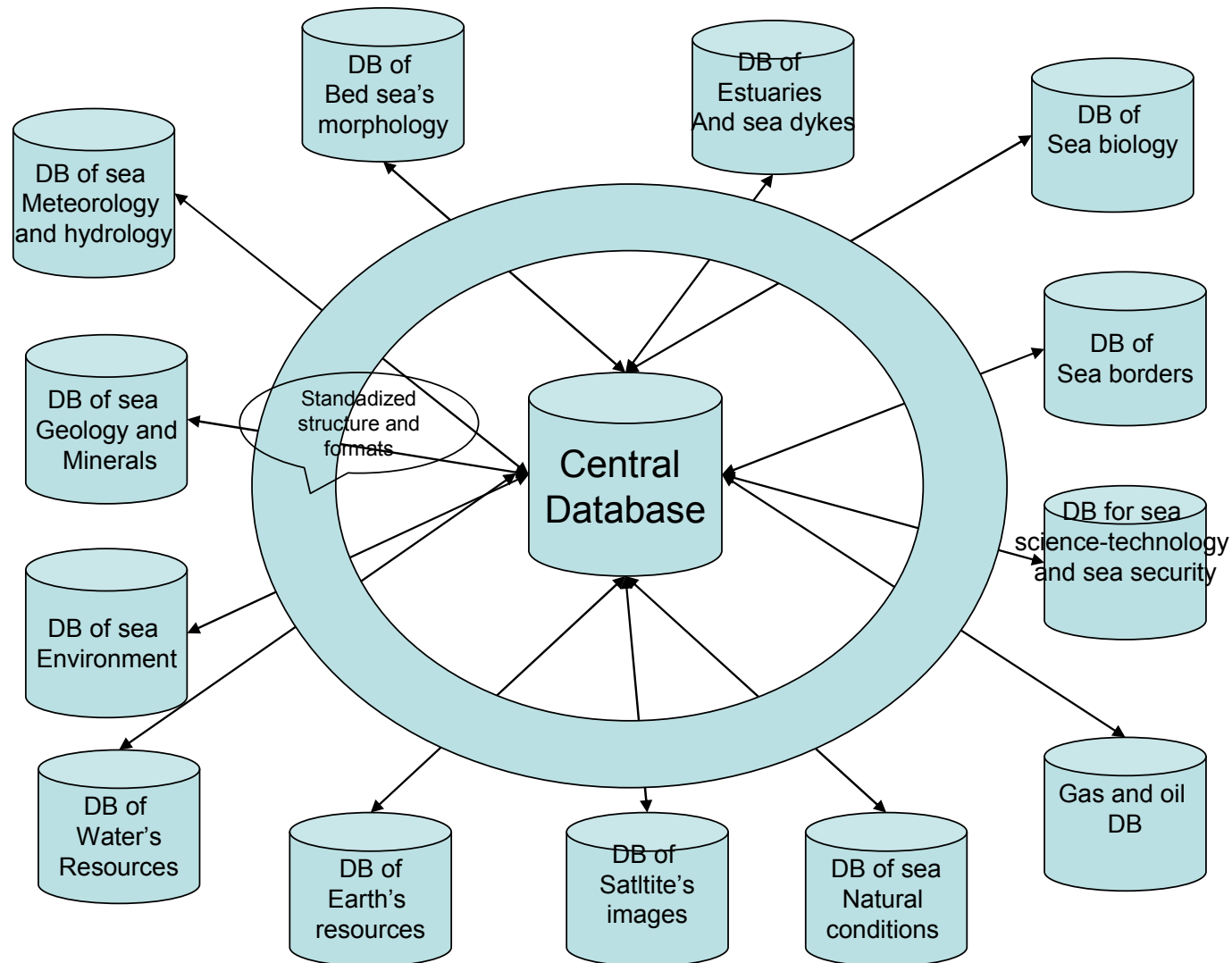# III. The Vietnam ocean Data and Information Center

- For united and intergrated management of ocean data and information

- Collecting, processing, archiving and delivering data in modern technolodgy and for public use

- International Exchange of dat ta and information

Fuction and tasks

- Development of information systems and management of national database on ocean data and information. Development of network on ocean data and information

- Delivery and exchange ocean data and information for management, scientific research, Technological development, training purpose

- Carrying out scientific research in the data and information fields

- Consultation and transfer of technology on information systems and databases

IV. Future status of Vietnam ocean data and information

National database on seas

V. International cooperation

- Capacity building for VODIC
- Exchange of the ocean data and information
- Involving in international organization and associations.

Thank you