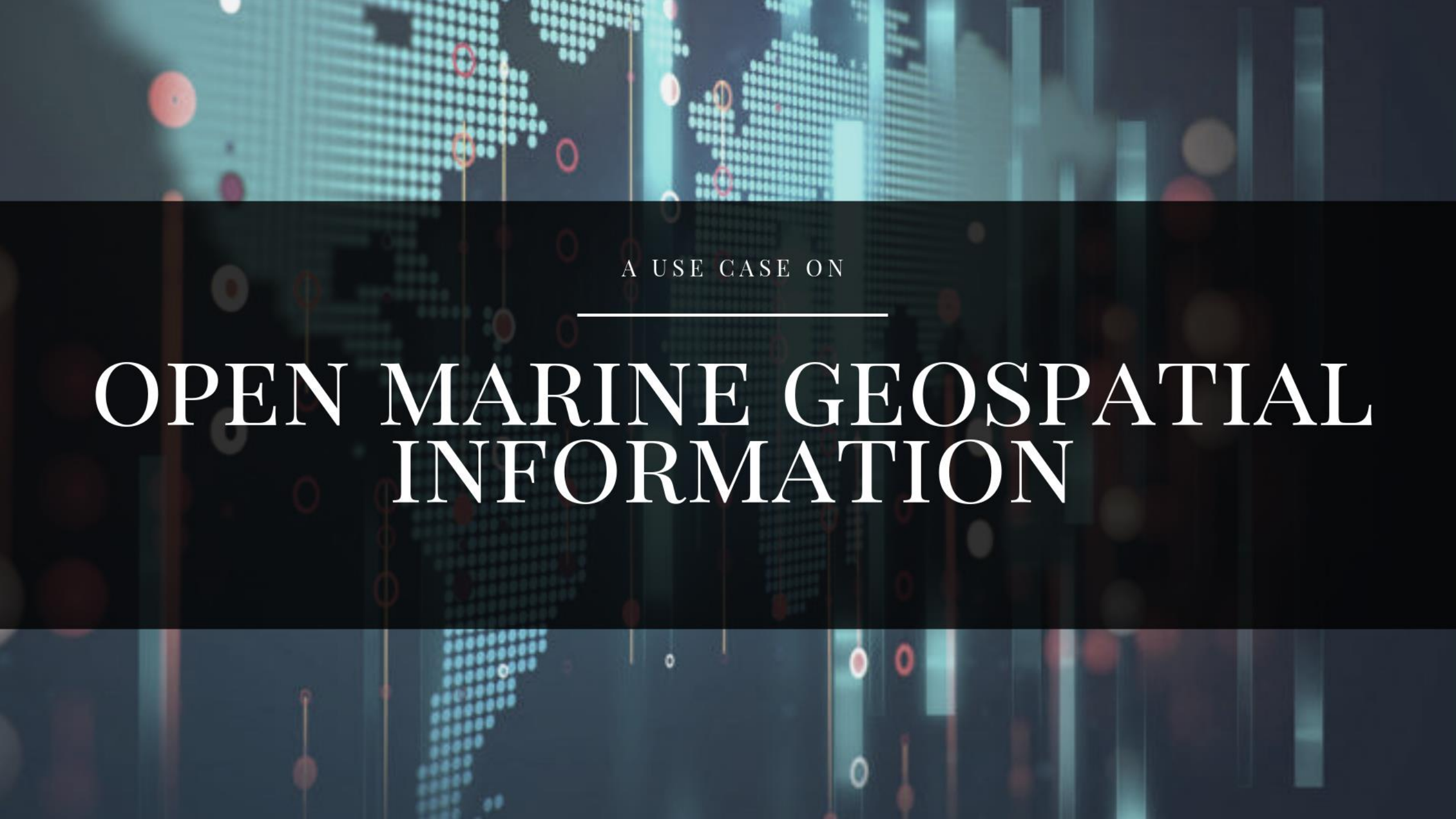

A USE CASE ON

OPEN MARINE GEOSPATIAL INFORMATION

AGENDA

OVERVIEW	• Use Case • Use Case Exercise • Timeline
PRELIMINARY RESULTS	• Comments on the Exercise • Insights & Concerns
DISCUSSION	• Moving Forward

WHAT IS THE USE CASE?

The use case should "show the benefits of open (readily available and accessible) marine geospatial information, including minimum standards needed for data. The use case will serve as a **reference** for Member States on the benefits of providing easy access to marine geospatial data, and on the recommended data types to make available."

Work Plan, Working Group on Marine Geospatial Information

GOALS OF THE USE CASE

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1. To serve as a **reference** on the strengths, challenges, standards, and benefits of providing open, readily available marine geospatial data

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2. To provide successful examples of providing open, readily available marine geospatial data, which illustrate the benefits of open data

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1. To understand the commonalities - strengths and challenges - among countries when it comes to managing and providing open marine geospatial data

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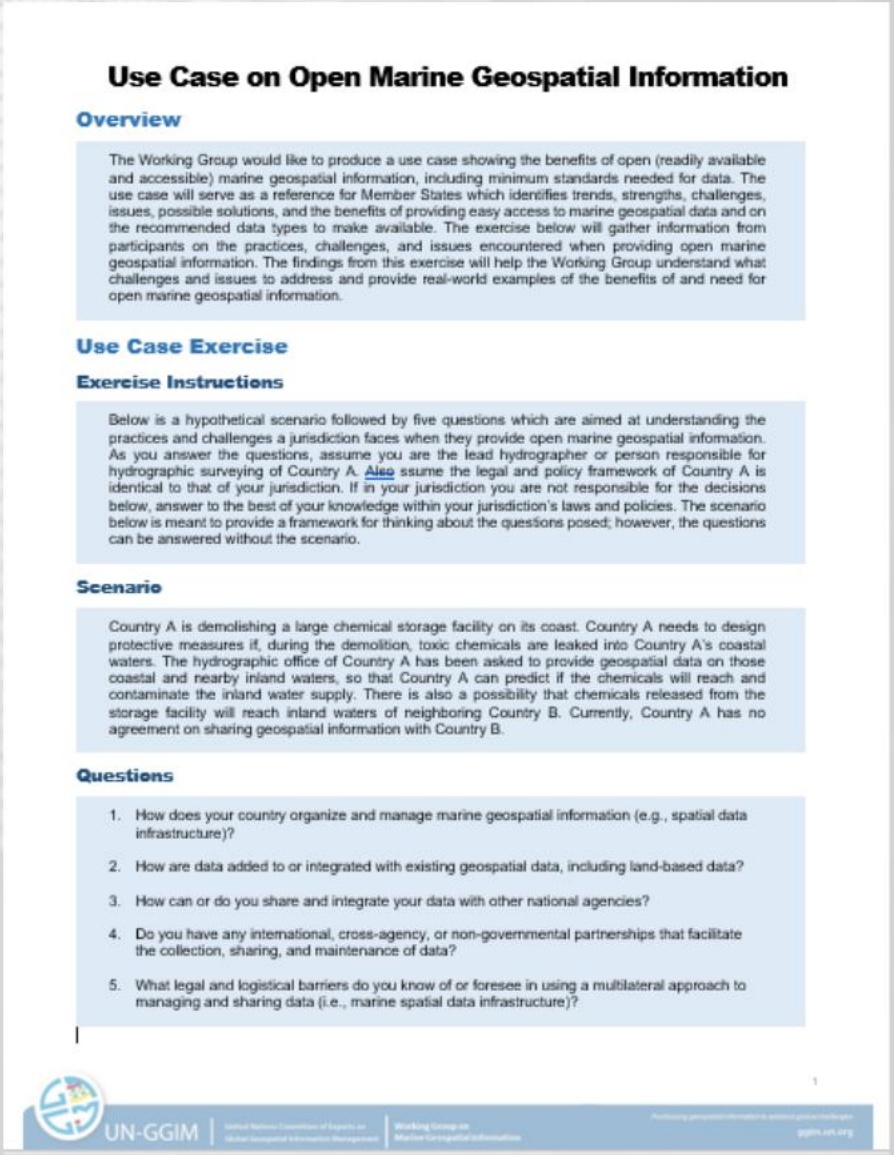
2. To understand the benefits realized from providing open, readily available data and to gather successful examples of open marine geospatial data

THE EXERCISE

The exercise is a scenario and a series of 5 questions.



Use Case on Open Marine Geospatial Information

Overview

The Working Group would like to produce a use case showing the benefits of open (readily available and accessible) marine geospatial information, including minimum standards needed for data. The use case will serve as a reference for Member States which identifies trends, strengths, challenges, issues, possible solutions, and the benefits of providing easy access to marine geospatial data and on the recommended data types to make available. The exercise below will gather information from participants on the practices, challenges, and issues encountered when providing open marine geospatial information. The findings from this exercise will help the Working Group understand what challenges and issues to address and provide real-world examples of the benefits of and need for open marine geospatial information.

Use Case Exercise

Exercise Instructions

Below is a hypothetical scenario followed by five questions which are aimed at understanding the practices and challenges a jurisdiction faces when they provide open marine geospatial information. As you answer the questions, assume you are the lead hydrographer or person responsible for hydrographic surveying of Country A. Also ssume the legal and policy framework of Country A is identical to that of your jurisdiction. If in your jurisdiction you are not responsible for the decisions below, answer to the best of your knowledge within your jurisdiction's laws and policies. The scenario below is meant to provide a framework for thinking about the questions posed; however, the questions can be answered without the scenario.

Scenario

Country A is demolishing a large chemical storage facility on its coast. Country A needs to design protective measures if, during the demolition, toxic chemicals are leaked into Country A's coastal waters. The hydrographic office of Country A has been asked to provide geospatial data on those coastal and nearby inland waters, so that Country A can predict if the chemicals will reach and contaminate the inland water supply. There is also a possibility that chemicals released from the storage facility will reach inland waters of neighboring Country B. Currently, Country A has no agreement on sharing geospatial information with Country B.

Questions

1. How does your country organize and manage marine geospatial information (e.g., spatial data infrastructure)?
2. How are data added to or integrated with existing geospatial data, including land-based data?
3. How can or do you share and integrate your data with other national agencies?
4. Do you have any international, cross-agency, or non-governmental partnerships that facilitate the collection, sharing, and maintenance of data?
5. What legal and logistical barriers do you know of or foresee in using a multilateral approach to managing and sharing data (i.e., marine spatial data infrastructure)?

How does your country organize and manage marine geospatial information?

How are data added to or integrated with existing geospatial data, including land-based data?

How can or do you share and integrate your data with other national agencies?

Do you have any international, cross-agency, or non-governmental partnerships that facilitate the collection, sharing, and maintenance of data?

What legal and logistical barriers do you know of or foresee in using a multilateral approach to managing and sharing data (i.e., marine spatial data infrastructure)?

TIMELINE

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March 2019
First Expert Meeting
of WG-MGI

- Formal discussion on the use case and use case exercise
- Created a small group to review and provide feedback to the the use case exercise

TIMELINE

March 2019
First Expert Meeting of WG-MGI

April 2019
Exercise to Small Group

TIMELINE

March 2019
First Expert Meeting of WG-MGI

April 2019
Exercise to Small Group

May 2019
In-Phone Meeting of WG-MGI

- Discussed exercise responses from the small group review
- Received additional feedback
- Agreed to distribute exercise to WG

TIMELINE

March 2019
First Expert Meeting of WG-MGI

April 2019
Exercise to Small Group

May 2019
In-Phone Meeting of WG-MGI

June 2019
Exercise to WG-MGI

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March 2019
First Expert Meeting of WG-MGI

April 2019
Exercise to Small Group

May 2019
In-Phone Meeting of WG-MGI

June 2019
Exercise to WG-MGI

August 2019
WG-MGI Side Event

PRELIMINARY RESULTS

20 MEMBERS **13** RESPONSES

- Australia
- Burkina Faso
- Canada
- Chile
- China
- Denmark
- Germany
- Greece
- India
- Italy
- Jamaica
- Republic of Korea
- Malaysia
- Mexico
- Netherlands
- New Zealand
- Norway
- Kingdom of Tonga
- United Kingdom
- United States

COMMENTS ON THE EXERCISE

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- Not the agency (or not the sole agency) responsible for data

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- Scenario is not applicable; did not use scenario when responding

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Navigation

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Oceans Office

Protected Areas

Hydrographic Office

Navigation

Fisheries Office

Inland Waters

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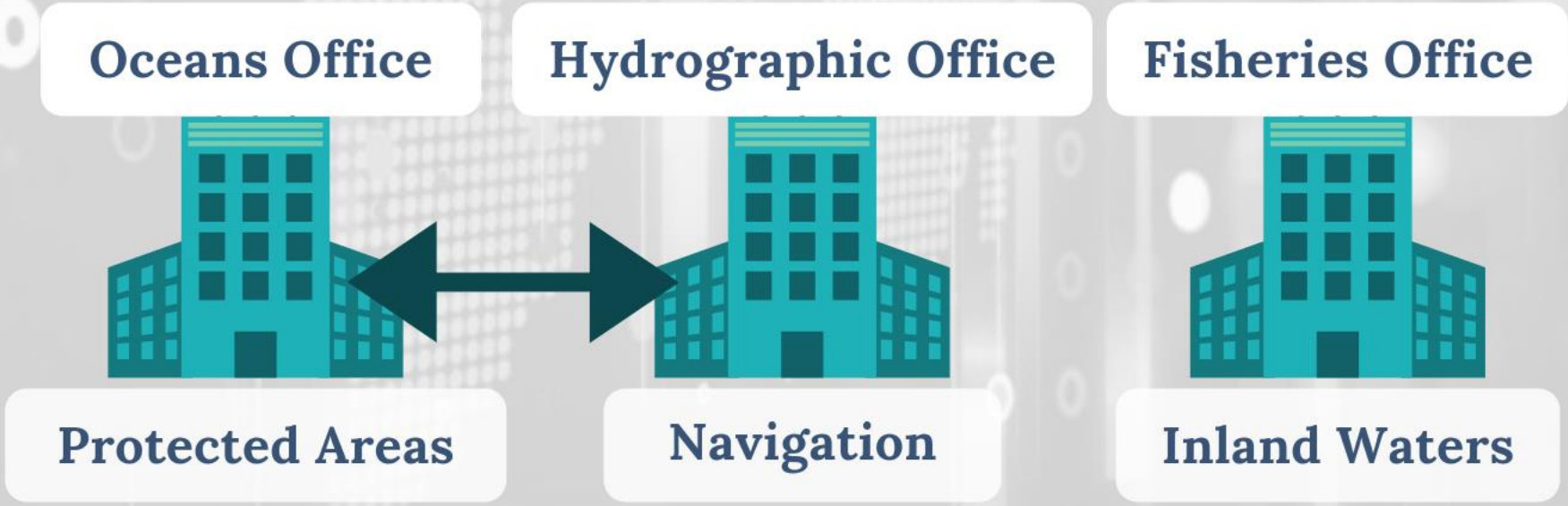

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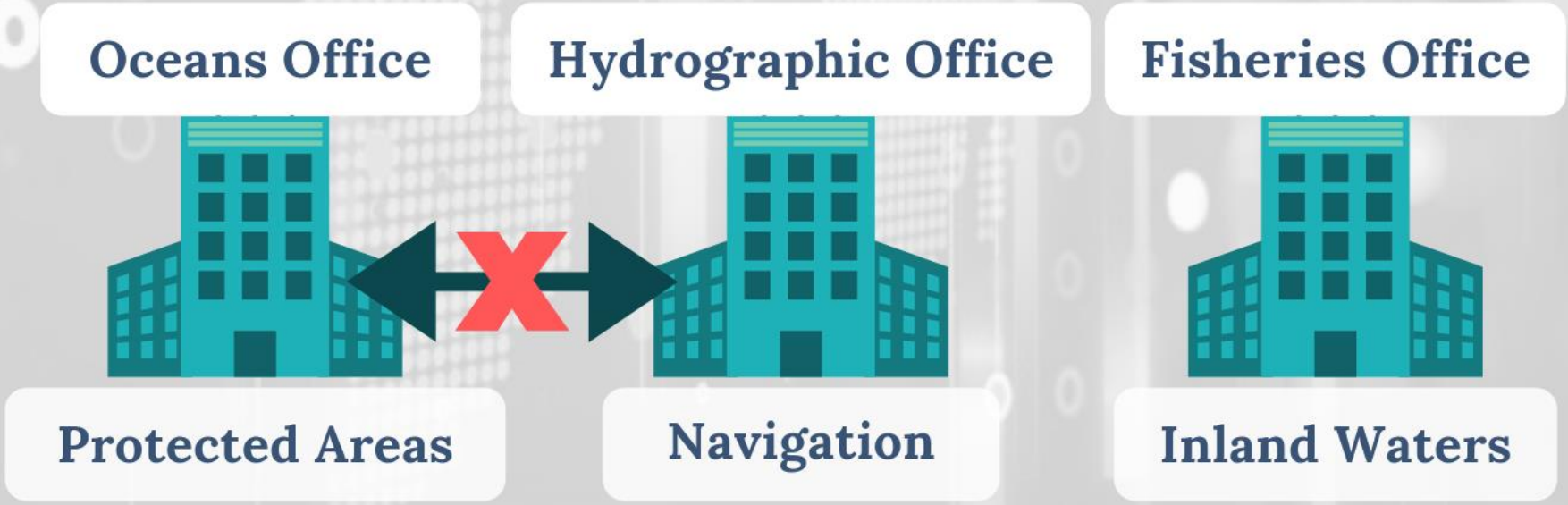

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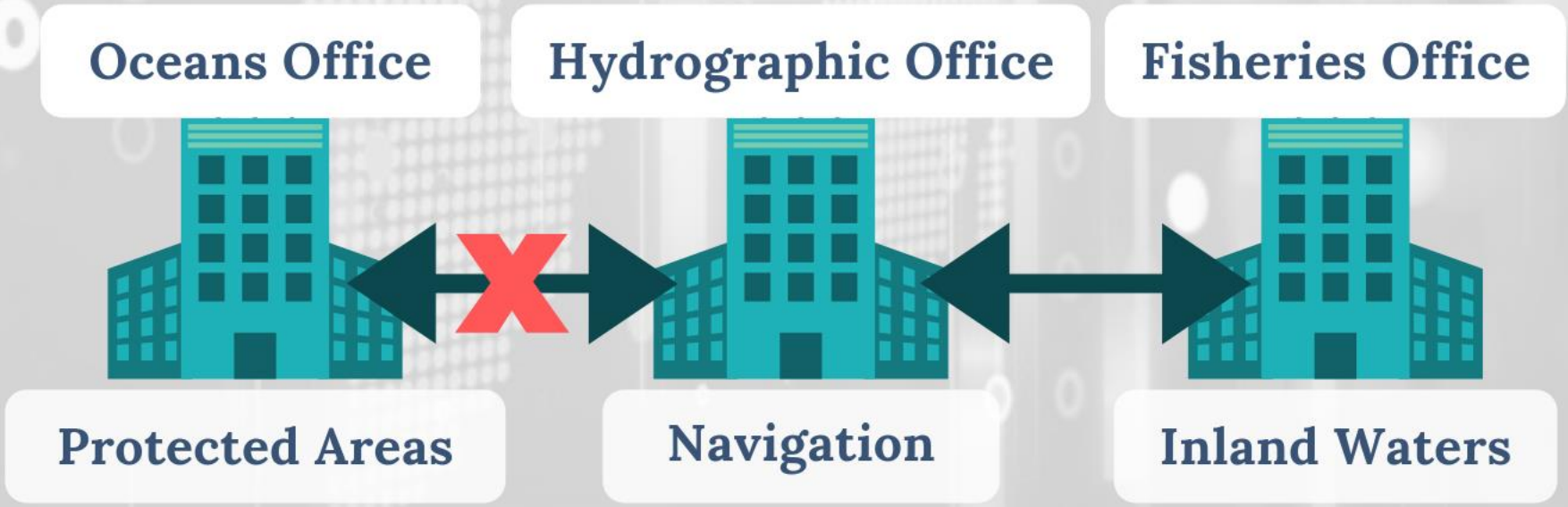

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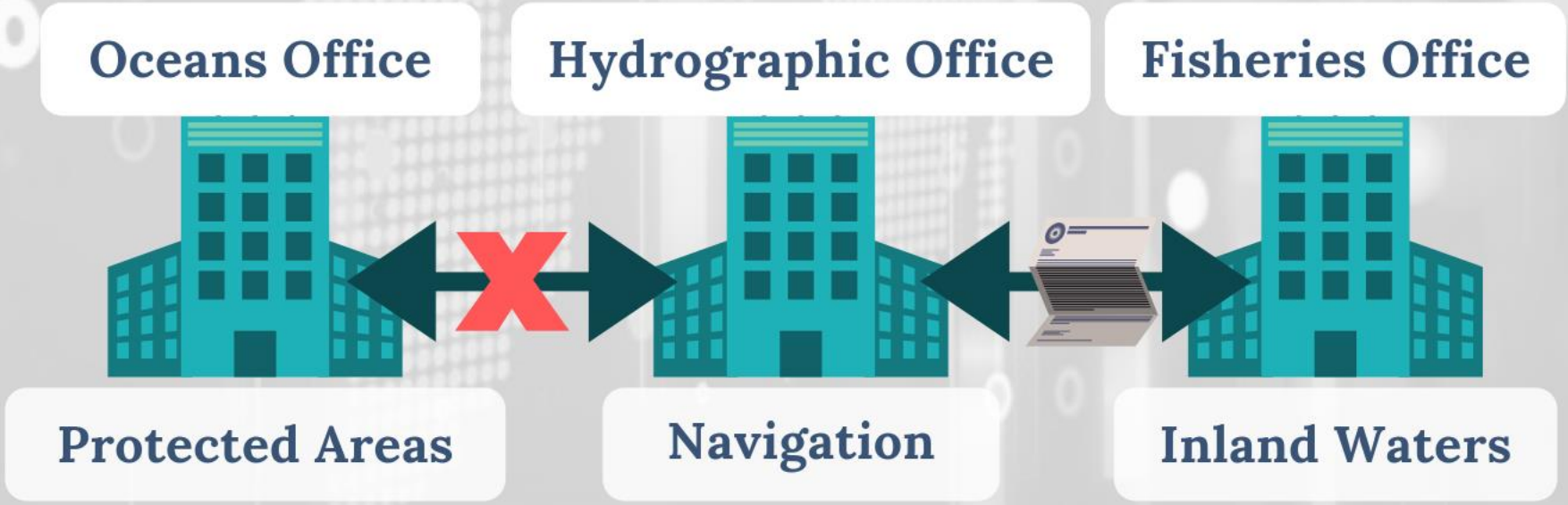

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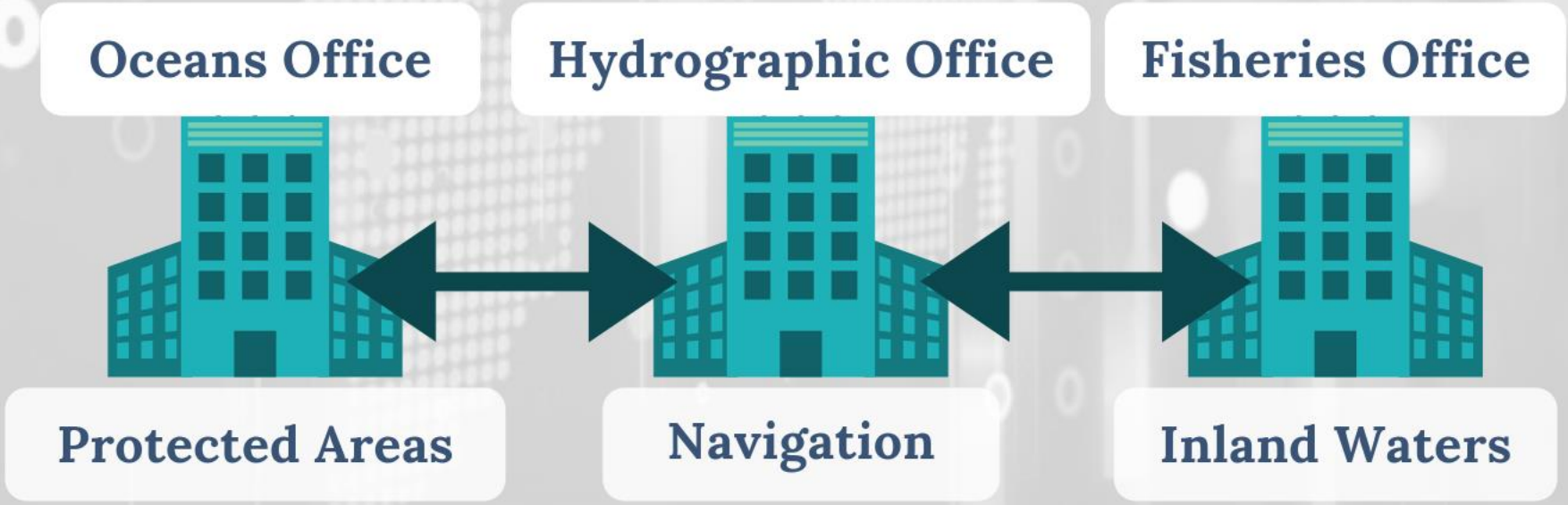

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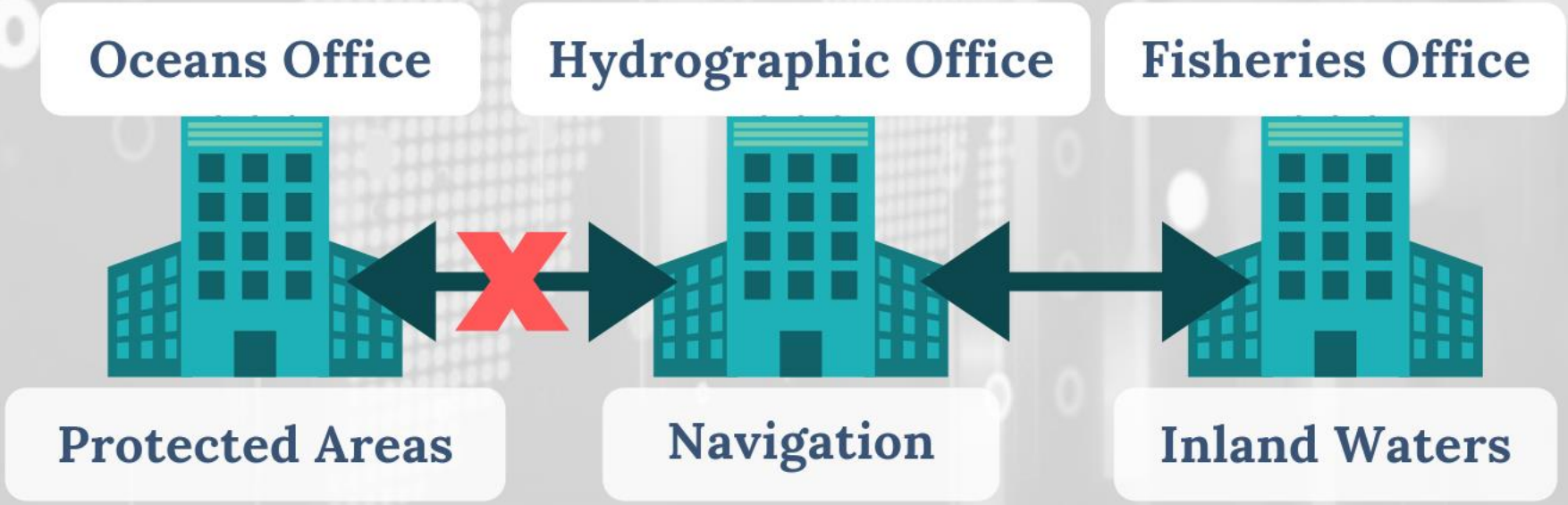

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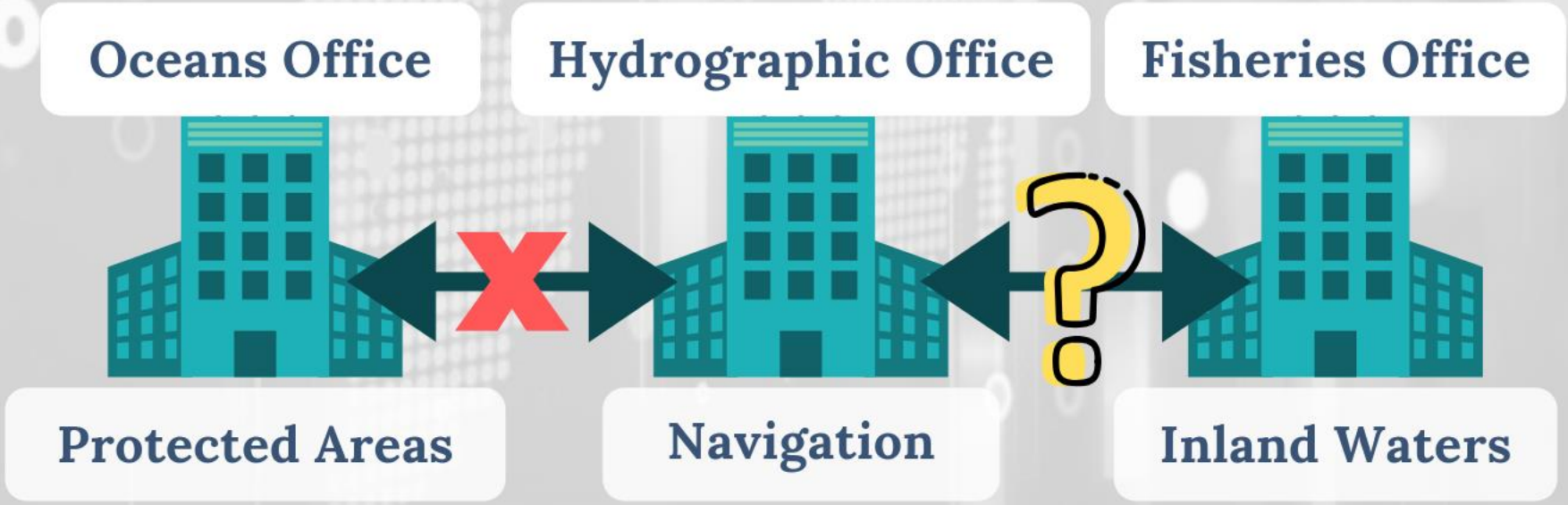

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- How will people use open data? Is it safe for that usage?
- Copyright / licensing issues
- Security issues
- Are data current?

DISCUSSION

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Is there any additional feedback on the exercise itself?

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Is there support for sharing the exercise with a larger group?

THANK YOU!