



United Nations
Educational, Scientific and
Cultural Organization

Organisation
des Nations Unies
pour l'éducation
la science et la culture

Organización
de las Naciones Unidas
para la Educación
la Ciencia y la Cultura

Организация
Объединенных Наций по
вопросам образования
науки и культуры

- Intergovernmental
Oceanographic
Commission
- Commission
océanographique
intergouvernementale
- Comisión
Oceanográfica
Intergubernamental
- Межправительственная
океанографическая
комиссия

MSP in support of sustainable ocean based economy

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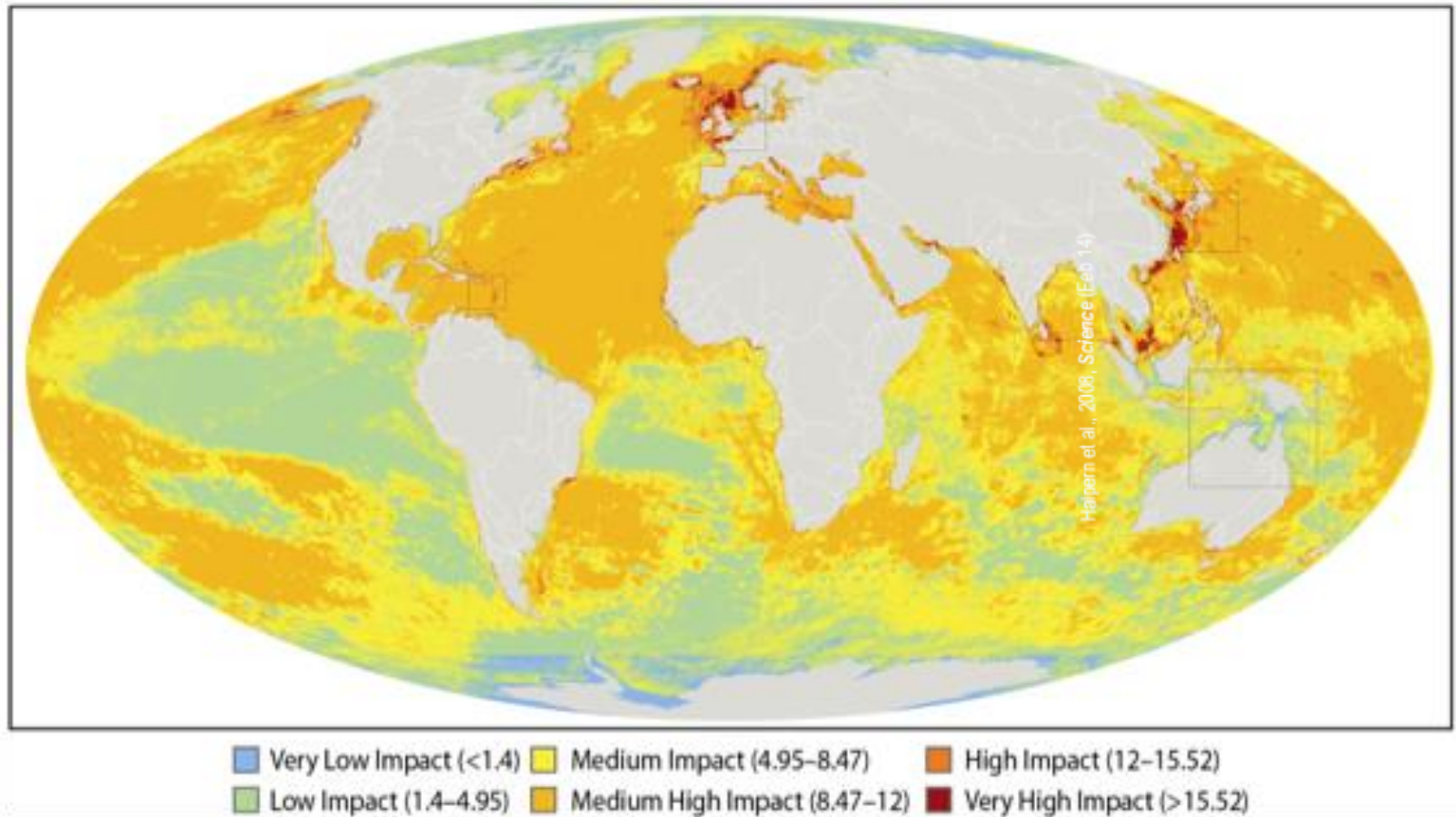
Marine Policy and Regional Coordination Section
Морская политика и Региональная координация
Sección de Política Marítima y de Coordinación Regional
Section de Politique Maritime et de la Coordination Régionale



**Sustainable
Development
Goals**

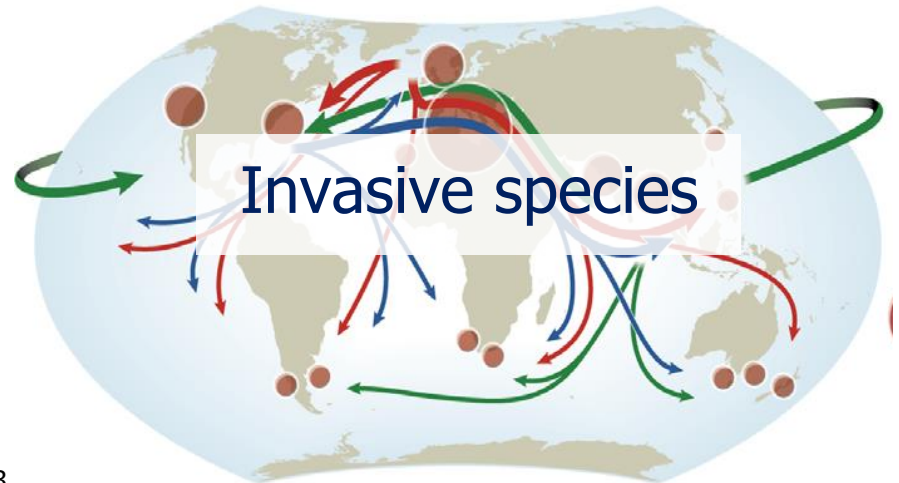
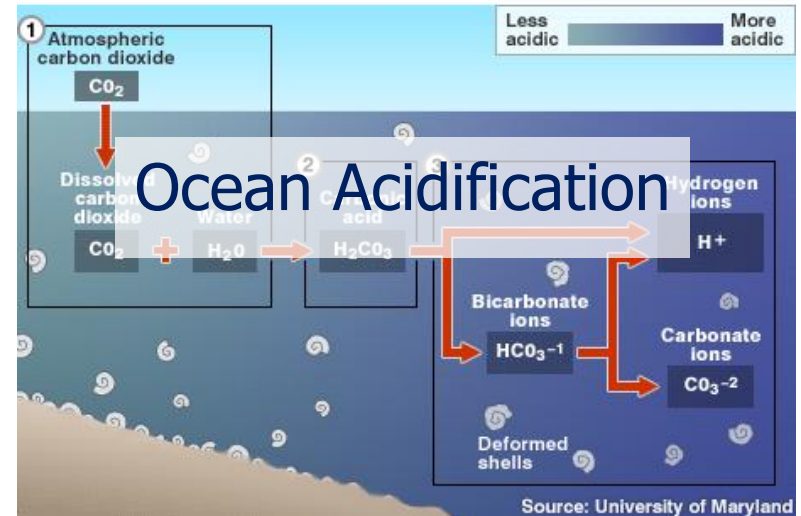
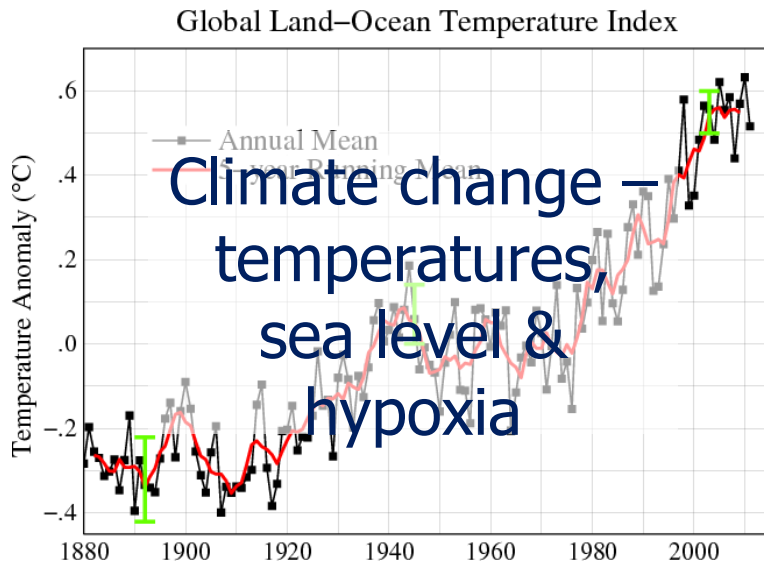
No area of the Ocean is untouched by human activity...

Source: Halpern, Benjamin, 2008. Science. 14 February

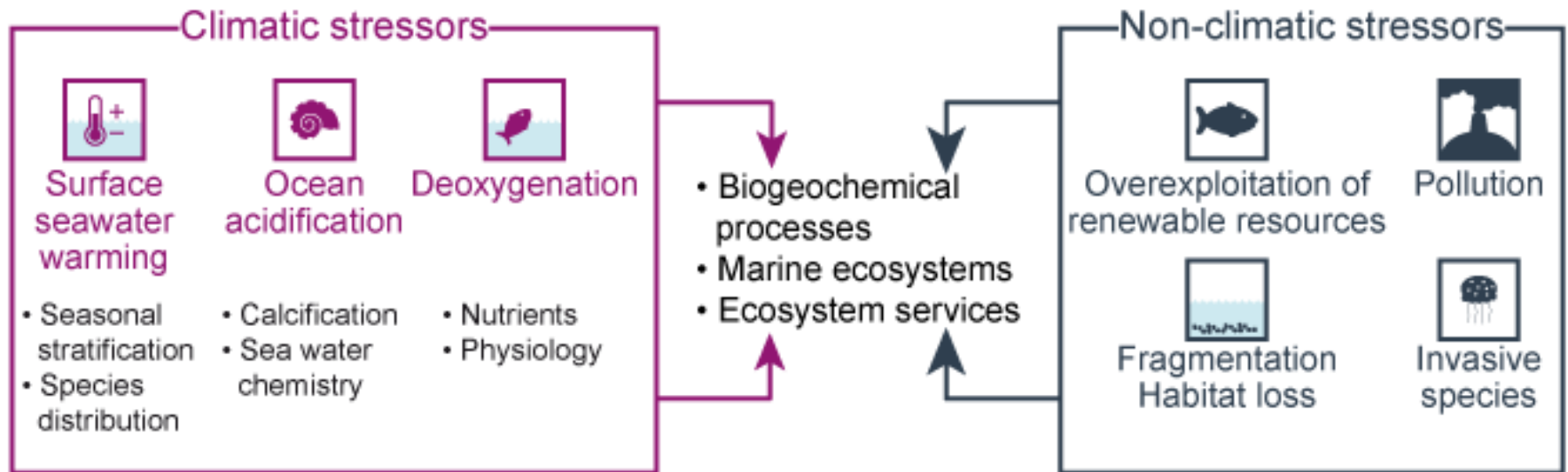


And many marine areas are under increasing development pressures.... 2

Single stressors



Multiple stressors



Possible effects of combining different stressors:

Amplification

Compensation

From traditional human uses





PROTECTED SAND BANKS,
'SAC FLEMISH BANKS'
WITH 4 SUBZONES

C

Bottom disturbing
fishing techniques
are prohibited +
testing of new
techniques

3.454 km²

SUSTAINABLE AQUACULTURE

H

Bottom disturbing
fishing techniques
are prohibited

GRAVEL BEDS

A

SPECIAL PROTECTION AREAS FOR BIRDS

D

1099,9 km²

Bottom disturbing
fishing techniques
are prohibited +
testing of new
techniques

'PLUG AT SEA'

E

NATURE RESERVE
'BAAI VAN HEIST'

Zeebrugge

ENERGY ATOLLS

I

Fisheries prohibited up to 4,5 NM
for vessels over 70 GT

SAND-MASON REEFS

B

Limited to fisheries
with certain fishing
gear (no beam trawl)

Nieuwpoort

Belgium

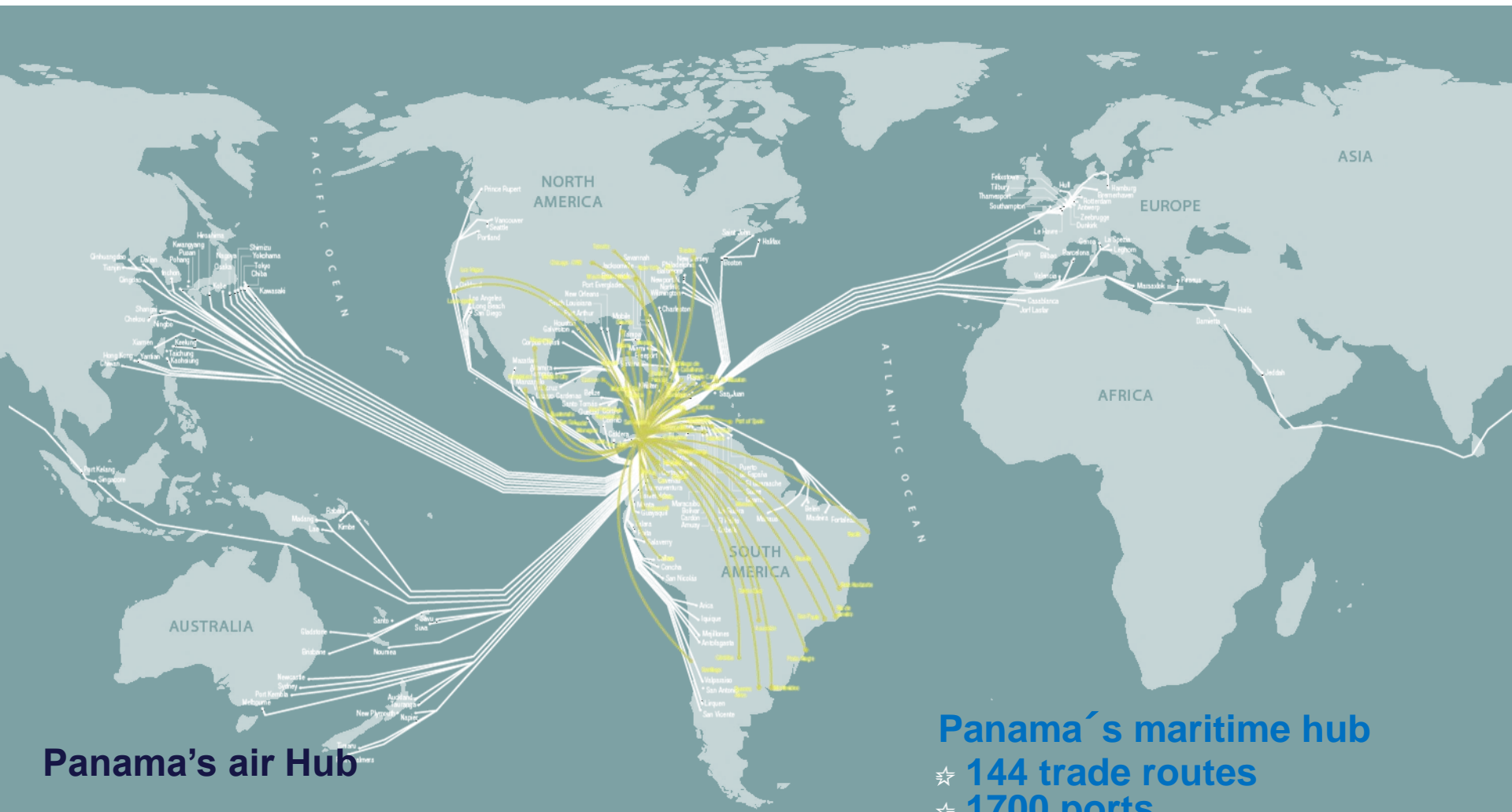
The Netherlands

France

From traditional human uses



The transportation and logistics hub of the Americas



Panama's air Hub

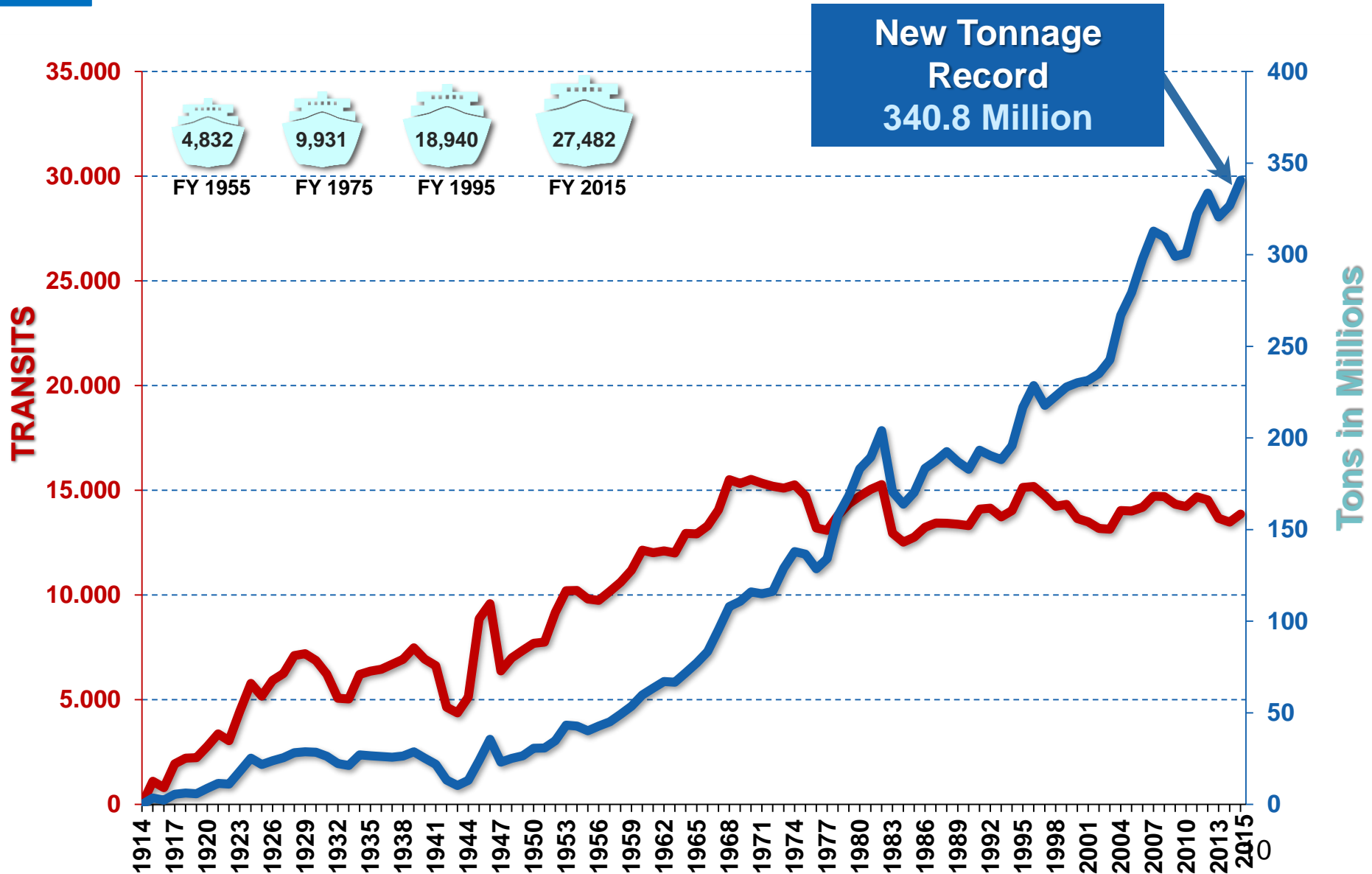
- ✧ 74 destinations
- ✧ 30 countries

Panama's maritime hub

- ✧ 144 trade routes
- ✧ 1700 ports
- ✧ 160 countries



Transits & PC/UMS Tonnage



LA STRATÉGIE MARITIME DU QUÉBEC EN CHIFFRES

2014-2030

30 000

NOUVEAUX EMPLOIS

4 MILLIARDS

D'INVESTISSEMENTS PRIVÉS

3 MILLIARDS

EN INFRASTRUCTURES

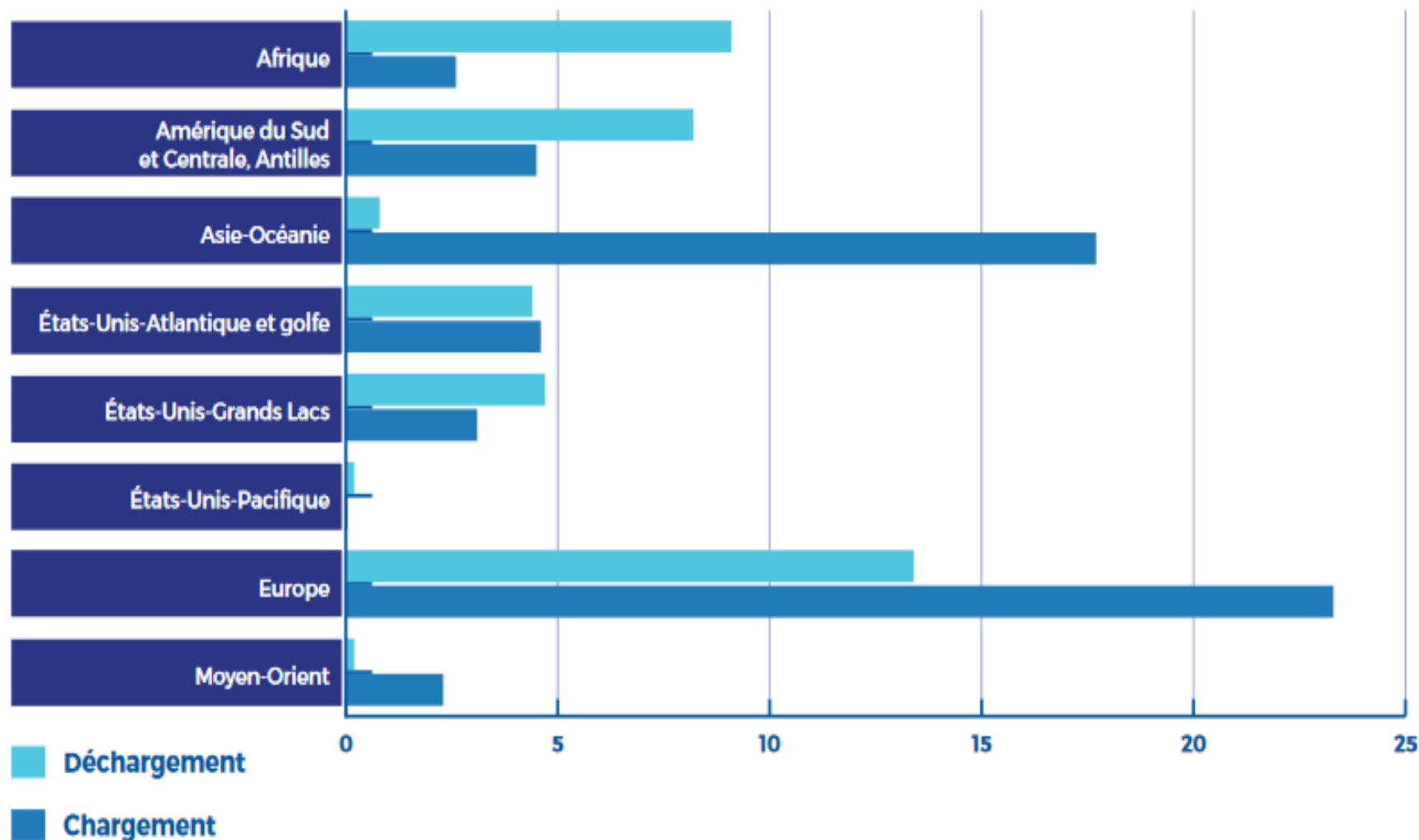
3,5 MILLIARDS

EN RETOMBÉES FISCALES

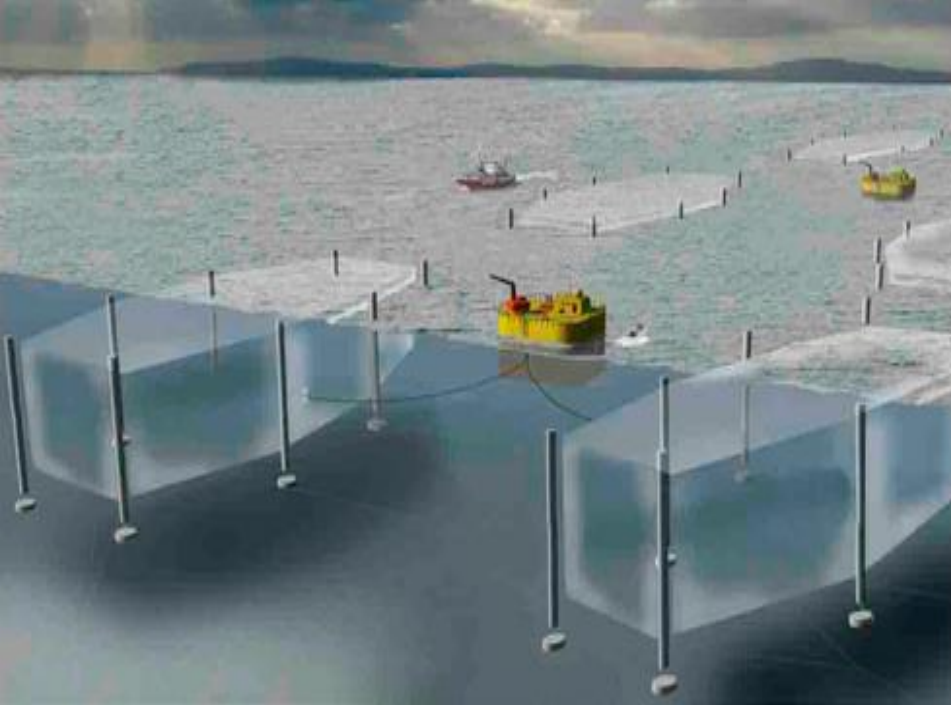


Figure 4 Transport maritime international du Québec

Tonnage chargement et déchargement du fret en 2011 (million de tonnes)



New energy demanding needs



Increasing tourism needs





© Slide prepared by Mr. Alain Commarmond
Ministry of Environment of Seychelles



Seychelles MSP: Goals and Outcome

BIODIVERSITY
PROTECTION



BLUE
ECONOMY



CLIMATE
CHANGE
ADAPTATION



OUTCOMES

1. DEBT SWAP
Innovative Financing

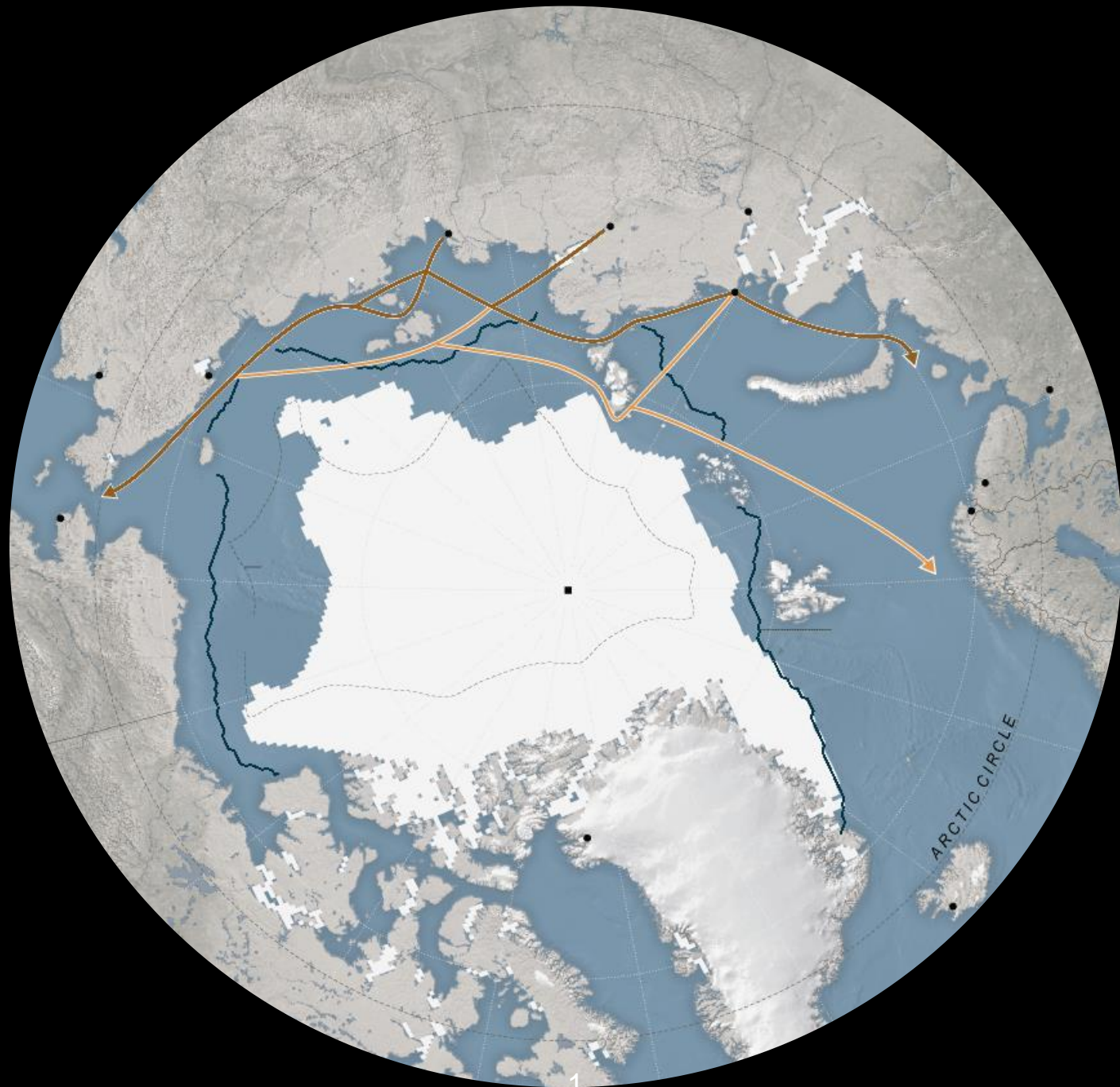
2. MARINE PLAN
Zoning Design

3. TRUST
Implementation Funding

Photo by Manu San Félix/National Geographic, shot during the Pristine Seas expedition to Seychelles, March 2015.

New developing areas





•Hard
Minerals

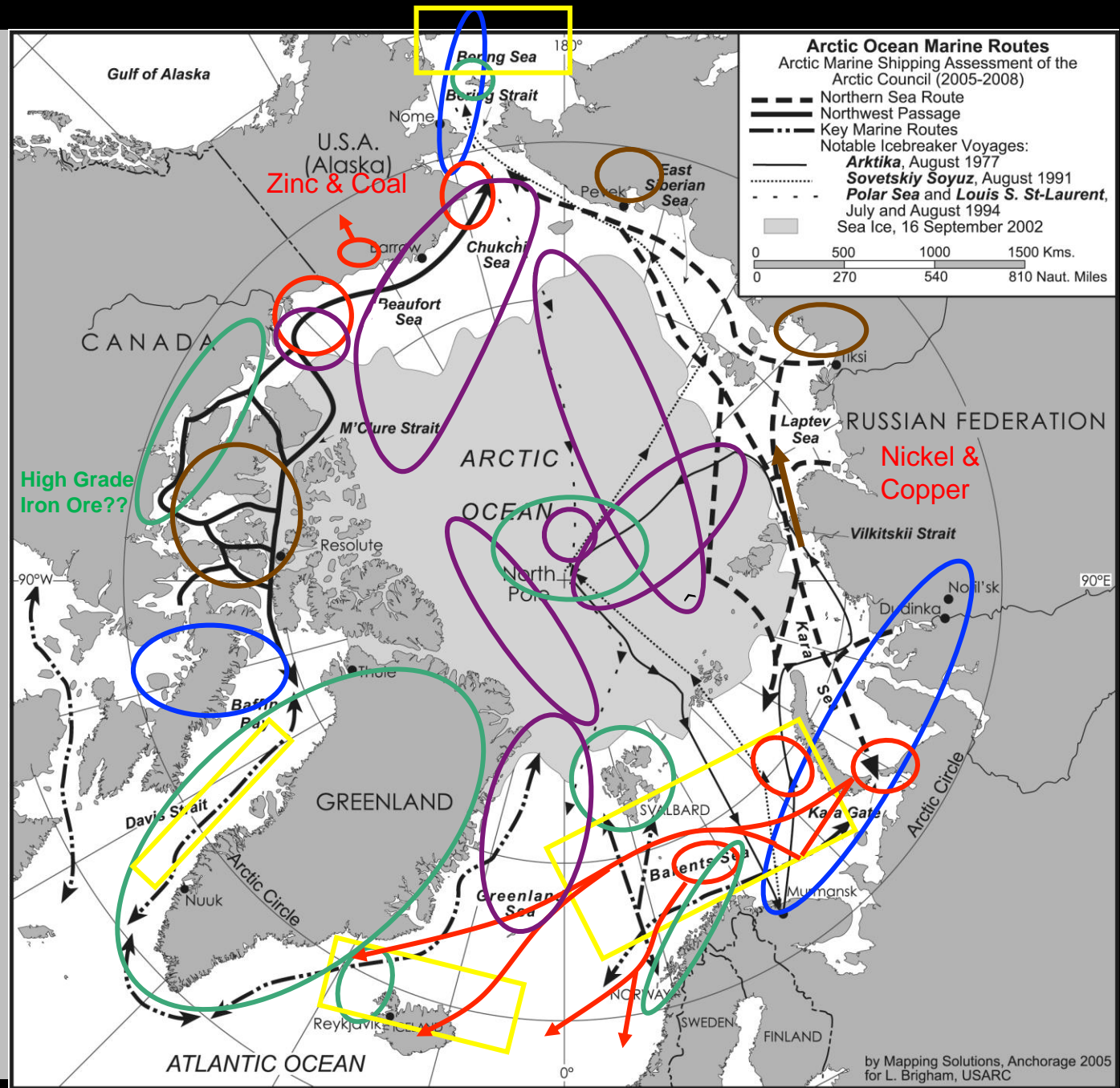
•Marine
Tourism

•Key
Fisheries

•Oil & Gas

•Summer
Sealift

•Exploration/
Science





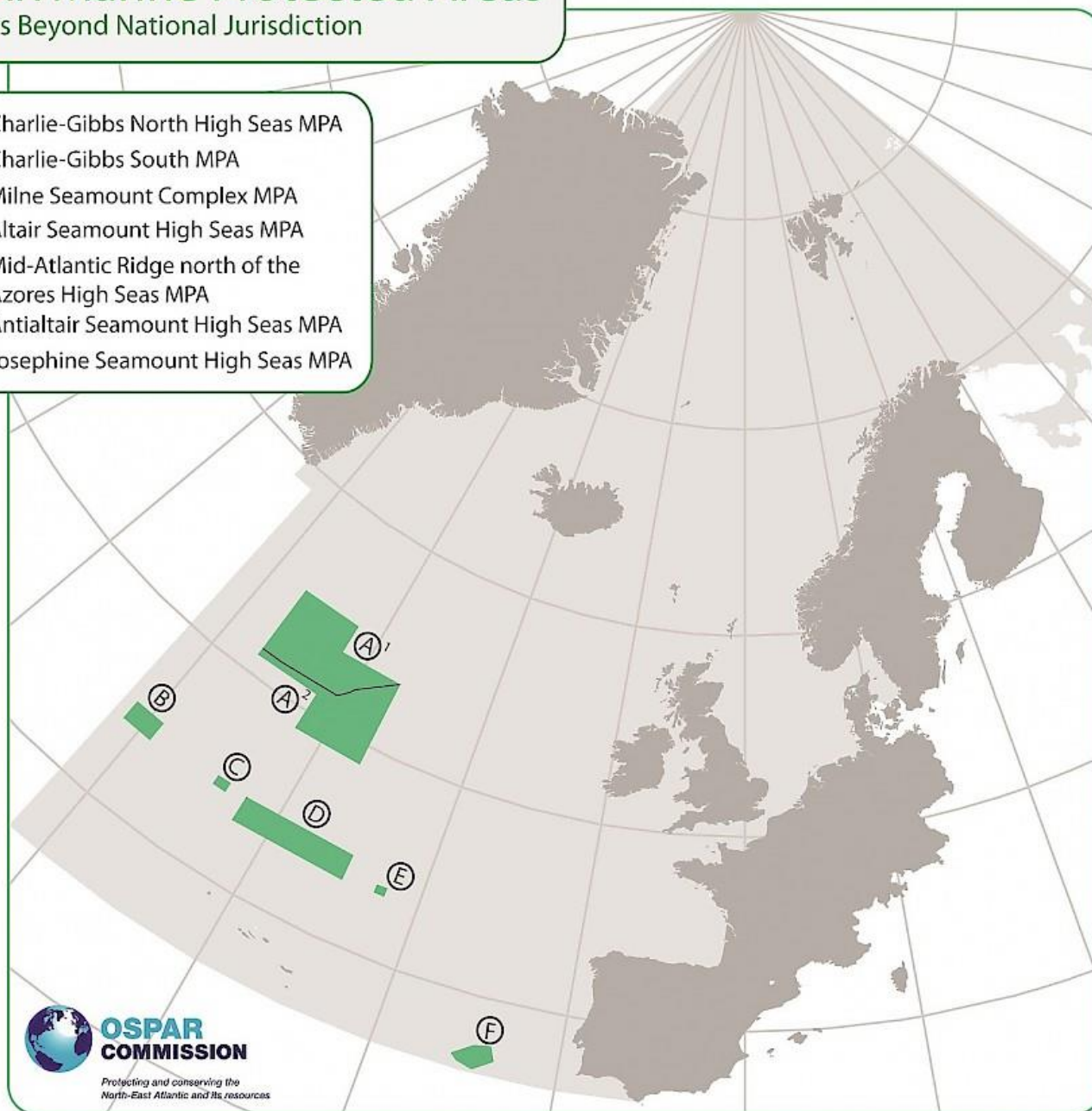
4.000.000
km²



OSPAR Marine Protected Areas

- in Areas Beyond National Jurisdiction

- (A)¹ Charlie-Gibbs North High Seas MPA
- (A)² Charlie-Gibbs South MPA
- (B) Milne Seamount Complex MPA
- (C) Altair Seamount High Seas MPA
- (D) Mid-Atlantic Ridge north of the Azores High Seas MPA
- (E) Antialtair Seamount High Seas MPA
- (F) Josephine Seamount High Seas MPA



Just a reminder



“The public process of analyzing and allocating the spatial and temporal distribution of human activities to achieve ecological, economic, and social objectives that are usually specified through a political process.”

*IOC-UNESCO
Ehler & Douvère 2007
“Visions for a Sea Change”*



The Ocean is not homogeneous

Some Areas are
More Important
than Others



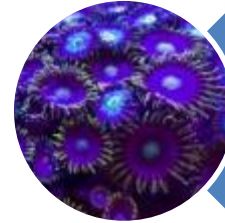
The ocean is priceless



**Marine
Fishery and
Aquaculture**



**Marine
Tourism**



**Biotechnology
and
bioproducts**



**Marine
Mining**



**Marine
Construction
and Marine
Equipment
manufacturing**



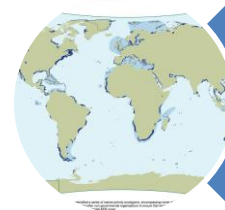
Desalination



**Offshore
oil and gas**



**Marine
research and
development
, ocean literacy**



**Marine
administration**



**Ports and
shipping
industry**



**Renewable
energy**



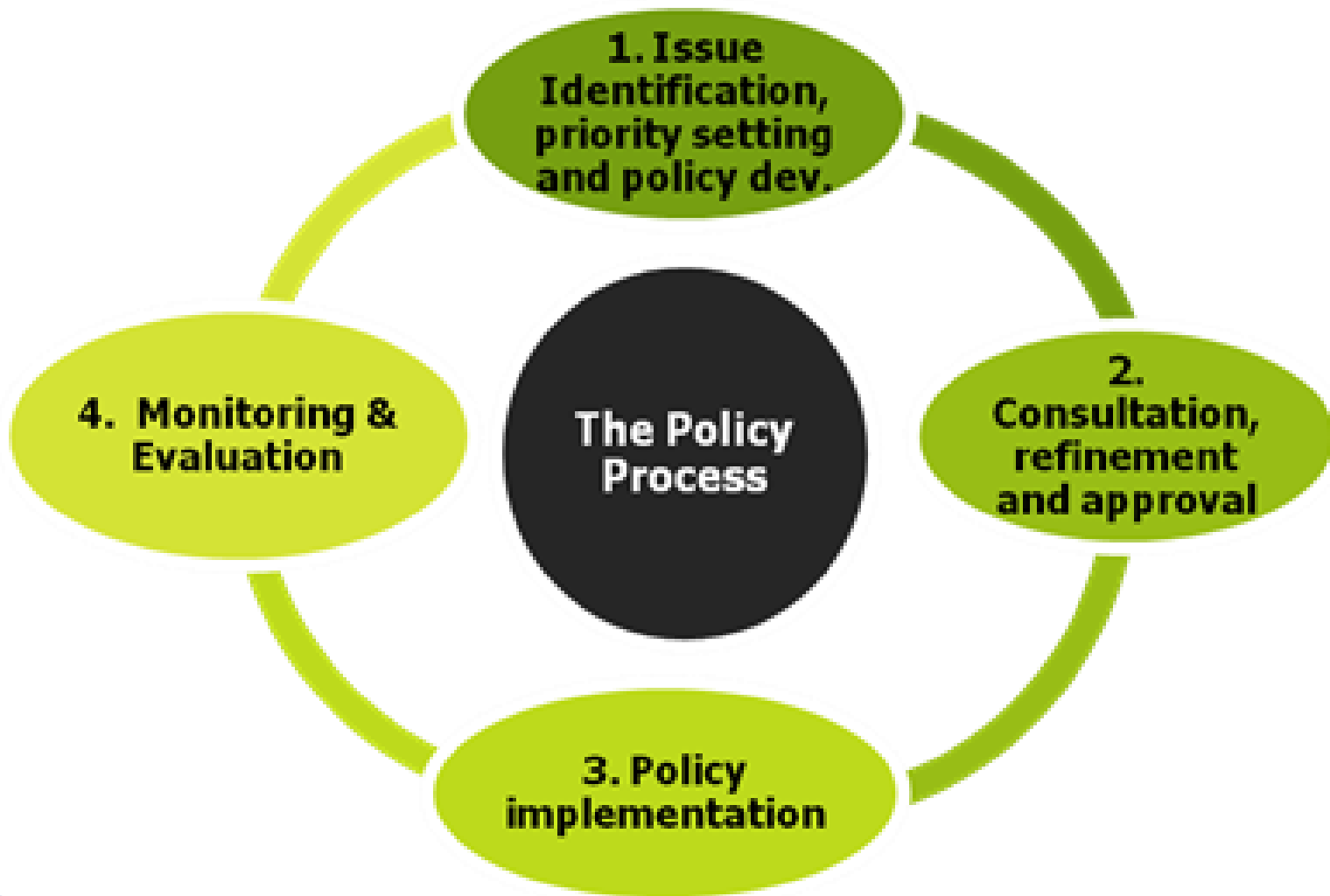
**Marine
business
services**

Agenda 2030: 17 objectives to transform our world





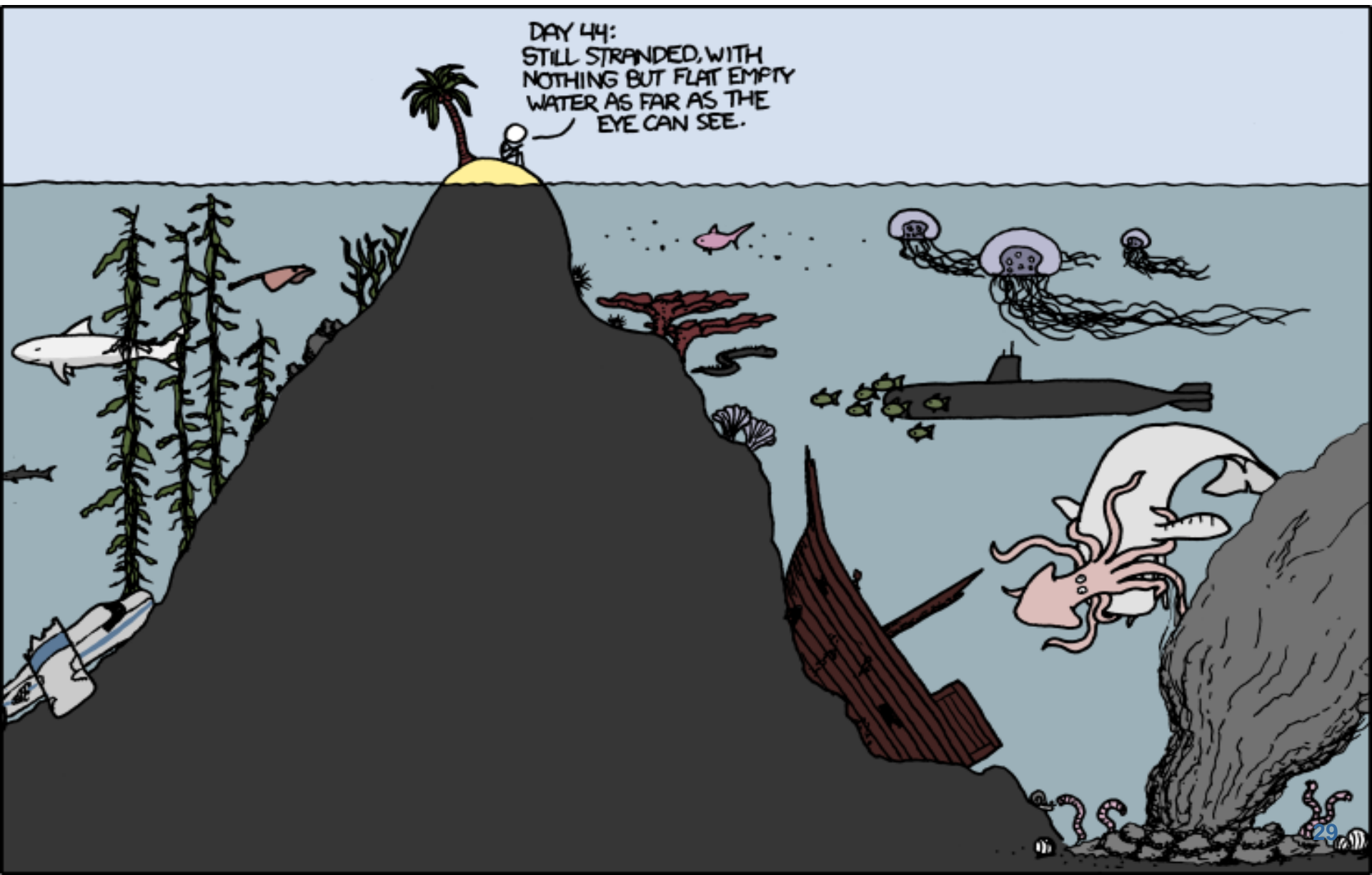
Agenda 2030: A policy process



Public managers need to provide more



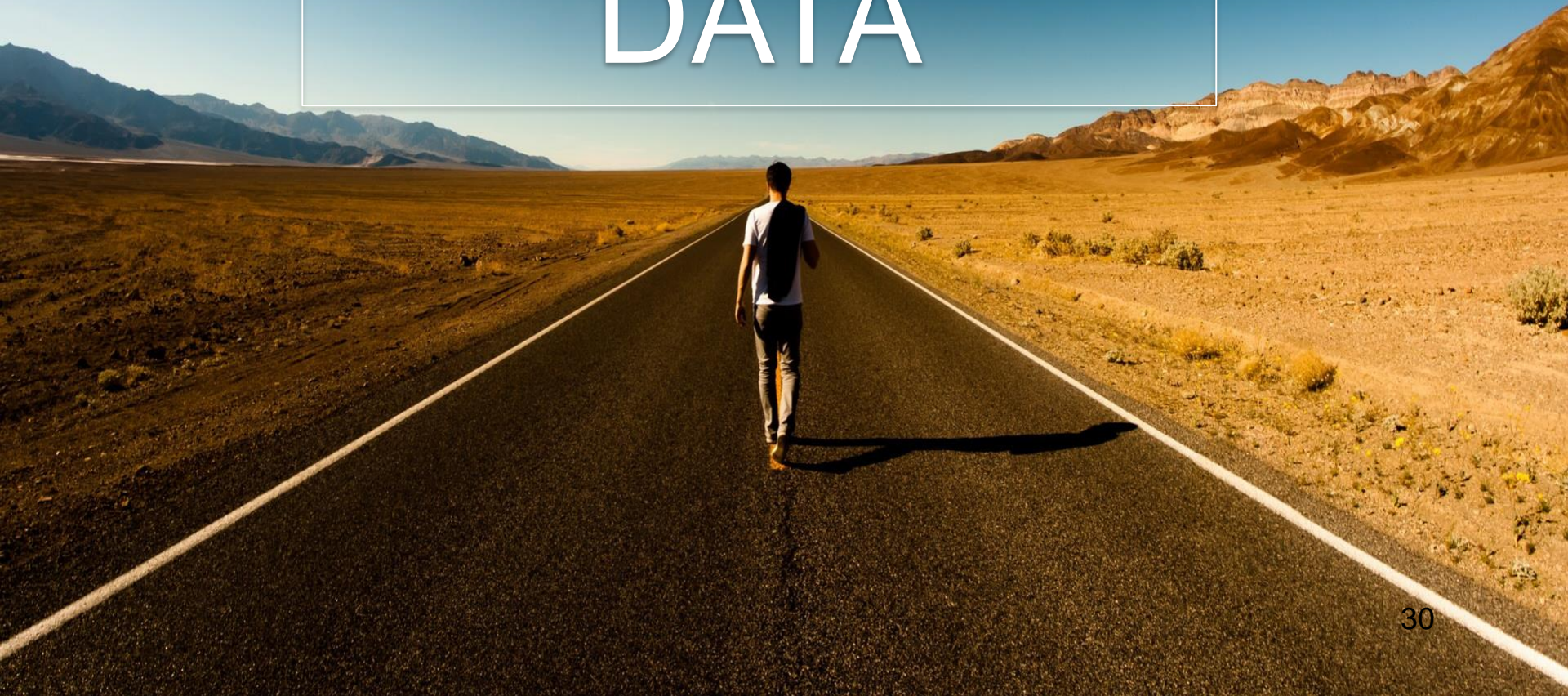
The spatial problems



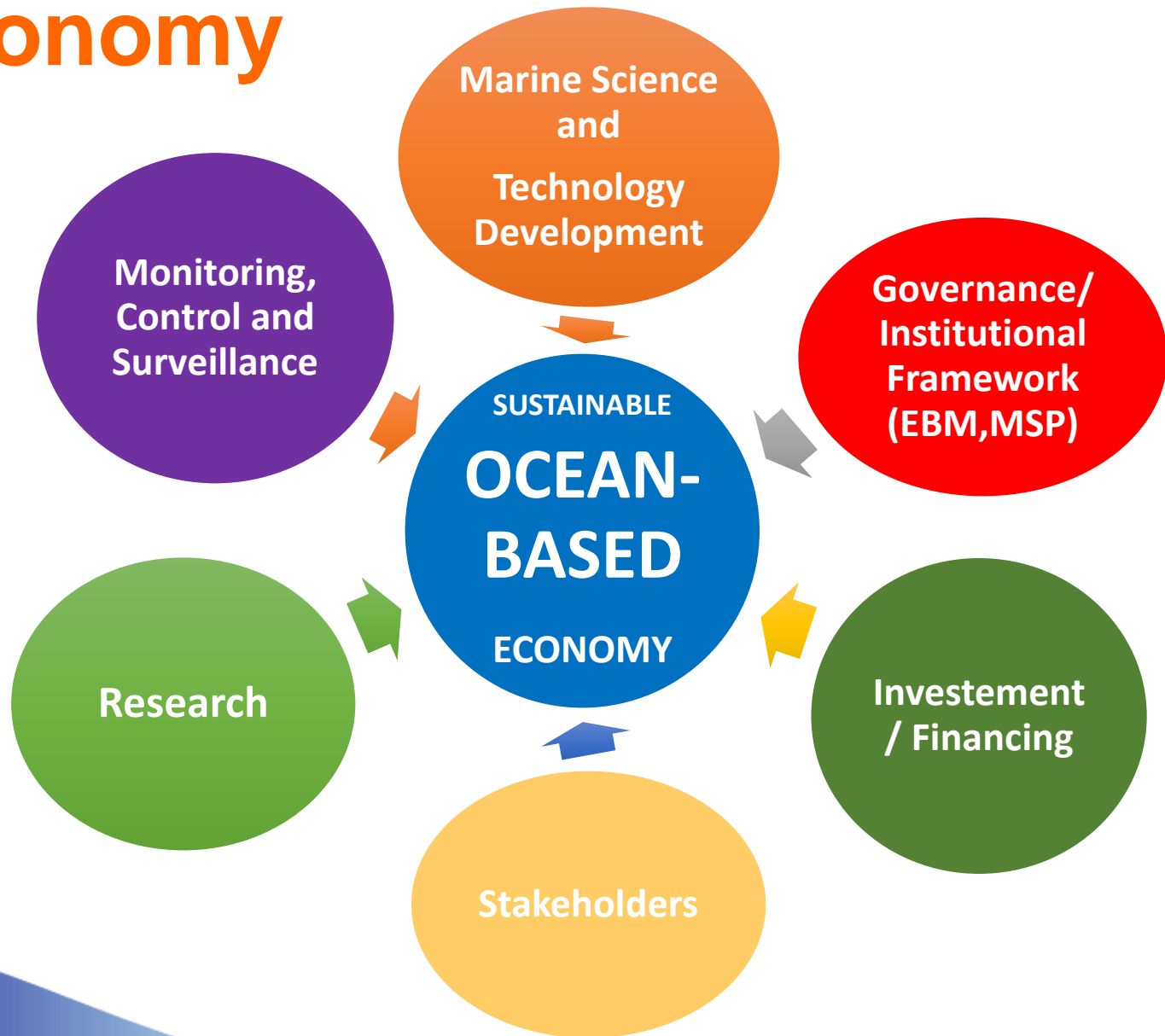
KNOWLEDGE

INFORMATION

DATA



Knowledge-based ocean economy





It all comes down to people. People working together, sharing the same challenges and looking for joint solutions.



**We are citizens of
One Planet and One Ocean**