



THE EAST ASIAN SEAS CONGRESS 2015

Global Targets **Local Benefits**

Setting the Sustainable Development Agenda
for the Seas of East Asia beyond 2015

16-21 November 2015 • Danang, Vietnam

**Improving biodiversity conservation and resilience to
climate change through integrated coastal and marine
protected areas management in the ASEAN region**

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ASEAN Centre for Biodiversity



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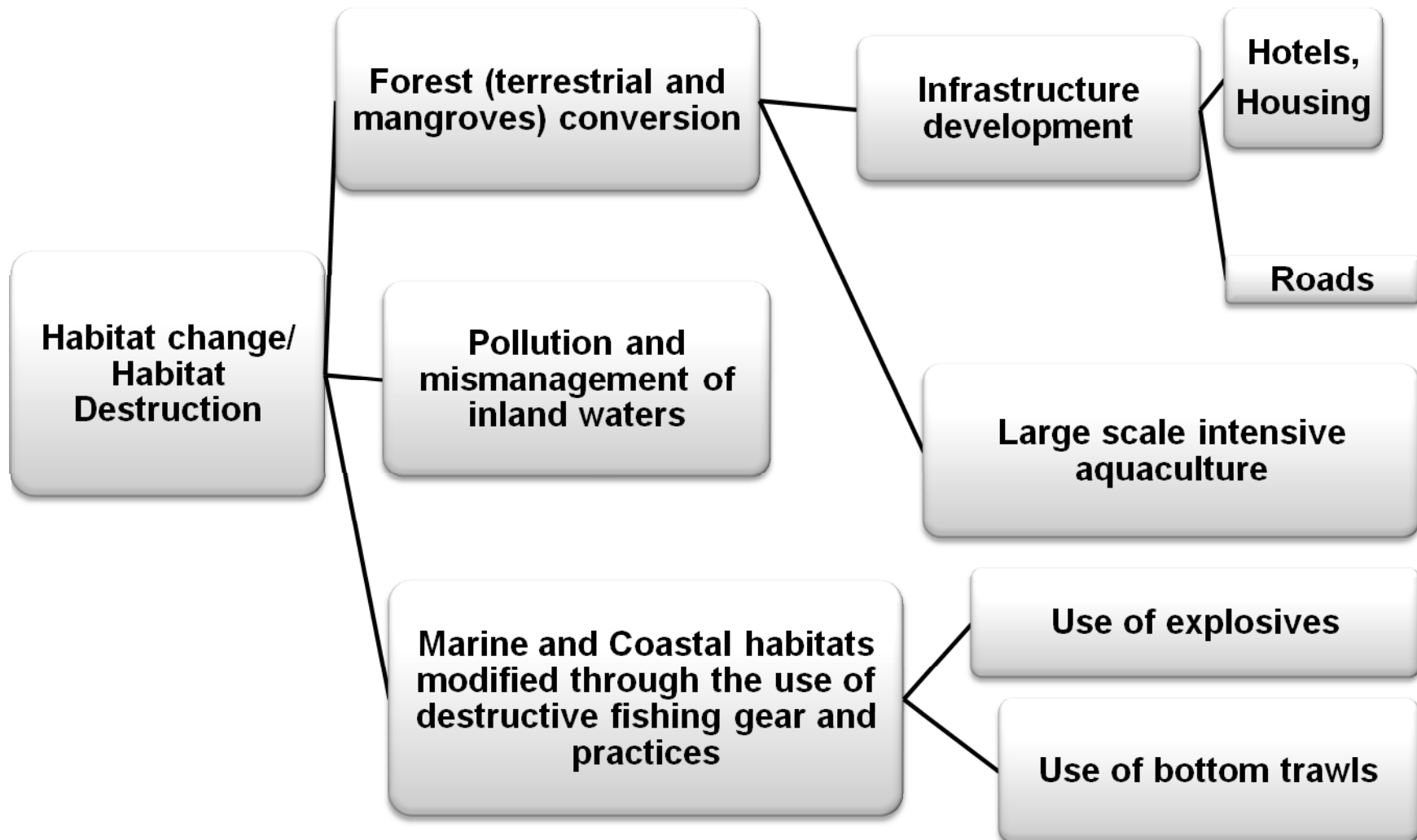
Setting the Sustainable Development Agenda for the Seas of East Asia beyond 2015

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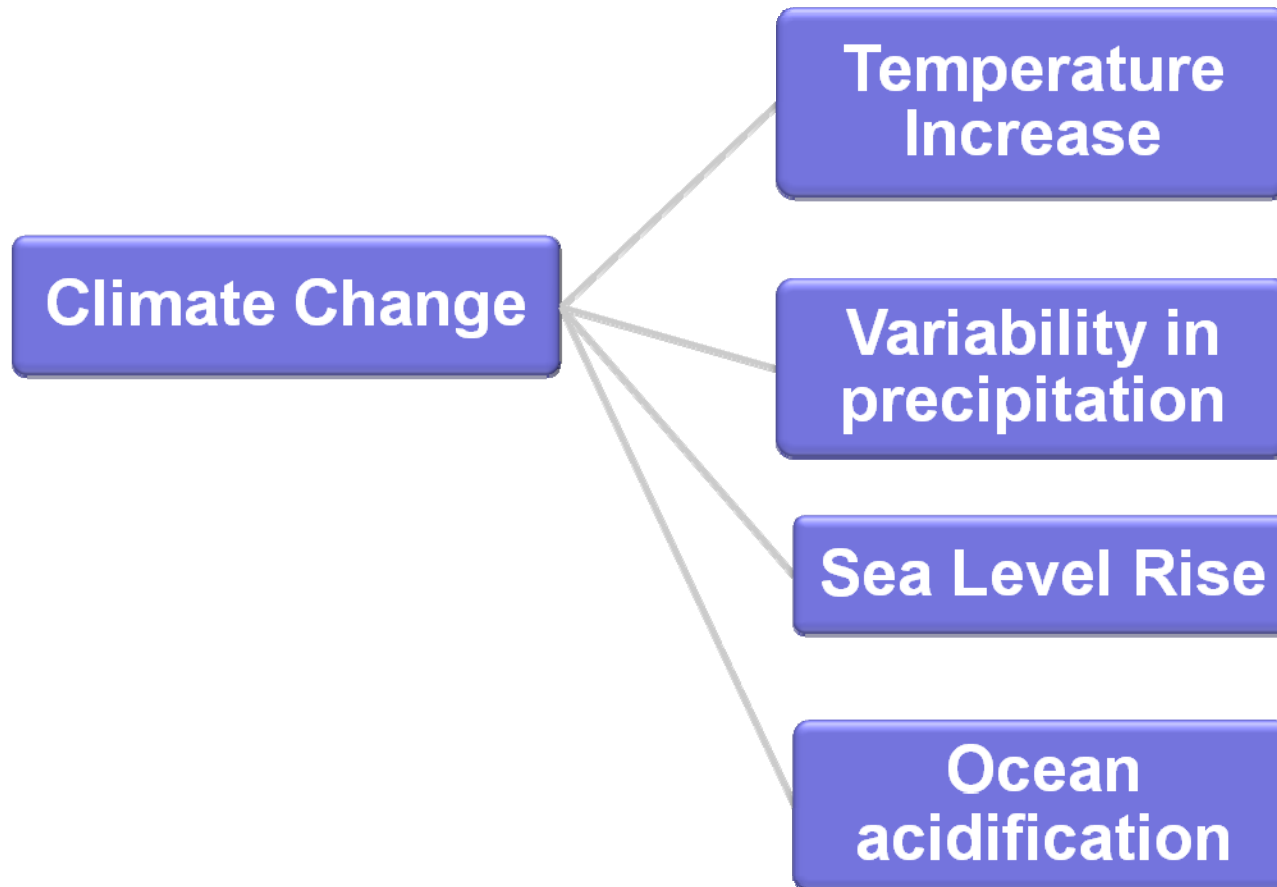
A Presentation of Two Proposals

- Achieving the Aichi Biodiversity Targets through Integrated Coastal Management.
- Improving biodiversity conservation and climate change resilience through better informed coastal and wetland site management

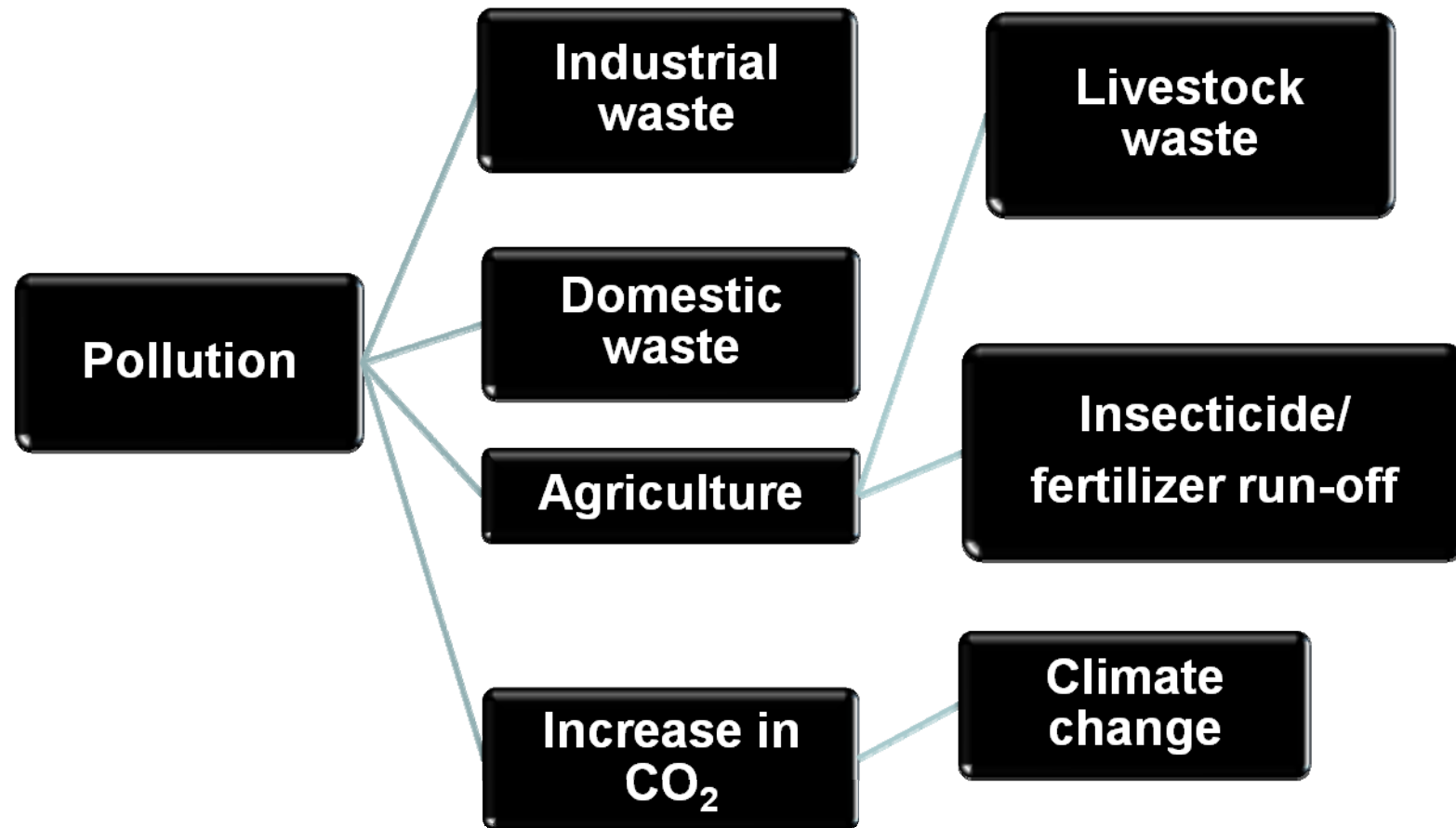
Drivers of Marine Biodiversity Loss



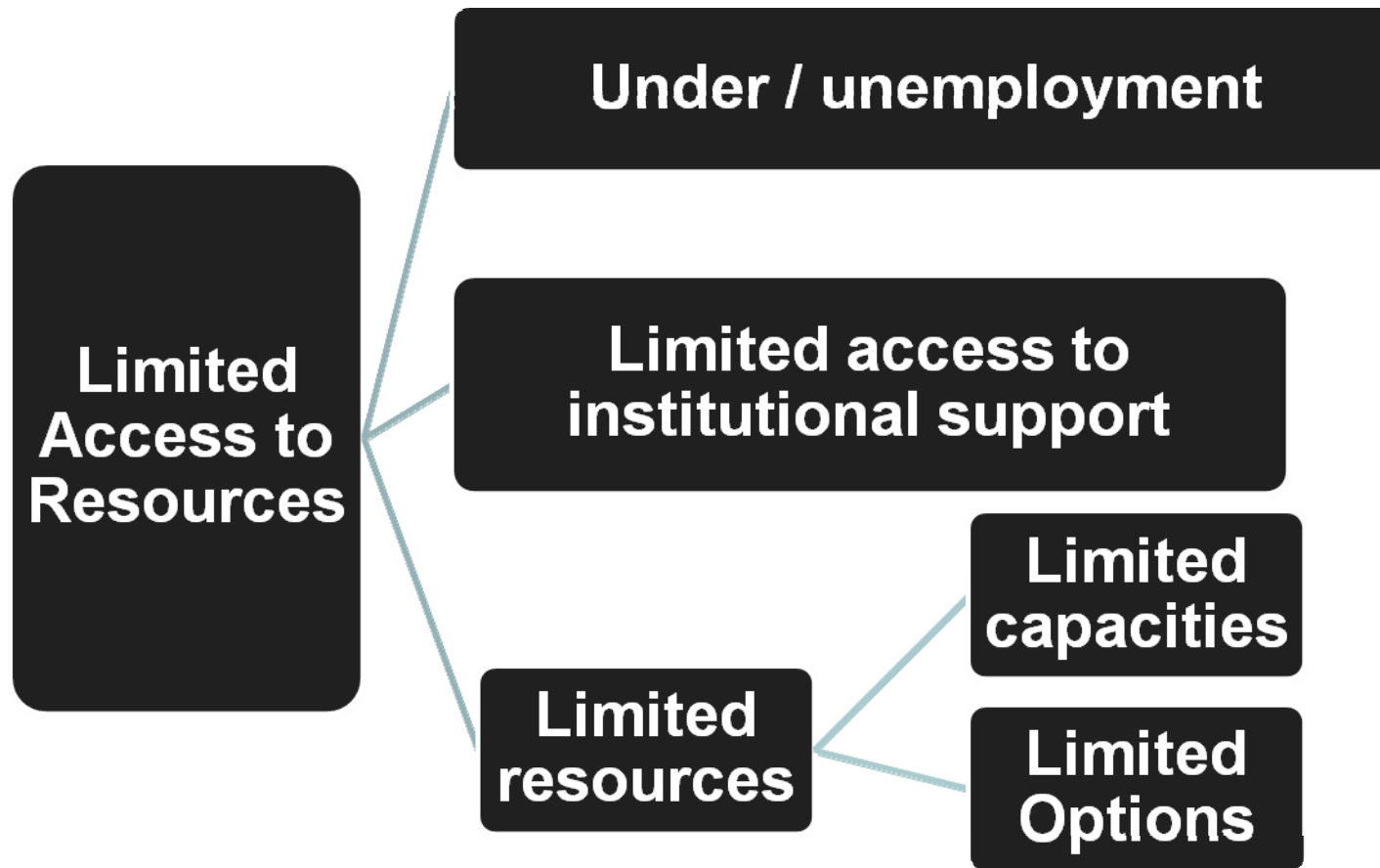
Drivers of Marine Biodiversity Loss



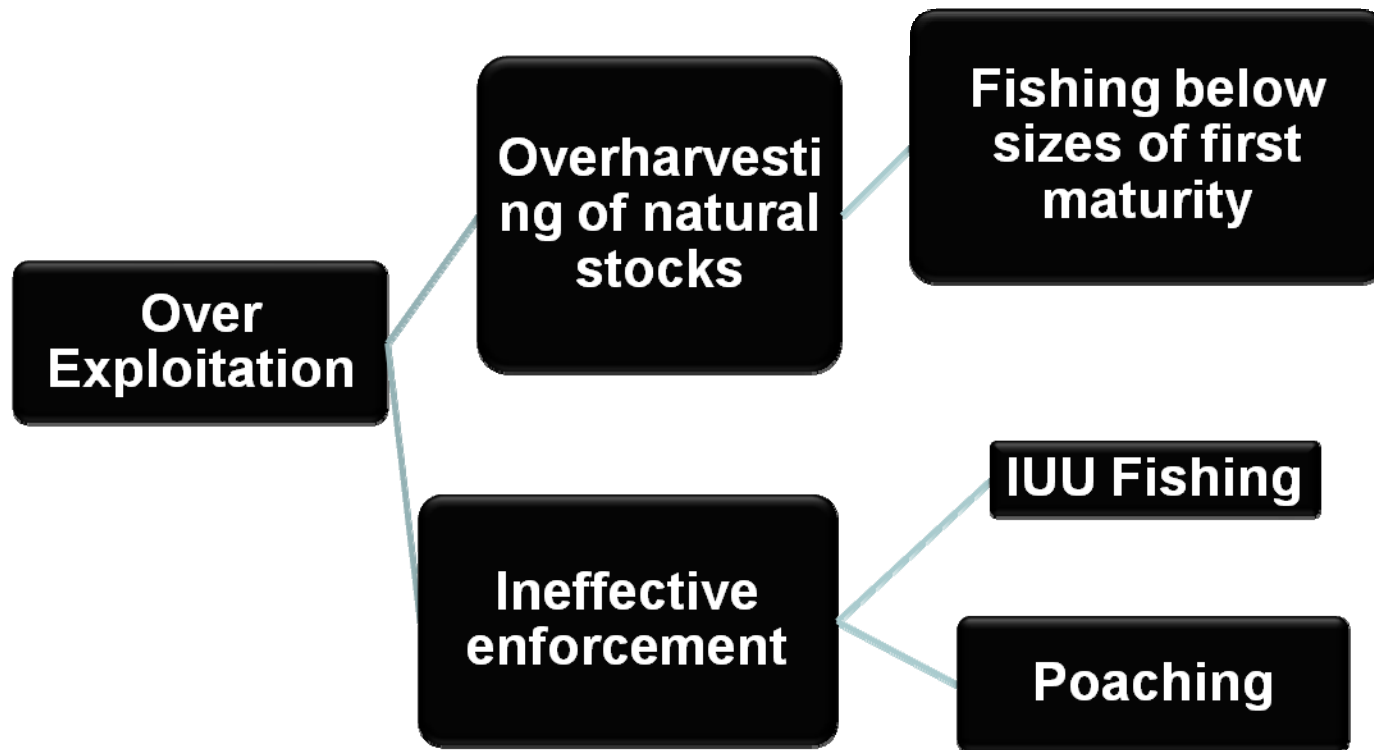
Drivers of Marine Biodiversity Loss



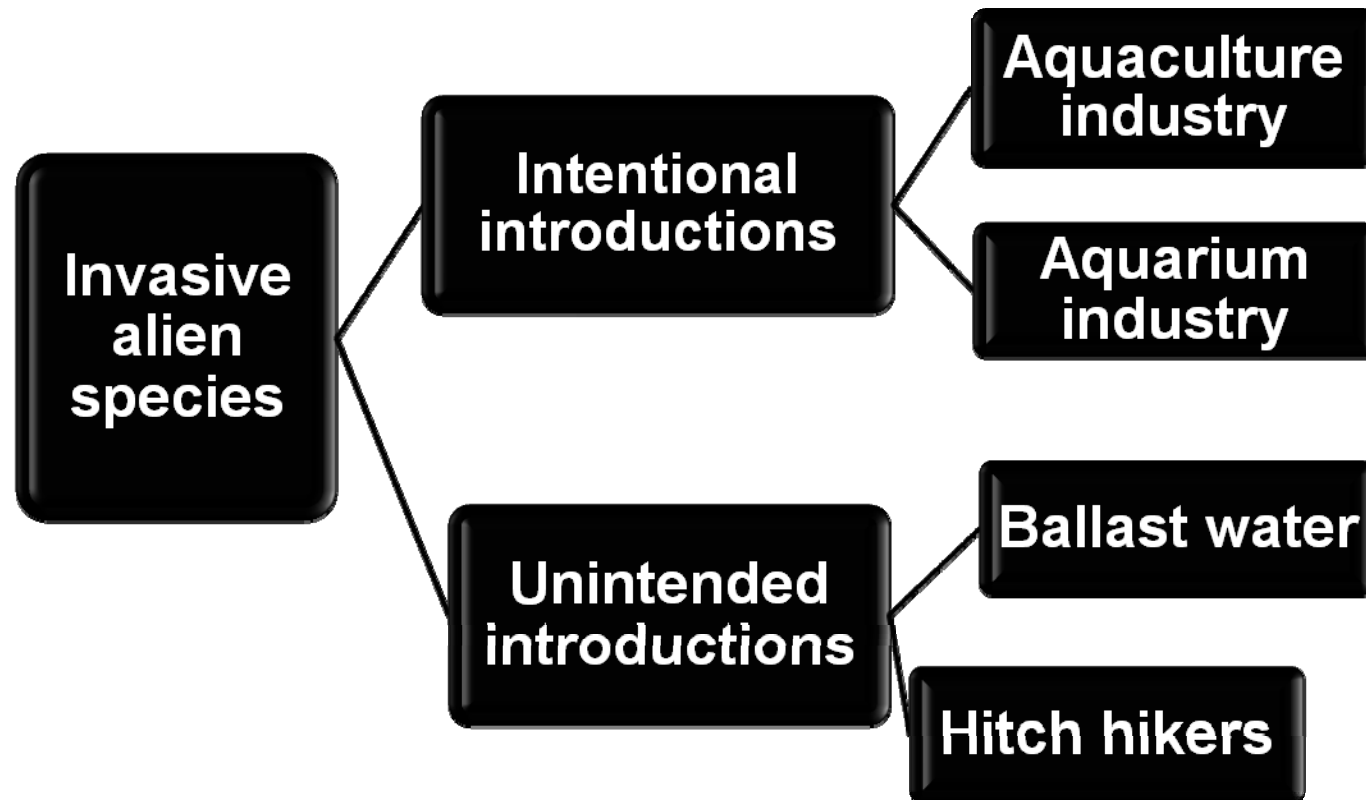
Drivers of Marine Biodiversity Loss



Drivers of Marine Biodiversity Loss



Drivers of Marine Biodiversity Loss





Achieving the Aichi Targets through Integrated Coastal Management

A Regional Proposal

Prepared Jointly by PEMSEA and ACB

With support from LifeWeb and GIZ



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Project Objectives

Component 1:

Build the science basis to scale up the necessary geographic coverage of marine conservation and the means to improve their effectiveness through the implementation of NBSAPs

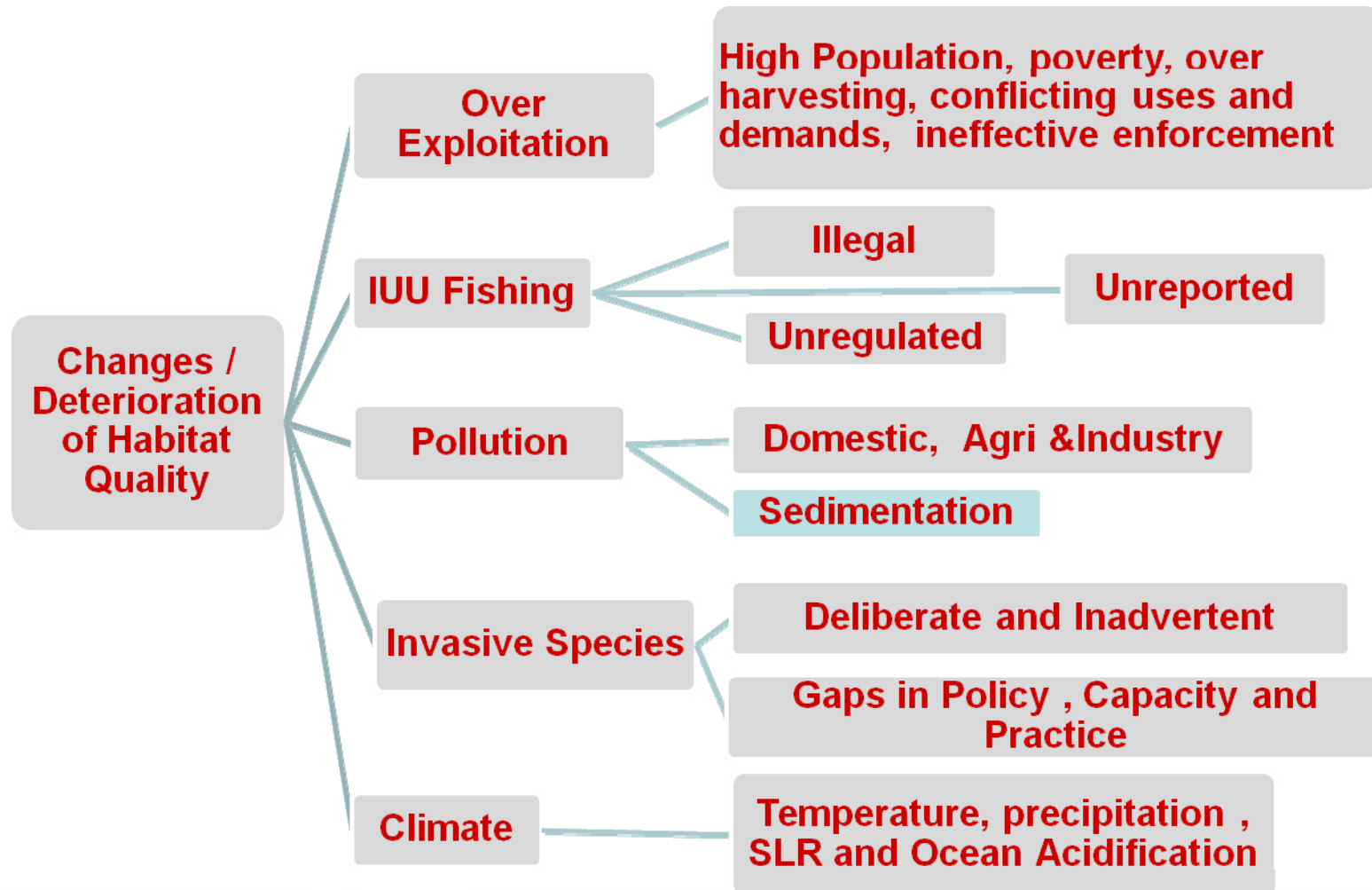
Component 2:

To develop and implement ICM programs focused on biodiversity conservation

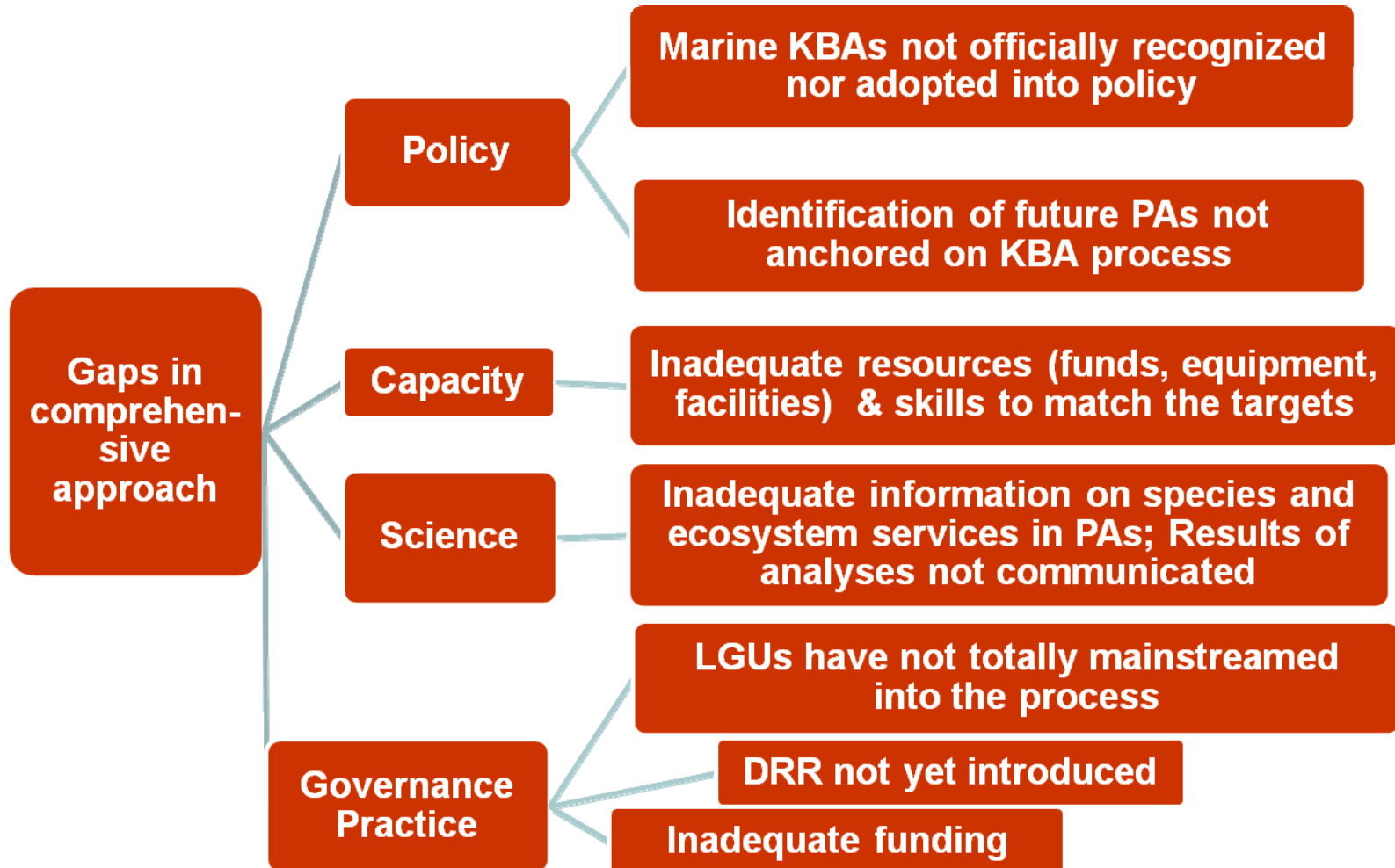
Component 3:

To develop and implement a region-wide coastal and marine knowledge management (KM) strategy mainstreaming commitments and public and private sector investments in achieving the 2020 Aichi Targets

Bio Physical Issues

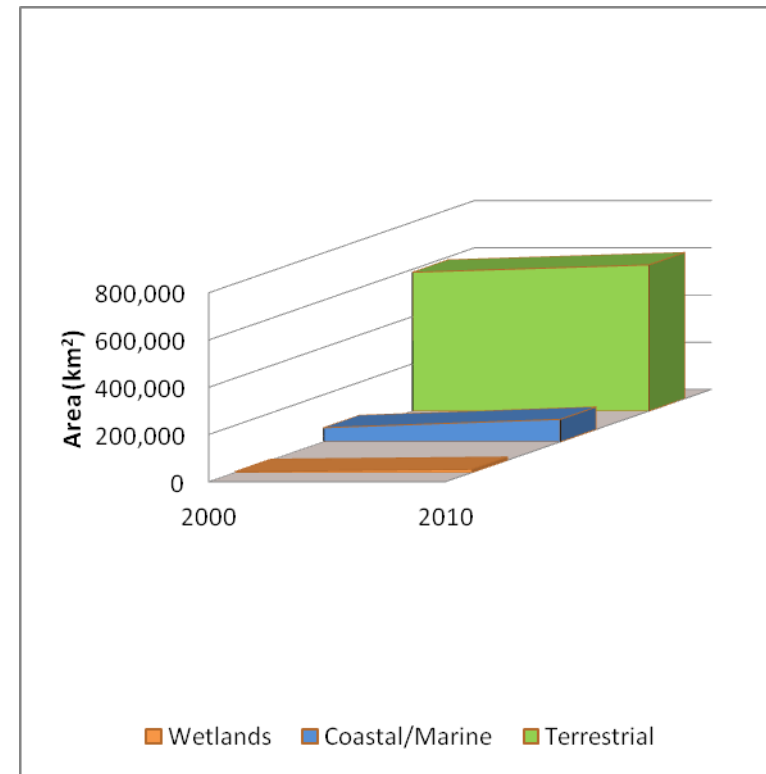


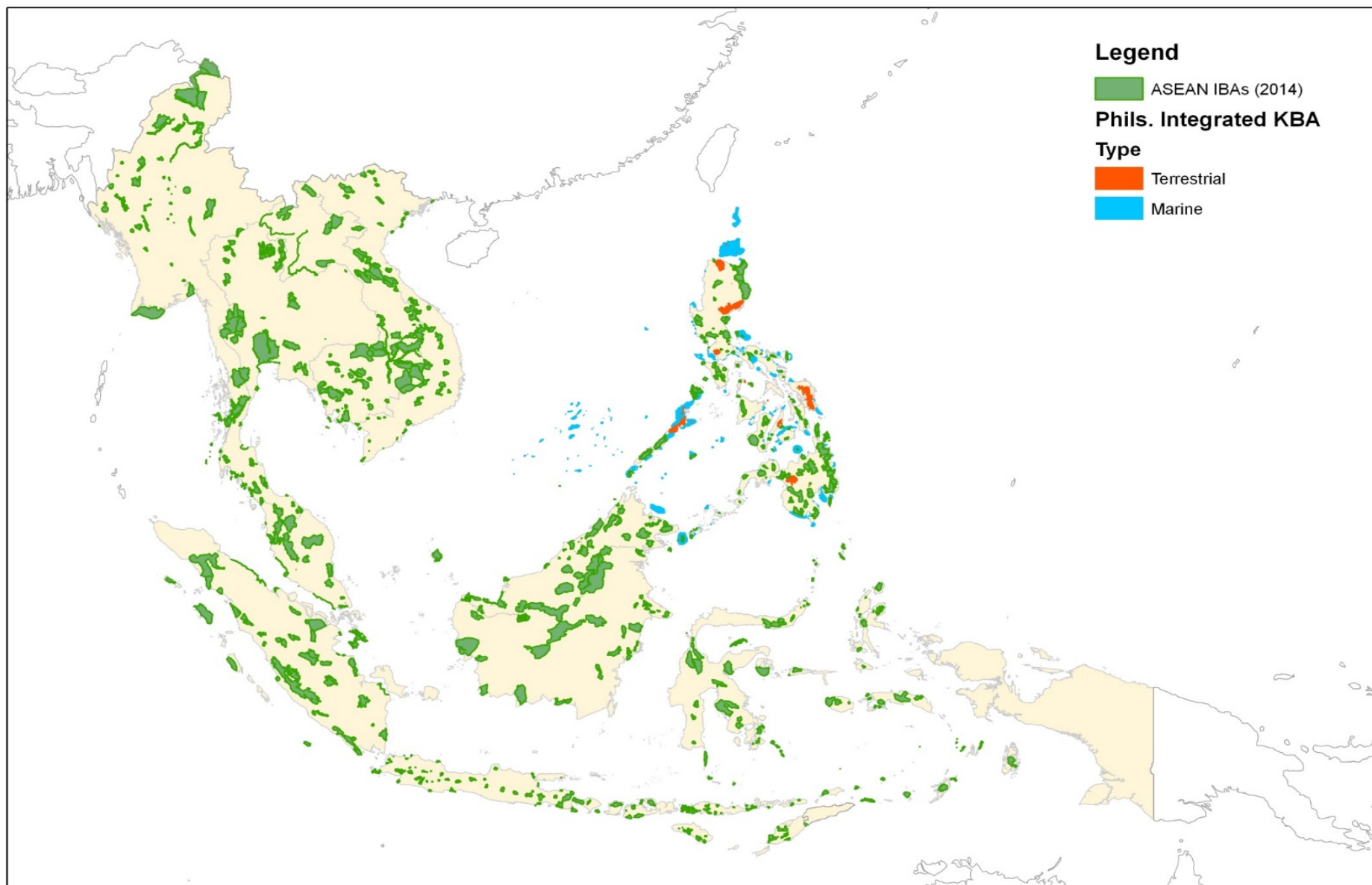
Institutional Issues



Component 1

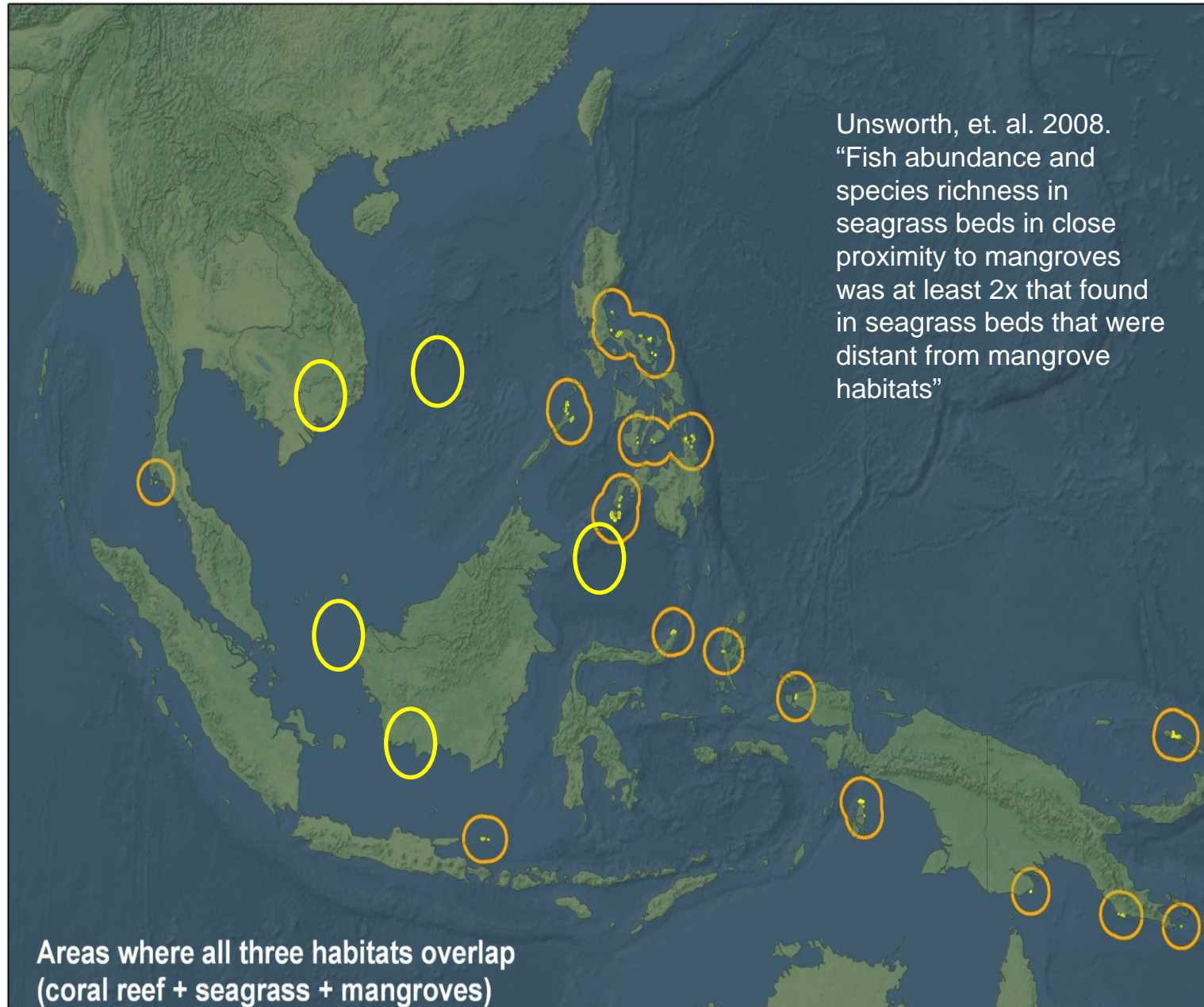
- Organize project operations : team, partnerships, networks
- Acquire available scientific reference
- Identify KBAs / MPA Networks
- Engage Stakeholders



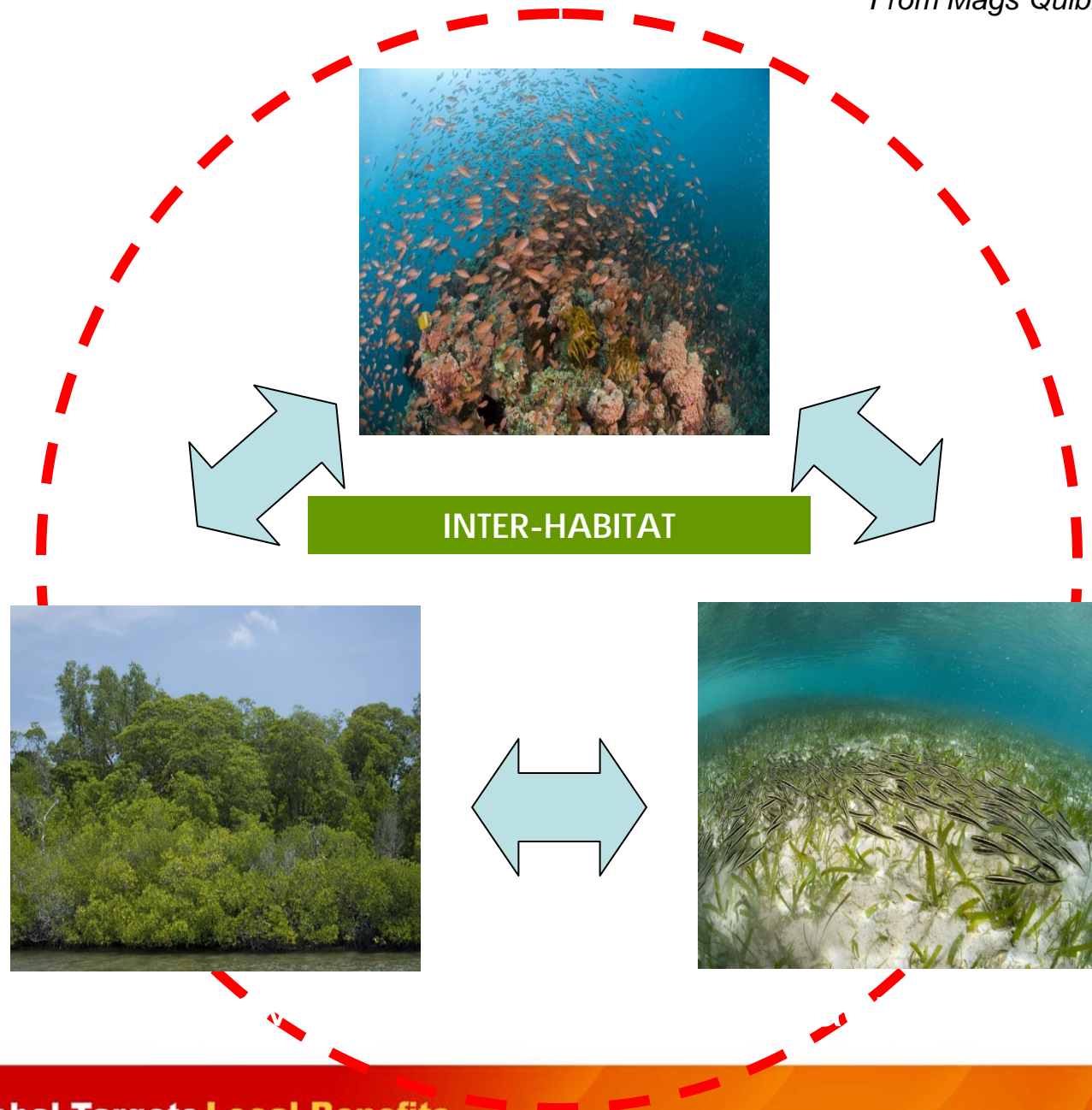


Mangroves, Coral Reefs and Seagrasses in the Priority Marine habitats for conservation as nursery areas

ASEAN

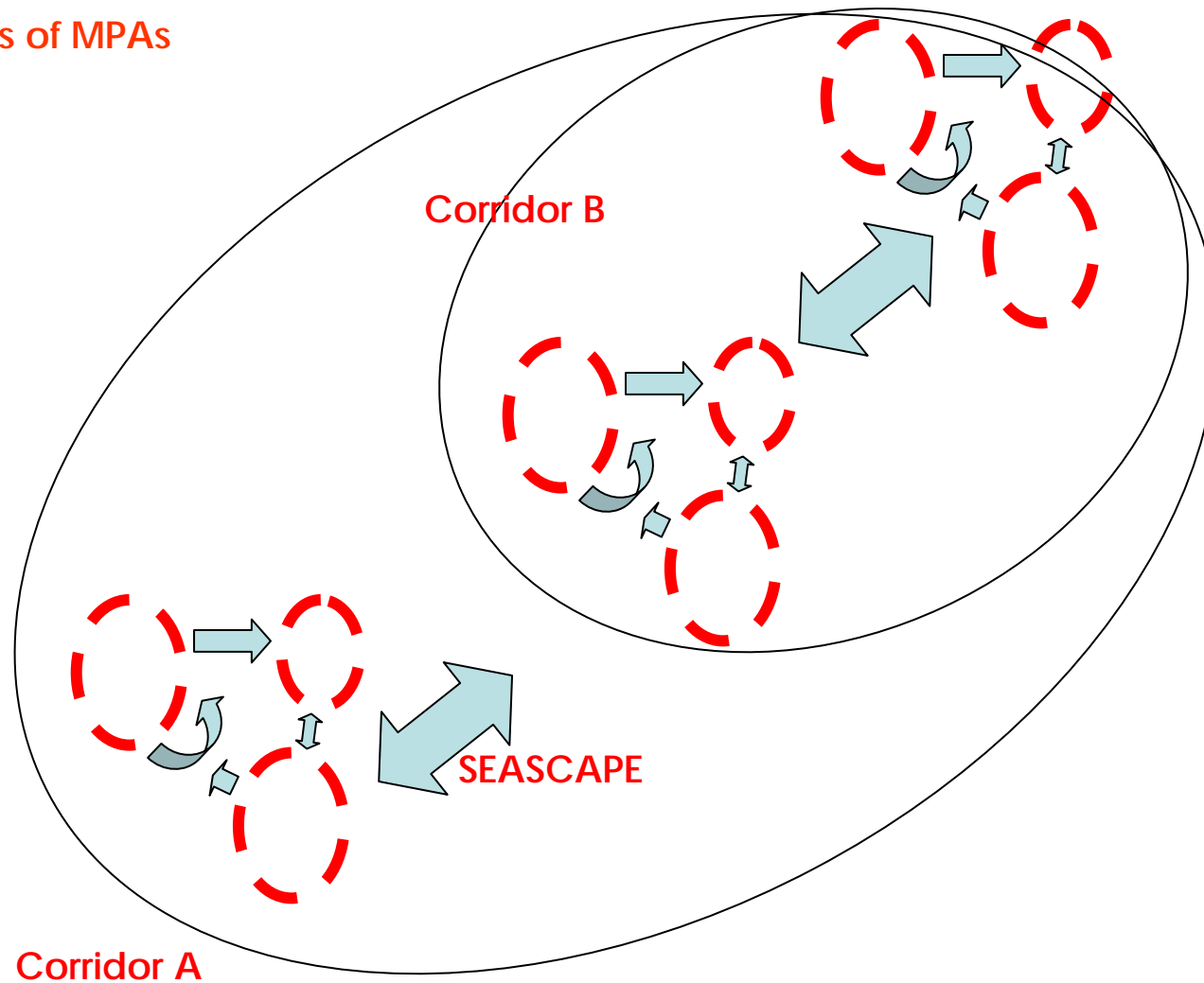


From Mags Quibilan

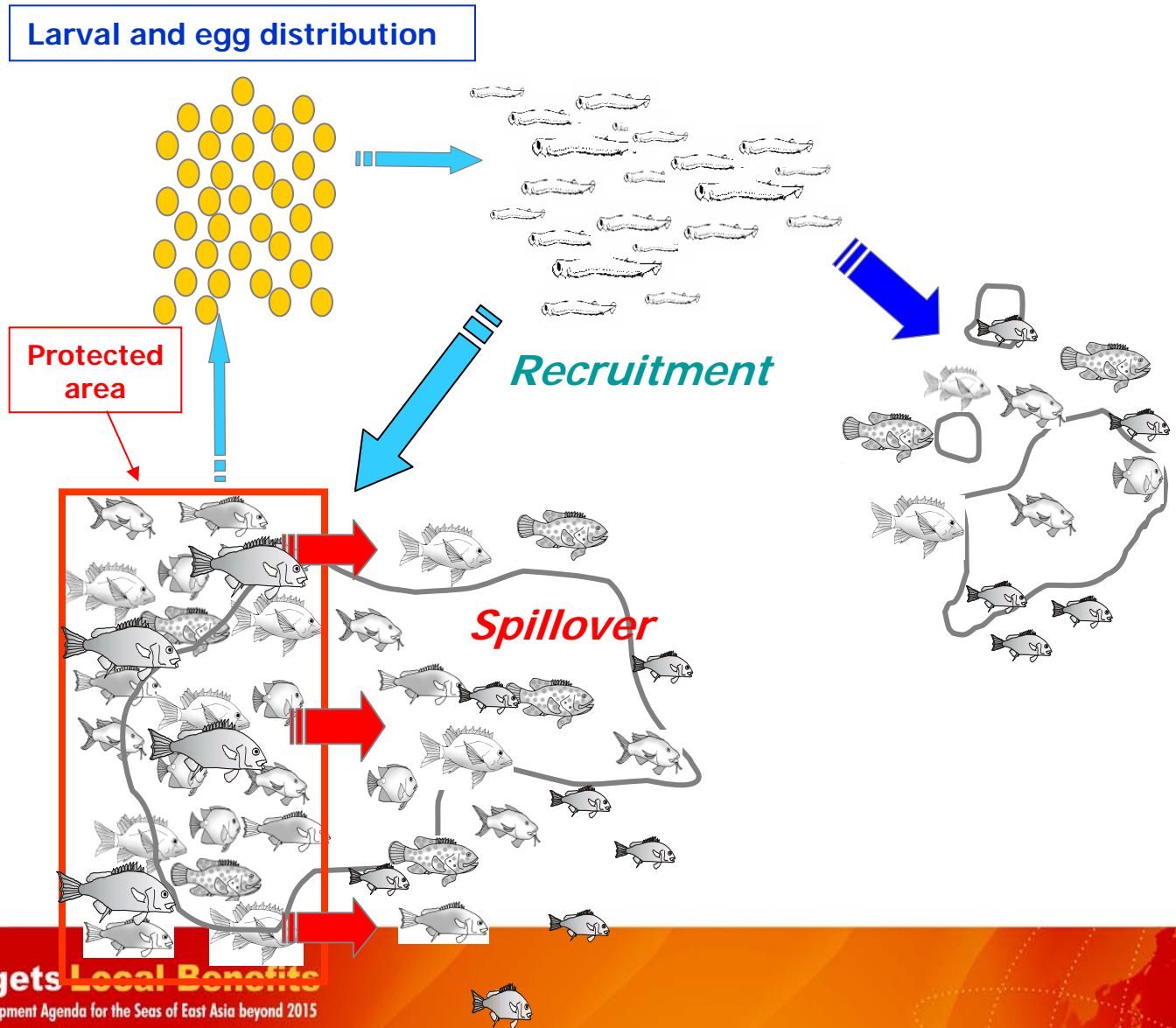


Improve ecological and social resilience
from Corridors to Seascapes
through networks of MPAs

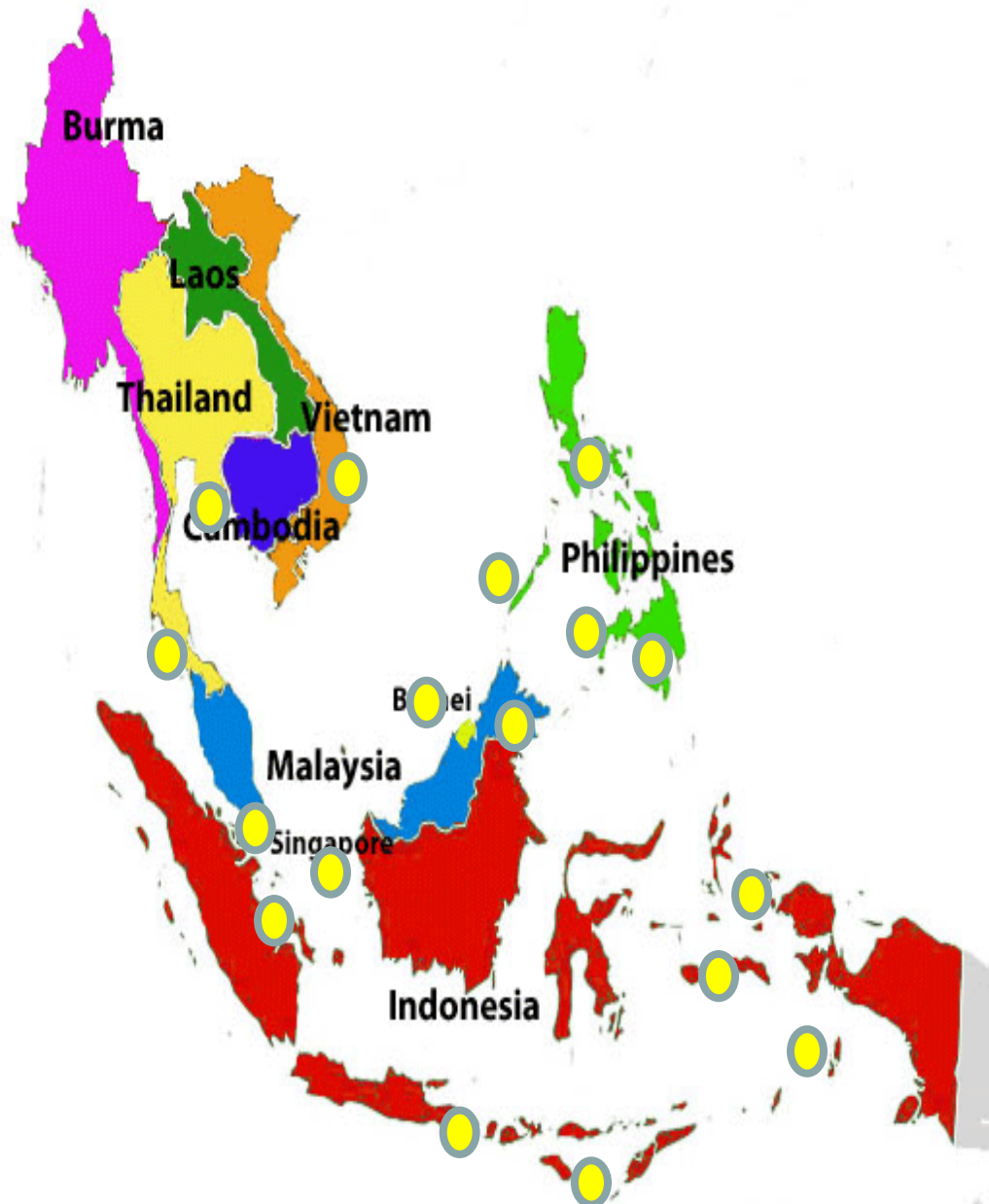
Source: Quibilan, Mags



Marine Protected Areas



Network of effectively managed MPAs in the ASEAN Region

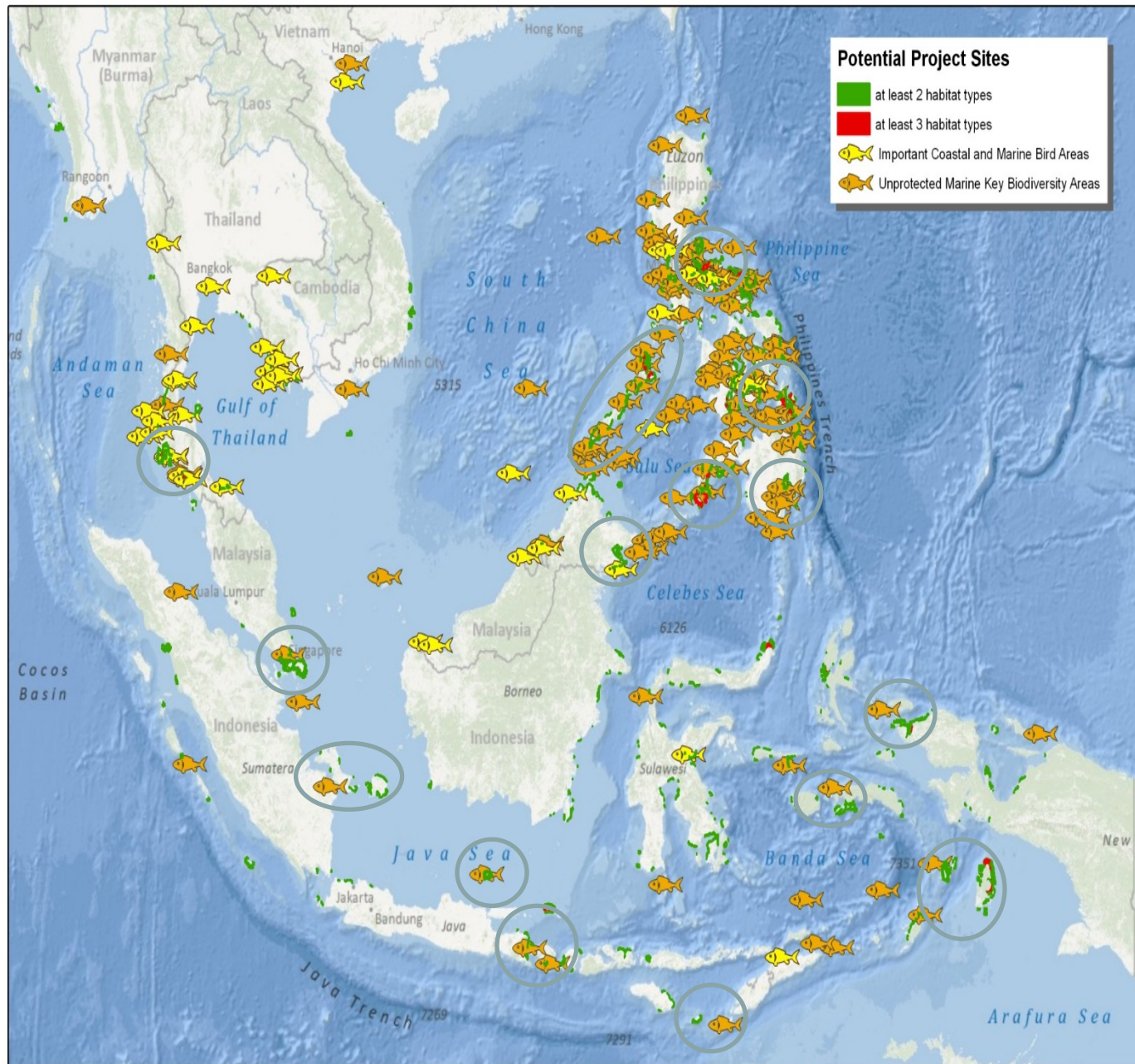


Component 2: ICM Implementation

- Stakeholder empowerment:
 - Build core capacities & knowledge
- Establish effective / functional MPA networks
- ICM implementation in 9 sites:
 - Management plans,
 - sustainable financing mechanism(s)
 - Monitoring /reporting systems in place

Stakeholder Empowerment



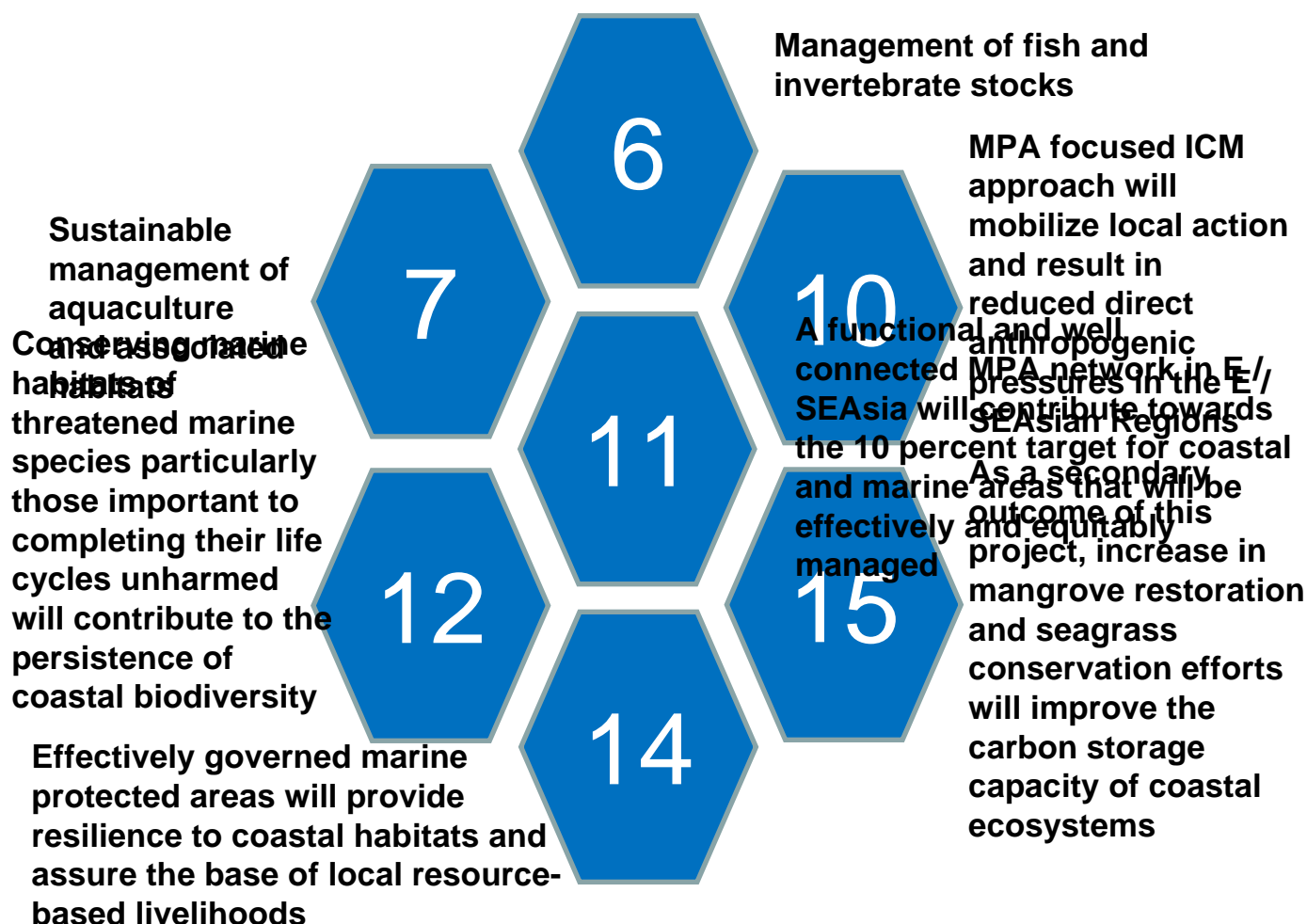


Map – based selection of potential project areas

Component 3: Knowledge Management

- Products packaged: Good ICM practices
- Fora organized
- Policies recommended
- ICM Social Networks organized
- Incentive / recognition systems

Alignment with Aichi Targets



Ideal Outcomes

- Geographic coverage of effectively governed networks of marine protected areas in the region meet the Aichi Target 11
- Pressure on coastal and intertidal habitats significantly reduced
- Local capacities for ICM Established
- Degraded coastal habitats restored
- Coastal and marine knowledge readily available



Photo by: Spike Millington

Improving biodiversity conservation and climate change resilience through better informed coastal and wetland site management

A Regional Proposal Prepared among ACB, The East Asian – Australasian Flyway
Partnership and Asia-Oceania Ramsar Secretariat

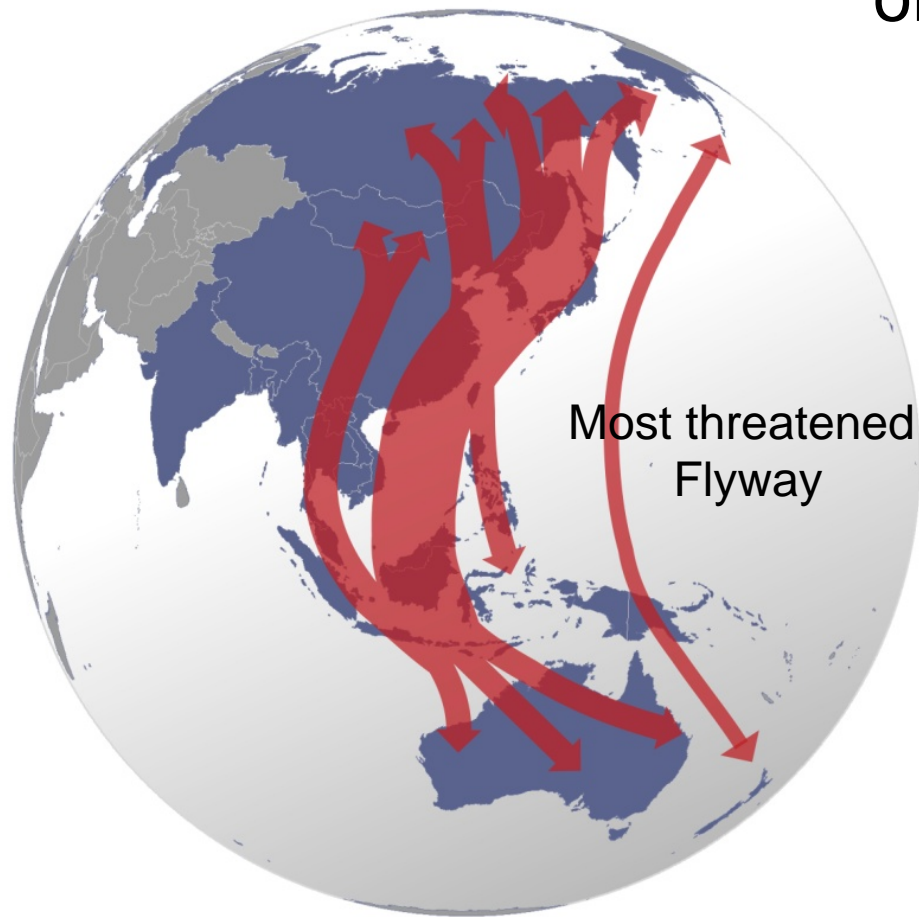


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Minimum 50 million individuals
of 200 waterbirds species



the highest number
of IUCN threatened
bird species: 33

Highest number of
declining species
(annual declines of
9% for some
shorebirds)

Slide by: Spike Millington

East Asian-Australasian Flyway



The critically endangered Spoon-billed
Sandpiper is one of the Flyway's most
threatened birds





Flyway Network Sites ●
(123)

Important Potential sites ●
(Approx. 950)

Project Objectives

- Create and establish a functional and responsive Southeast Asia Partnership Network on migratory waterbirds and their habitats
- Develop a strategic plan that embodies climate resilience and knowledge management strategies for the conservation of nearshore habitats that serve as staging areas for the EAAF
- Improve the management capacities of site managers and local stakeholders in managing nearshore and intertidal habitats
- Implement a comprehensive knowledge campaign to support local staging sites conservation, and
- Spur and support the development of local conservation actions directed at the conservation of migratory shorebirds and their habitats

Ideal Outcomes



- Created and **established a functional and responsive Southeast Asia Partnership Network**
- Developed a **strategic plan** that embodies climate resilience and knowledge management strategies for the conservation of nearshore habitats that serve as staging areas for the EAAF
- **Improved the management capacities** of site managers and local stakeholders in managing nearshore and intertidal habitats

Russia
USA (Alaska)
Mongolia
China
North Korea
South Korea
Japan
Philippines
Bangladesh
Thailand
Cambodia
Indonesia
Laos
Myanmar
Vietnam
Malaysia
Singapore
Brunei
Darussalam
East Timor
Papua New Guinea
Australia
New Zealand

Ideal Outcomes

- Implement a **comprehensive knowledge campaign** to support local staging sites conservation
- Spurred and supported the development of local **conservation actions directed at improving the resilience of staging areas** to climate change and the conservation of migratory shorebirds

**Workshop Title: Good Practices, Innovations and Impacts in ICM applications for MPA
and MPA Networks**

Thank You!



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