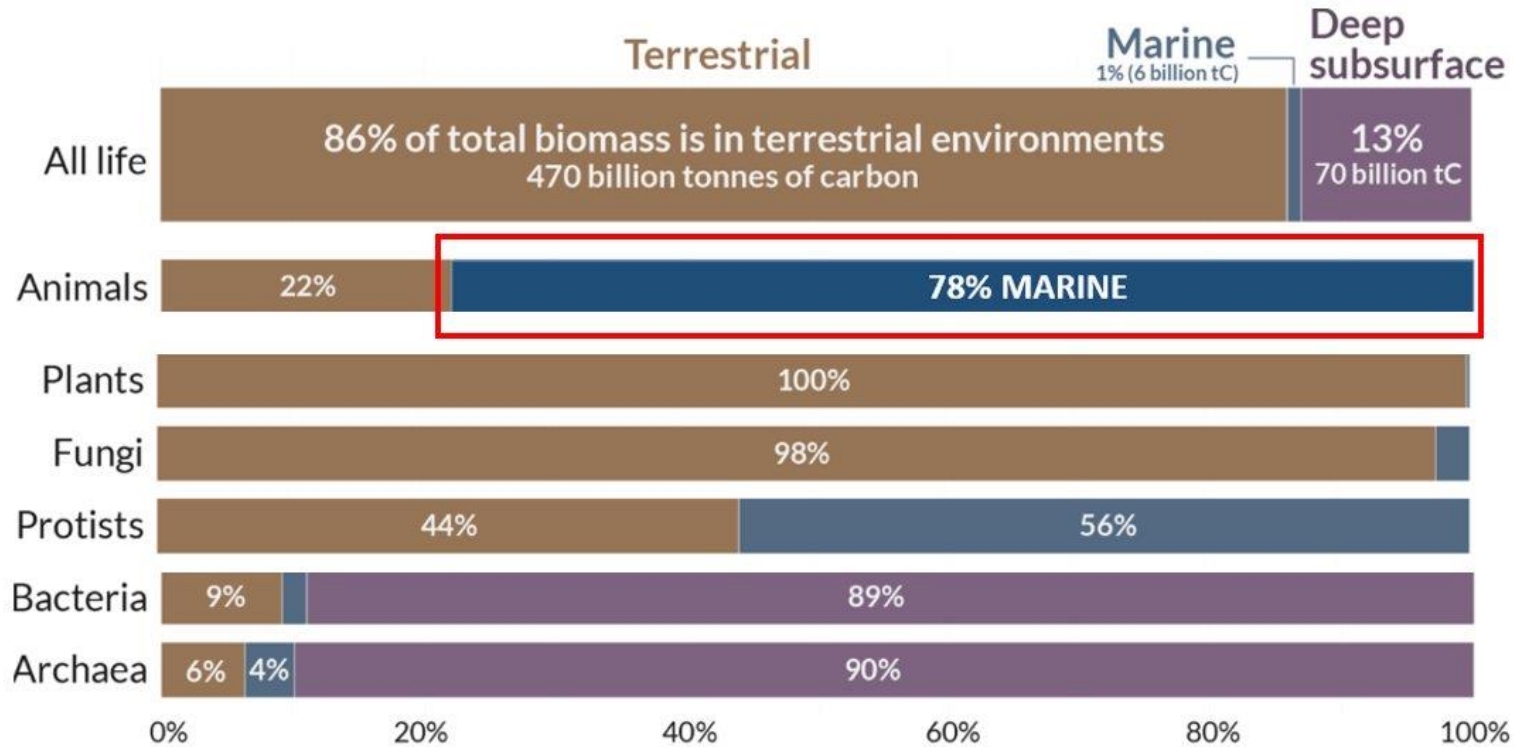


M CBD Post 2020 arine & Coastal

'Indicators of Status'

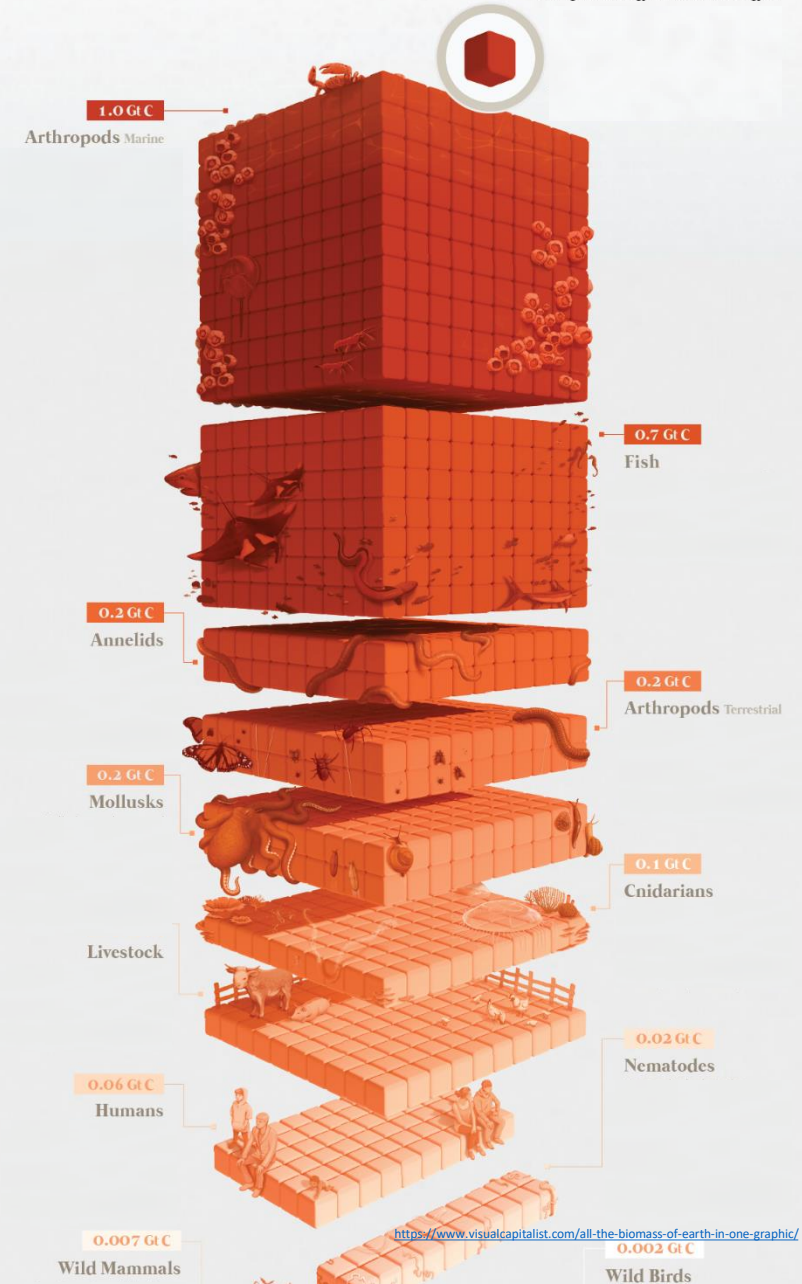
Marine Systems



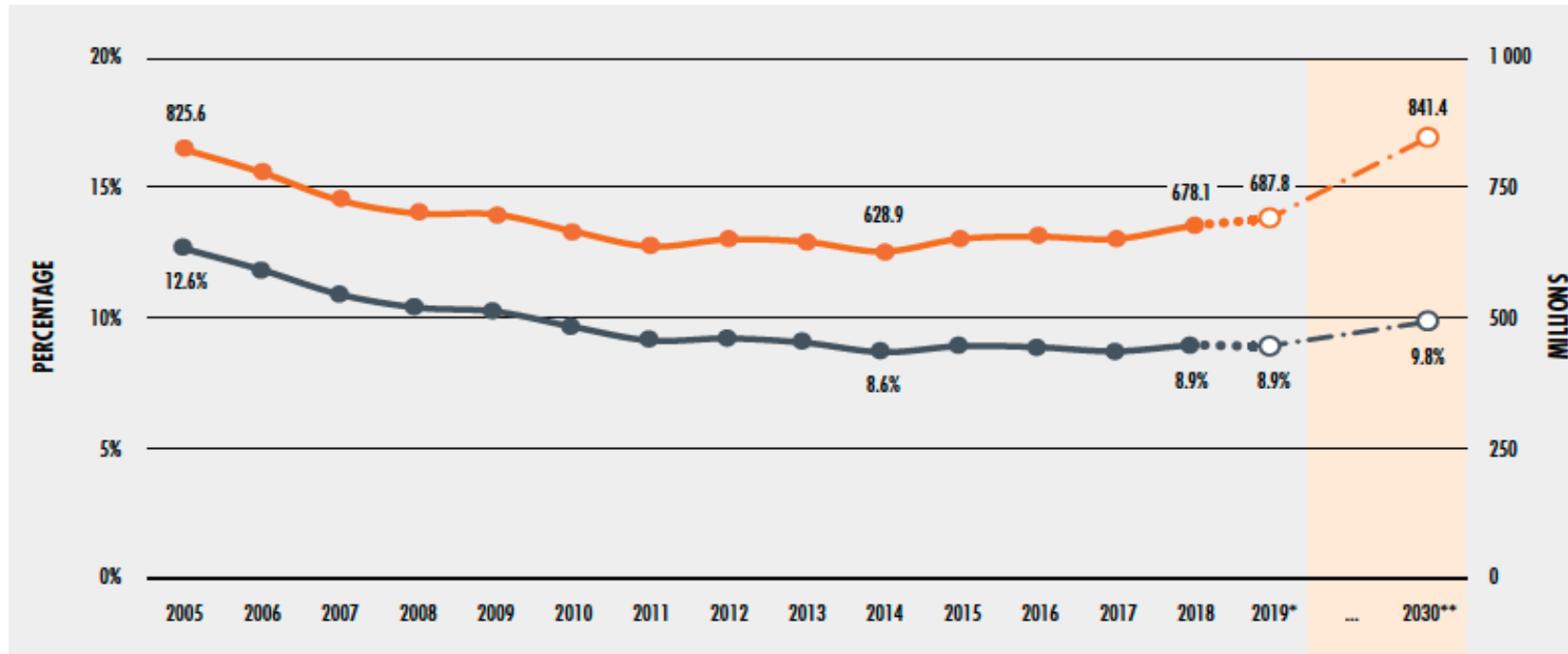
Visualizing the Biomass of Life

Our planet supports over 8.7 million species, but it can be difficult to truly appreciate the scale of this incredible diversity. We break down the total composition of the living world in terms of its biomass.

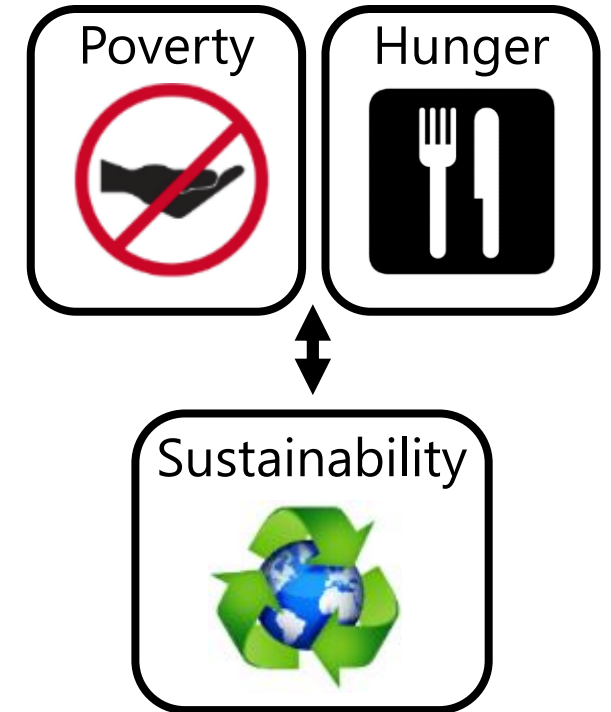
The Biomass of Animals



Food Systems & Blue Food Systems

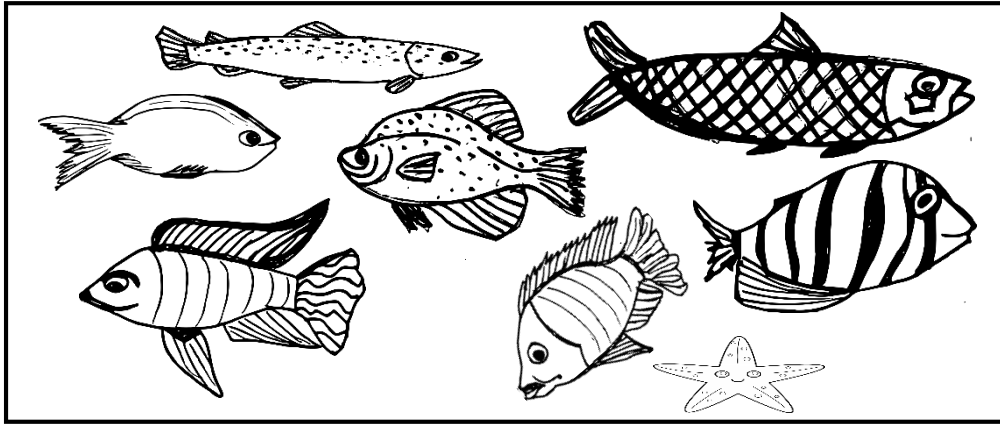


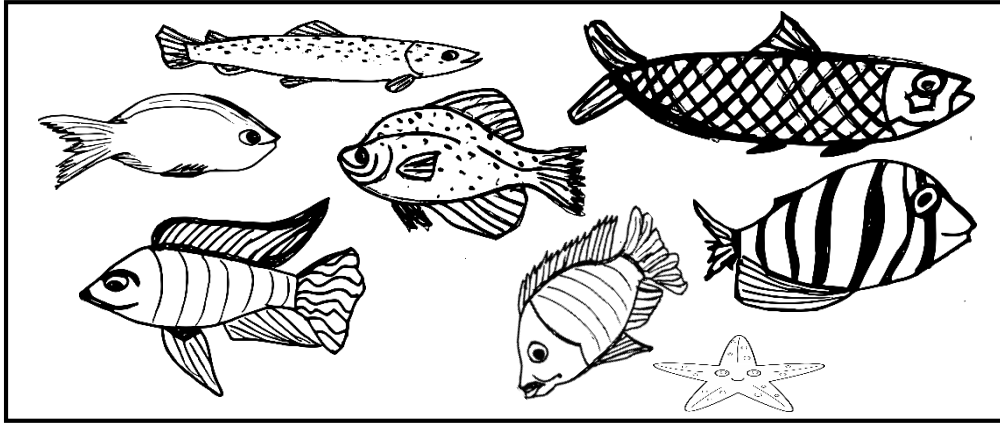
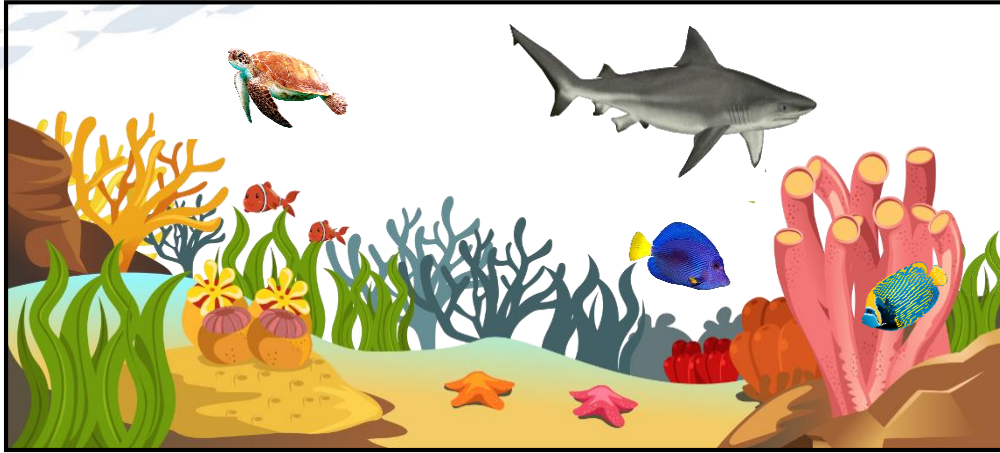
@State of Food Security and Nutrition Report 2020

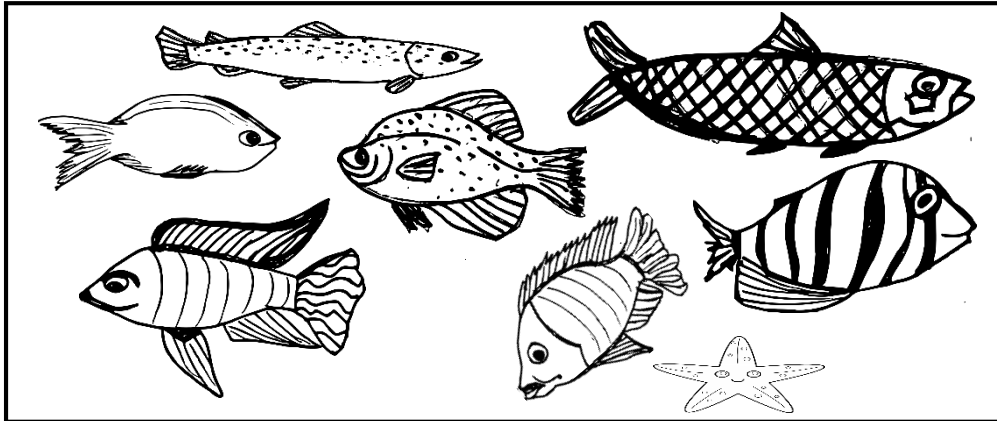
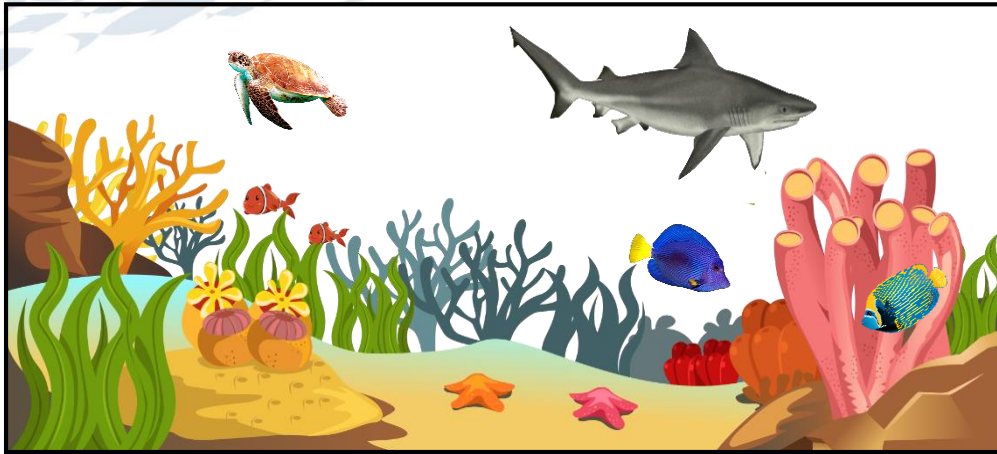


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Lets consider how we think / measure nature

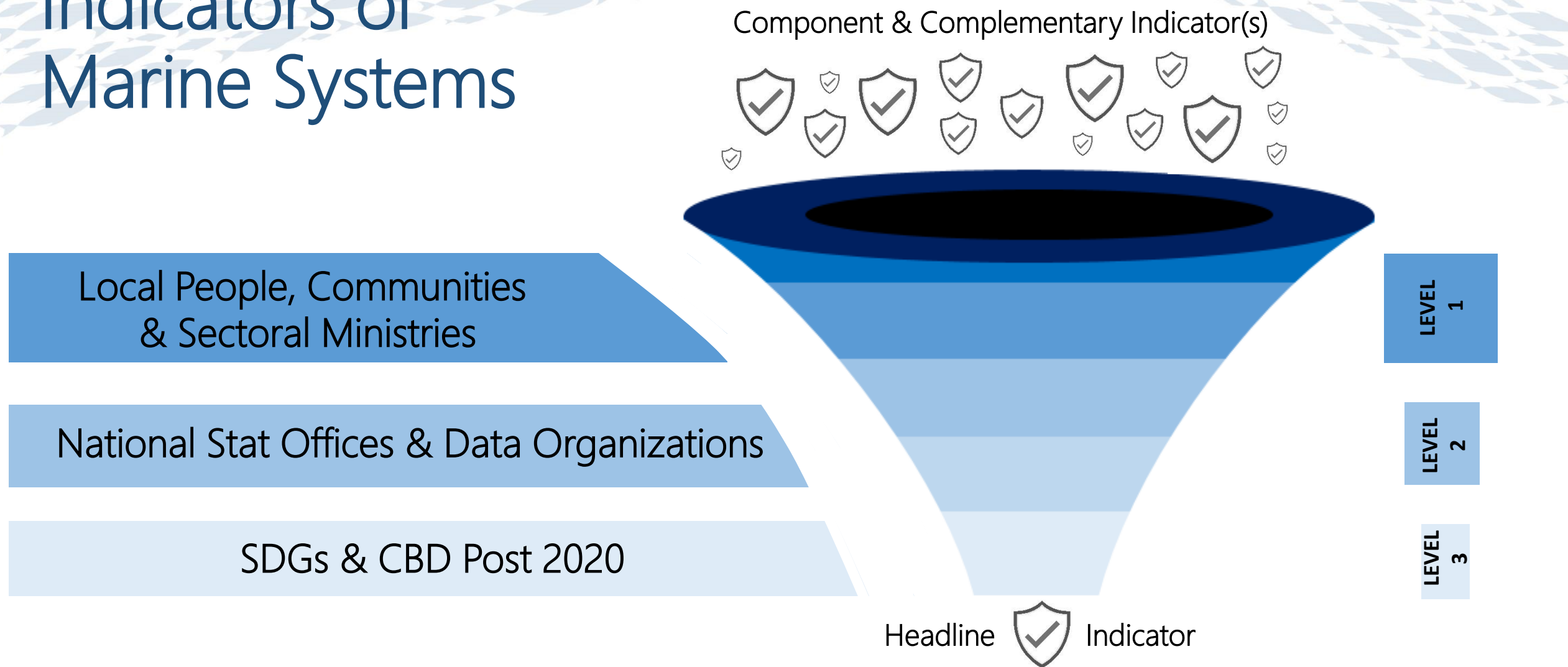






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Indicators of Marine Systems



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Level 1 Marine System Indicators

A Comparison of Three Data-Poor Stock Assessment Methods for the Pink Spiny Lobster Fishery in Mauritania

APPENDIX D

Assessment Methods for Data-Poor Stocks

From Rags to Fishes: Data-Poor Methods for Fishery Managers

***Developing Integrated Assessments for Data-Poor Stocks
In the Western Pacific***



REVIEW

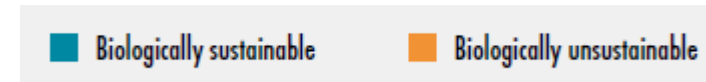
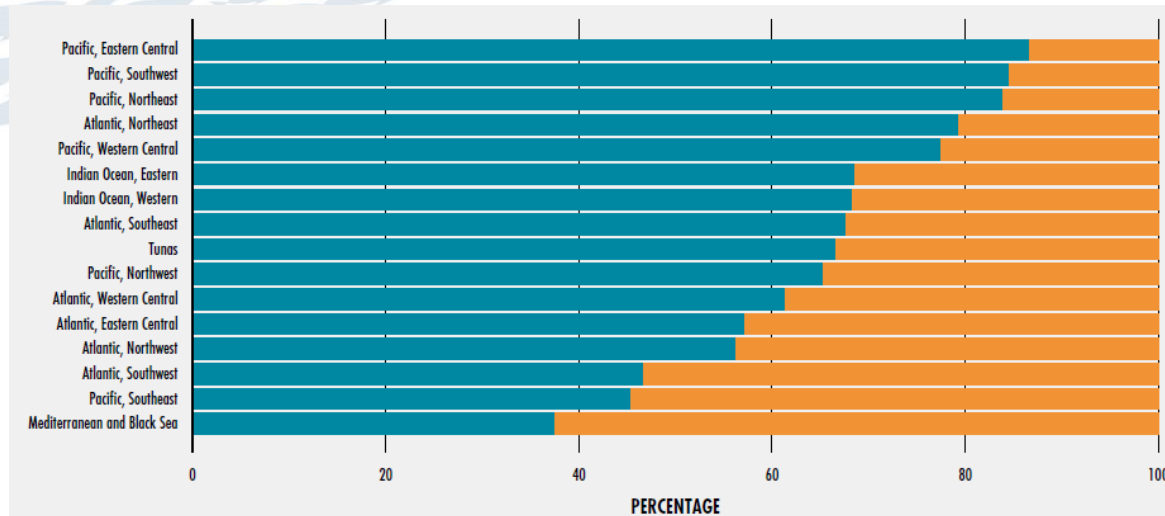
Assessing abundance of populations with limited data: Lessons learned from data-poor fisheries stock assessment

Anna Chrysafi and Anna Kuparinen



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Level 2 Marine System Indicators



GOAL OR TARGET	INDICATOR	AVAILABLE MARINE INFORMATION
Target 5.0.2	Proportion of fish stocks within biologically sustainable level	FAO SDG Indicator 14.4.1 Proportion of fish stocks within biologically sustainable levels
Target 10.0.1	Proportion of agricultural area under productive and sustainable agriculture	<p>FAO State of the World Fisheries and Aquaculture (SOFIA)</p> <p>The State of the World's Aquatic Genetic Resources for Food and Agriculture (SoWaqGR)</p>

Level 2 Marine System Indicators

CODE OF CONDUCT FOR RESPONSIBLE FISHERIES

Food and Agriculture Organization of the United Nations
No to avoid without target

COFI **FAO Questionnaire on Monitoring the Implementation of the Code of Conduct for Responsible Fisheries** **BATHNALL**

Home Questionnaire Performance Documents Minimum Requirements Contact Us Sustainable Development Goals About

QUESTIONNAIRE STATUS

Not completed	Partially completed	Fully completed
General Questions		
Fisheries Management		
Fishing Operations		
Harvesters Development		
Integration of Fisheries into Coastal Area Management		
Post-harvest Practices and Trade		
Fisheries Research		
Research International Implications		
FAO Strategies for Improving Information on Status and Trends		
Small Scale Fisheries		
Consulting Questions		

Click a probability to the question

Section 4

Please identify up to three key efforts that have been made to make the Code

- ☐ None
- ☐ 4.1 - Holding of meetings, workshops and seminars targeting primary of
- ☒ 4.2 - Training of administration staff
- ☐ 4.3 - Publication and distribution of Code-related documents
- ☒ 4.4 - Translation of the Code or parts of it
- ☐ 4.5 - Development of local guidelines and codes based on the Code
- ☐ 4.6 - Active advertising of the Code through the media (press, radio, TV
- ☐ 4.7 - NGO and other project-related activities

- 4.1 - Establish management framework
- 4.2 - Establish management framework for fishing in common areas with the objective of sustainable use
- 4.3 - Develop a process for identifying a suitable management framework for fishing in common areas, which must take the special circumstances into account
- 4.4 - Develop additional measures for the sustainable management of fisheries, including in public areas, which may be controlled by fishing
- 4.5 - Establish management framework for fishing in common areas
- 4.6 - Establish management framework for fishing in common areas

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Fisheries Development Management System

Change language

Home

Main CORF Questionnaire (FAF) - (2011)

General Questions	10	10	10	10	10
Fisheries Management	10	10	10	10	10
Fishing Operations	10	10	10	10	10
Harvesters Development	10	10	10	10	10
Integration of Fisheries into Coastal Area Management	10	10	10	10	10
Post-harvest Practices and Trade	10	10	10	10	10
Fisheries Research	10	10	10	10	10
Research International Implications	10	10	10	10	10
FAO Strategies for Improving Information on Status and Trends	10	10	10	10	10
Small Scale Fisheries	10	10	10	10	10
Consulting Questions	10	10	10	10	10

Section 1

1 - Article 2 of the Code of Conduct sets four objectives. Please rank your perception of the relevance of these objectives for the various types of fisheries, including inland capture fisheries and aquaculture developments in your country.

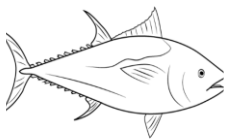
Objective-based (1 = most relevant, 4 = least relevant)	1	2	3	4	5
1.1 - Establish principles for responsible fishing and fisheries activities considering all fish-related biological, technical, economic, social, environmental and commercial aspects					
1.2 - Establish principles and criteria to implement policies for the conservation of fishery resources management and development					
1.3 - Serve as an instrument of reference to improve legal and institutional framework for appropriate management measures					
1.4 - Provide guidelines to formulate and implement international agreements and other legal instruments					
1.5 - Facilitate and promote cooperation in the conservation of fisheries resources, fisheries management and development					
1.6 - Provide the contribution of fisheries to food security and food quality giving priority to the nutritional needs of the most vulnerable					
1.7 - Promote protection of living aquatic resources and their environment and coastal areas					
1.8 - Promote the trade in fish and fishery products in conformity with relevant international rules					
1.9 - Promote research on fisheries as well as on associated ecosystems and related environmental issues					
1.10 - Provide standards of conduct for all involved in the fisheries sector					

back to summary

done

prev

next



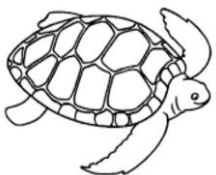
Target Species:

Fish and invertebrate stocks and aquatic plants are managed and harvested sustainably, legally and applying ecosystem based approaches, so that overfishing is avoided,



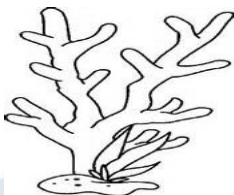
Overfished Target Species:

Recovery plans and measures are in place for all depleted species,



Threatened Species:

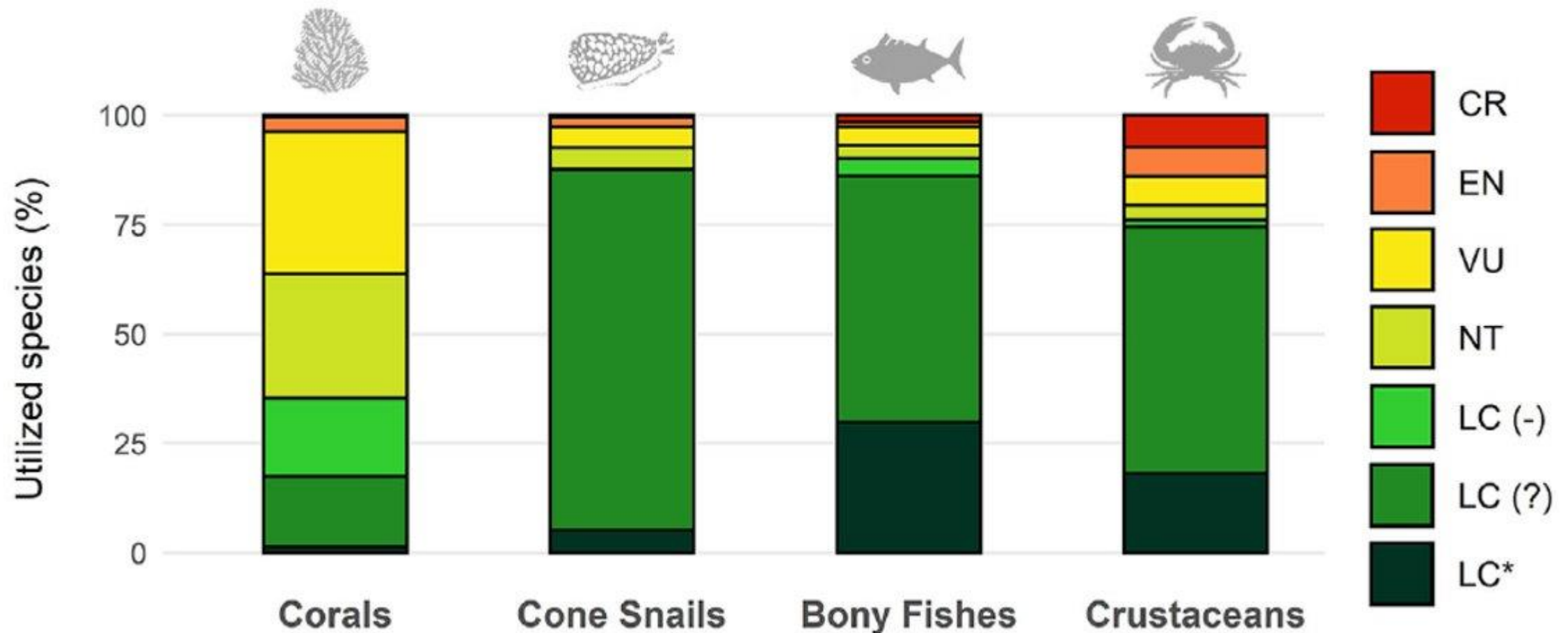
Fisheries have no significant adverse impacts on threatened species and vulnerable ecosystems



Ecosystem Structure and Function:

Impacts of fisheries on stocks, species and ecosystems are within safe ecological limits.

Level 2 Marine System Indicators



<https://conbio.onlinelibrary.wiley.com/doi/pdf/10.1111/cobi.13844...>



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**DECADE
OF
ACTION**

Level 3 Marine System Indicators



Target SDGs



**2021
2030** United Nations Decade
of Ocean Science
for Sustainable Development



INTERNATIONAL YEAR OF
ARTISANAL FISHERIES
AND AQUACULTURE

2022



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



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United Nations

Tools & solutions require support



Crucially important we enable mainstreaming
— peoples sustainable relationship with nature

Financing the Post 2020

CryptoPunks



Financing the Post 2020

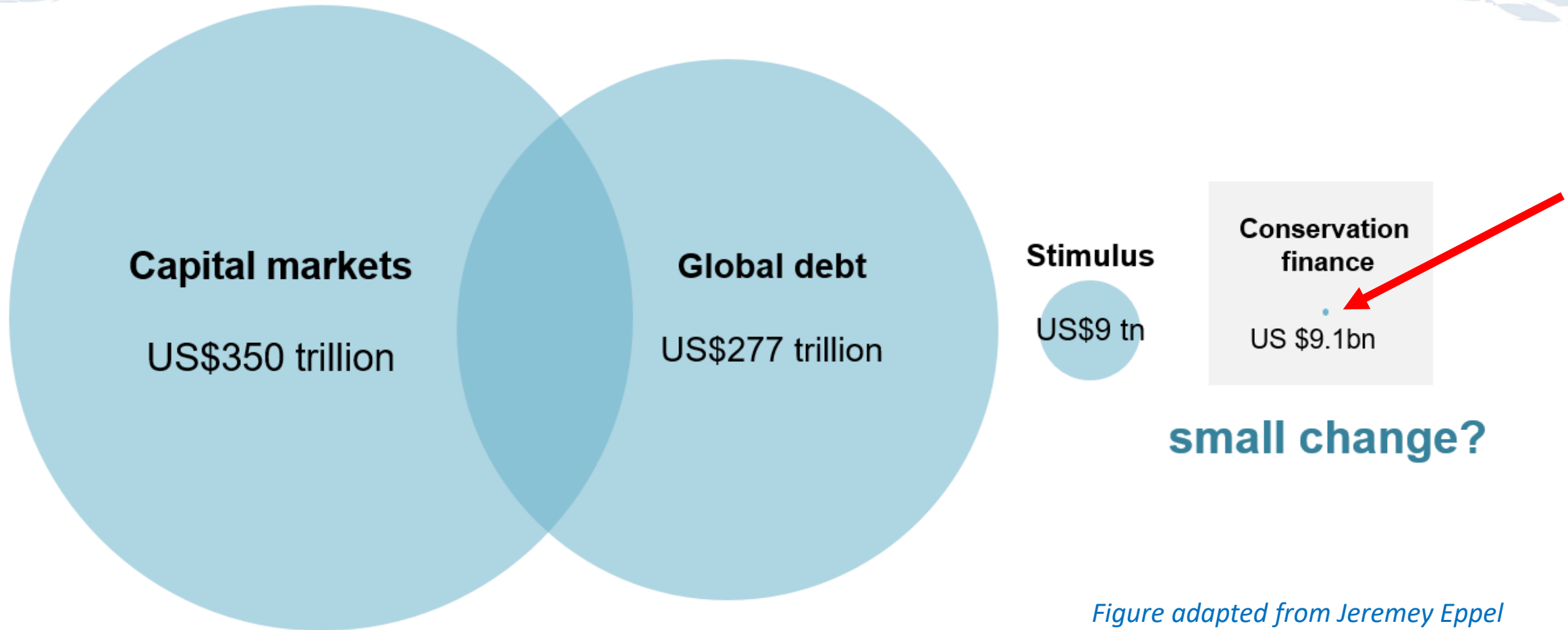


Figure adapted from Jeremey Eppel



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SUSTAINABLE
DEVELOPMENT
GOALS



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Irene.Hoffmann@fao.org



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Photo: Louise Goggin