



Food and Agriculture Organization  
of the United Nations



# BLUE TRANSFORMATION : A GLOBAL CONTEXT AND PERSPECTIVE



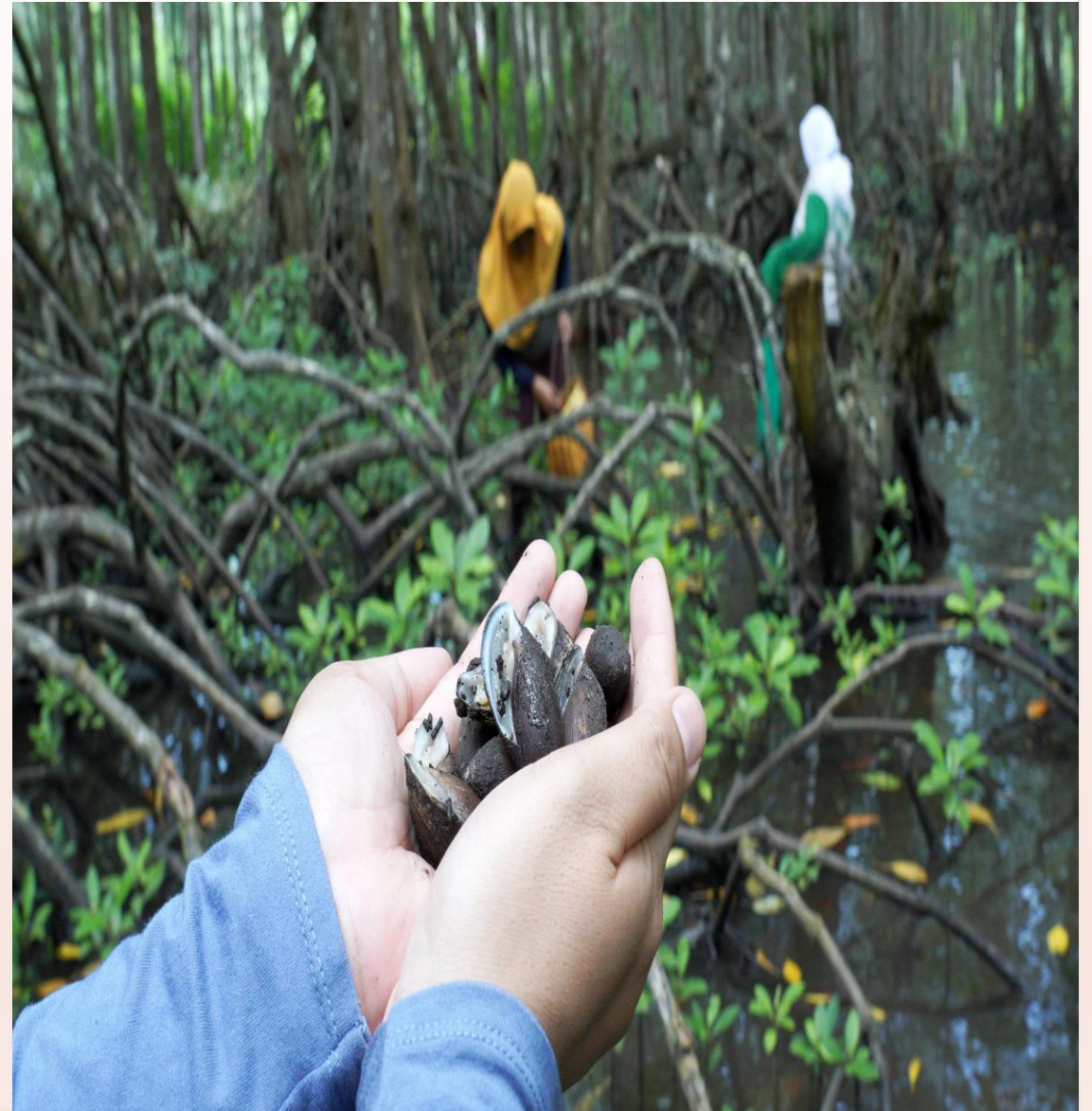
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# Outline Presentation

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- ❖ A Challenging Reality on Aquatic Food
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# Where Does Blue Transformation Come From?

- Rio+20 (2012) promoted Green Economy with the objective to promote socio economic development. “Blue Transformation” concept emerges from this.
- The Concept is aligned with :
  - SDGs
  - FAO Code of Conduct for Responsible Fisheries
  - Ecosystem Approach to Aquaculture
  - UN Food System Summit
  - 2021 Declaration for Sustainable Fisheries and Aquaculture of the Committee on Fisheries (COFI) of FAO
  - FAO Strategic Framework 2022-2031



# A Challenging Reality on Aquatic Food

Why???

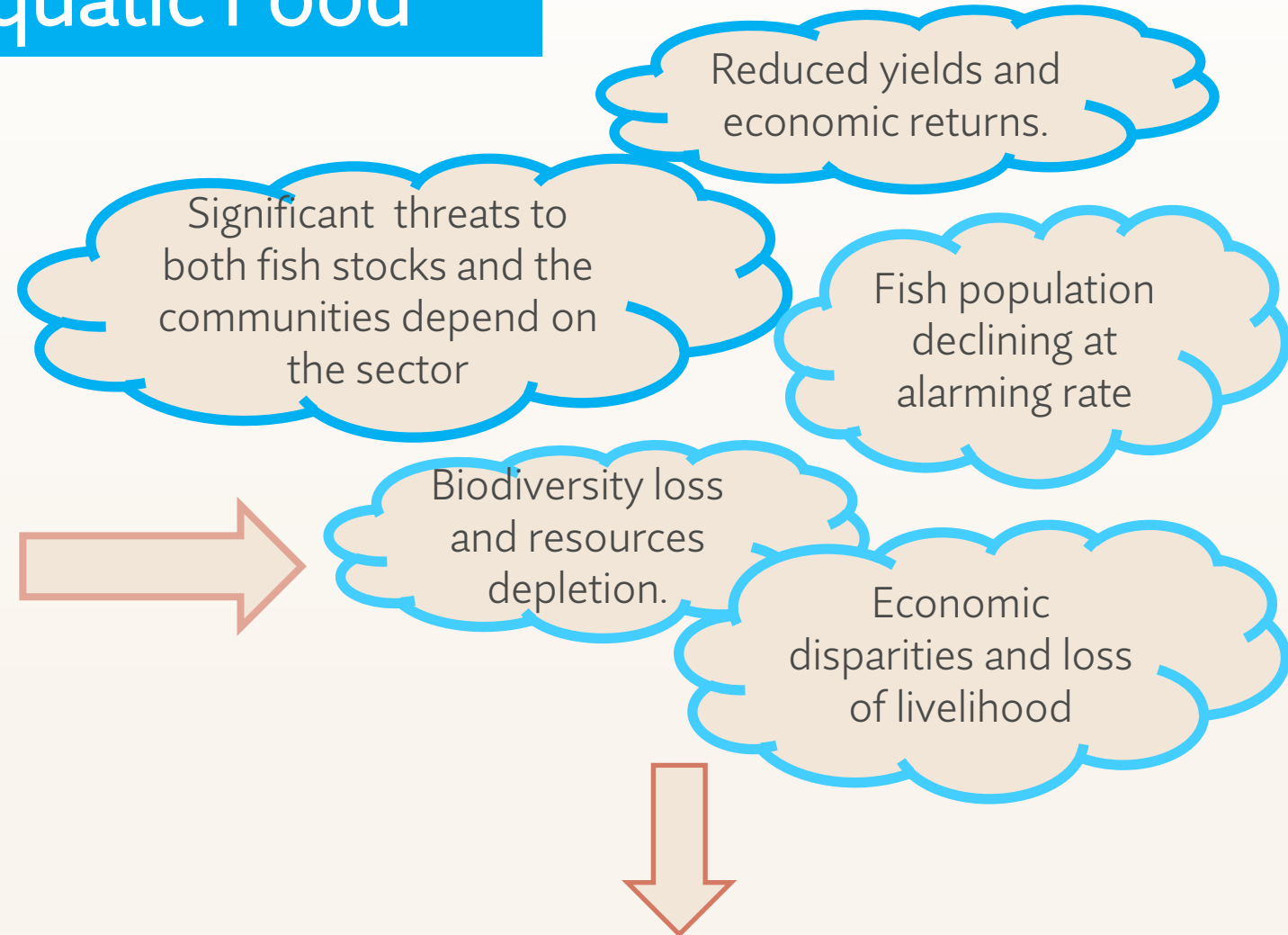


Marine and fisheries production is globally stable, but sustainability remains a concern

Environmental threats (overfishing, habitat destruction and climate change),

Growing Illegal, unregulated and unreported (IUU) fishing activities

Limited access on fisheries resources to small scale fishers, e.g., masyarakat adat



**There is growing public pressure for an urgent response, and the commitment by the UN Food Systems Summit to transform into more sustainable aquatic food system approach**



# The Blue Transformation Concept

The challenges facing aquatic food system from the blue economy is getting **the balance** right between **societal outcomes** and **ecological sustainability**

marin

This can be achieved through  
**BLUE TRANSFORMATION**



# The Vision for Blue Transformation

To expand aquatic food systems and increase their contribution to nutritious and affordable healthy diets for the most vulnerable, while fostering equitable growth, especially for those communities that depend on fisheries and aquaculture.

Leaving No One Behind



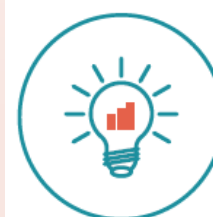
An equitable  
future



A pledge for  
resilience



A practical  
solution



Innovation &  
Efficiency

# Blue Transformation: Guiding Principles

1

Human Rights and Dignity

2

Economic, Social, and Environmental Sustainability and Viability.

3

Rule of Law

4

Accountability and Transparency

5

Consultation and Participation



6

Knowledge Based.

7

Equity and Justice

8

Gender Equality and Equity

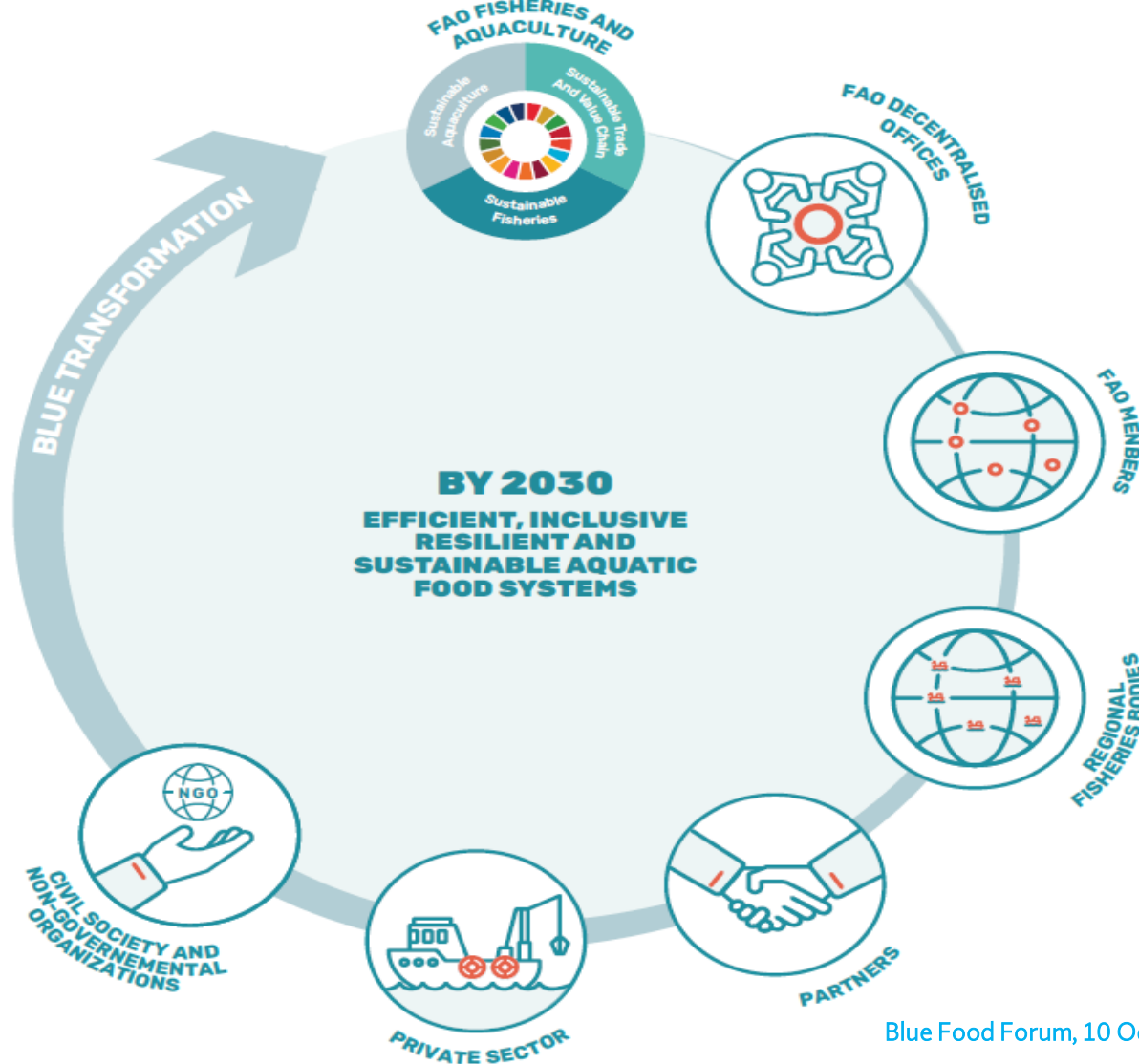
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Non-discrimination and respects for culture

10

Continuous Improvement

# Blue Transformation Implementation



Blue Transformation  
cannot be achieved  
without innovative  
partnerships, strong  
policy and enabling  
environment



# Core Components of Blue Transformation



## AQUACULTURE

Sustainable aquaculture intensification and expansion satisfies global demand for aquatic food and distributes benefits equitably



## FISHERIES

Effective management of all fisheries delivers healthy stocks and secures equitable livelihoods



## VALUE CHAIN

Upgraded value chains ensure social, economic and environmental viability of aquatic food systems



# Indonesia's contribution to Blue Transformation

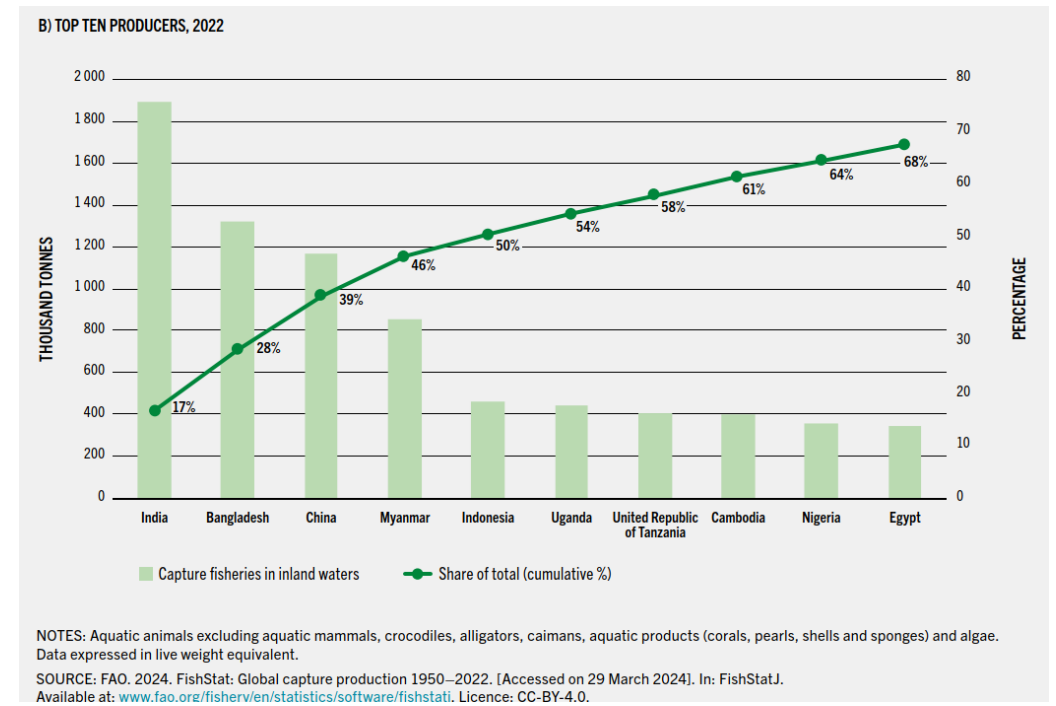
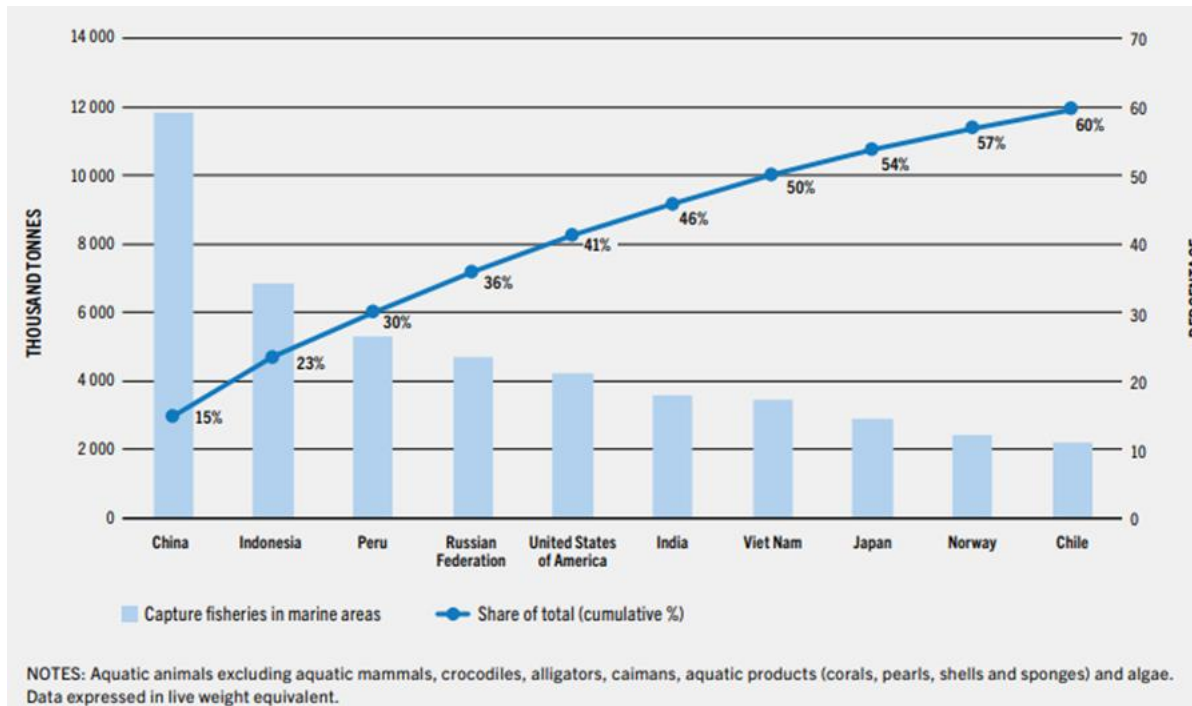
Indonesia reflects these global trends and is a major contributor to Blue Transformation at Global , Regional and National level .

- Production (Capture and inland Fisheries )
- Aquaculture
- Trade and marketing
- Jobs
- Livelihoods
- Economies



## Indonesia production of marine animal and aquaculture

Indonesia production of marine and inland aquatic animals in 2022 ( 2 and 5 respectively)







## Indonesia summary from FAO GLOBEFISH

### COUNTRY BRIEF

Population	Ease of doing business rank
270 204 000	73rd
Length of coastline	Exclusive economic zone
95 181 km	2 914 980 km <sup>2</sup>
Average GDP growth	GDP per capita
5.74%	USD 3 900

GDP from fisheries

2.65%

Fish available for consumption

44.7 kg/capita

Imports of fish and fish  
products - 2020

USD 380 911 800

Agricultural GDP from fisheries

19.84%

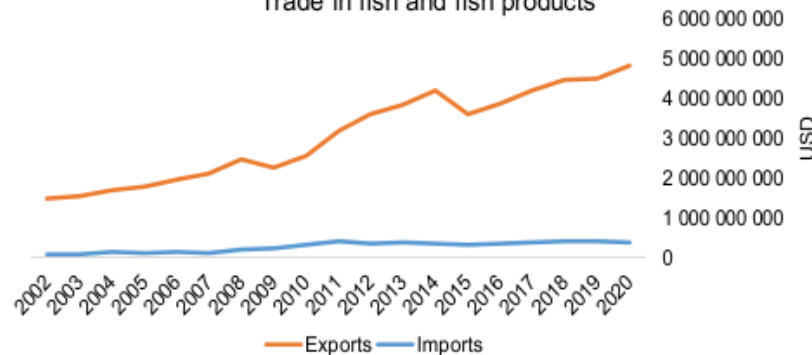
Fisheries and aquaculture  
production

Total	12 151 644 tonnes
Fisheries	57%
Aquaculture	43%

Exports of fish and fish  
products - 2020

USD 4 832 370 690

Trade in fish and fish products



# FAO support for Blue Transformation

## 1. Development for Joint National Action Plan on Blue Food Programme

Objective: To support the Government of Indonesia in synergizing multi-stakeholders programme in an effort towards achieving the sustainable aquaculture and capture fisheries management to enhance the role of Blue Food in national food security systems as well as improving climate resilience for coastal communities





## 2. Mainstreaming Biodiversity Conservation and Sustainable Use into Inland Fisheries Practices in Freshwater Ecosystems of High Conservation Value (IFish)

Objective: To strengthen the management framework of sustainable use of inland aquatic biodiversity to increase the protection of high conservation-value freshwater ecosystems in Indonesia





### 3. Enabling Transboundary Cooperation for Sustainable Management of the Indonesian Seas (ISLME)

Objective: To develop and agree a Strategic Action Programme (SAP) based on a Transboundary Diagnostic Analysis (TDA) for the ISLME leading to reduced stress on the marine resources and ecosystem through improved understanding of LME processes and the development of sustainable ecosystem-based management actions, which also promote increased resilience to climate variability and change



#### 4. Implementation of the **Small-Scale Fisheries Guidelines** for gender equitable and climate resilient food systems and livelihoods (FMM)

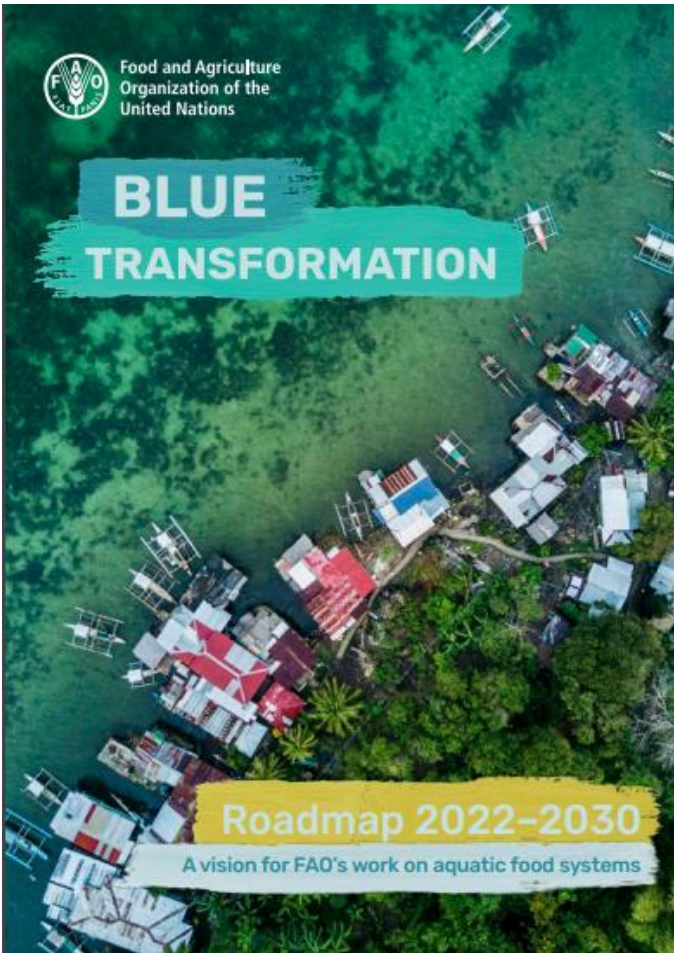
Objective: To strengthen small-scale fisheries organizations through collaboration and experience sharing







# Related Reading/Documentation Materials



Blue Transformation Road Map 2022 – 2030  
<https://www.fao.org/3/cc0459en/cc0459en.pdf>



Blue Transformation In Brief

<https://www.fao.org/3/cc6646en/cc6646en.pdf>



Blue Transformation Brochure

<https://www.fao.org/3/cc0458en/cc0458en.pdf>





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# Terima kasih

