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Institutional Visit of IORA Ambassadors and Director General L. Sabbatucci (MAECI -DGMO)

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Humans, Fish & The Future

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The March of Progress

The Human Revolution - The Human System

Capacities:

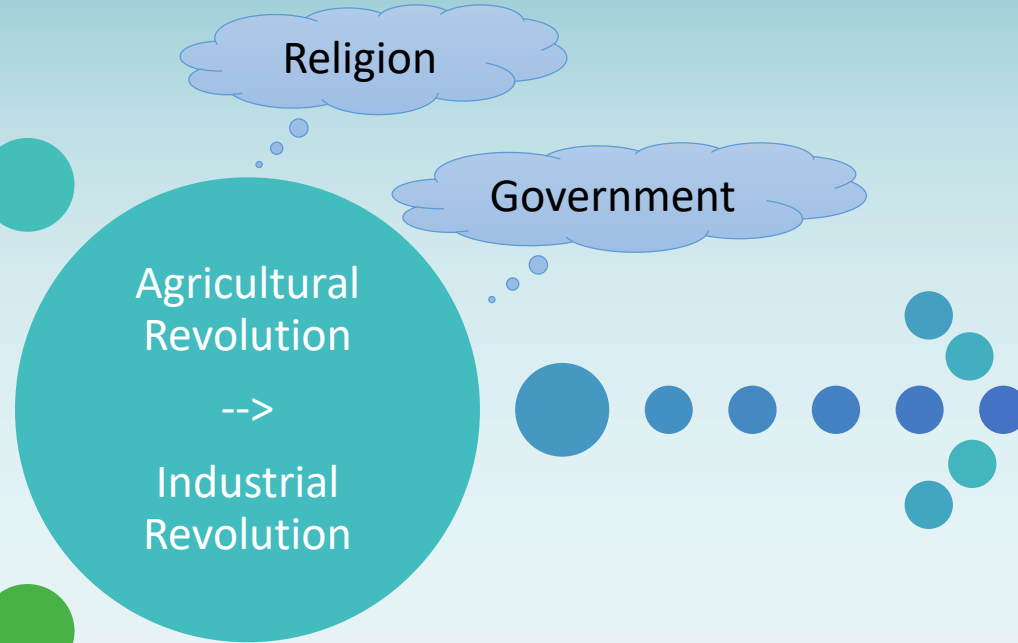
Survival Instinct



Communication



Capacity to Imagine



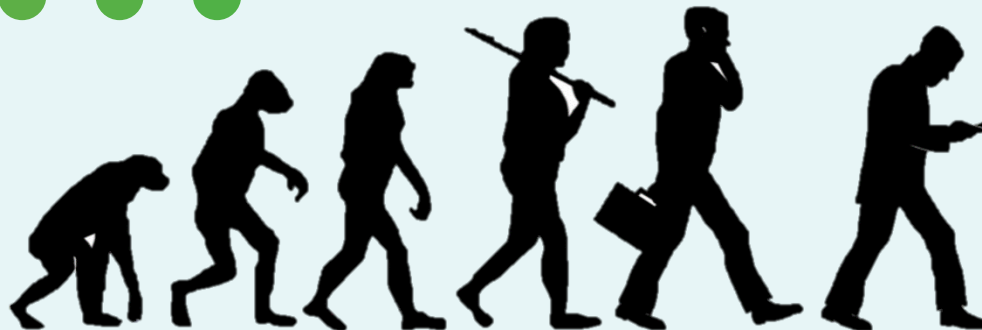
“Modern Globalised State Intervention Capitalist Systems” (MCSs)

What differentiates MCSs:

- Liberal democracies
- Leadership
- Social traditions

Outcome success:

- Inclusiveness
- Integrity
- Innovation





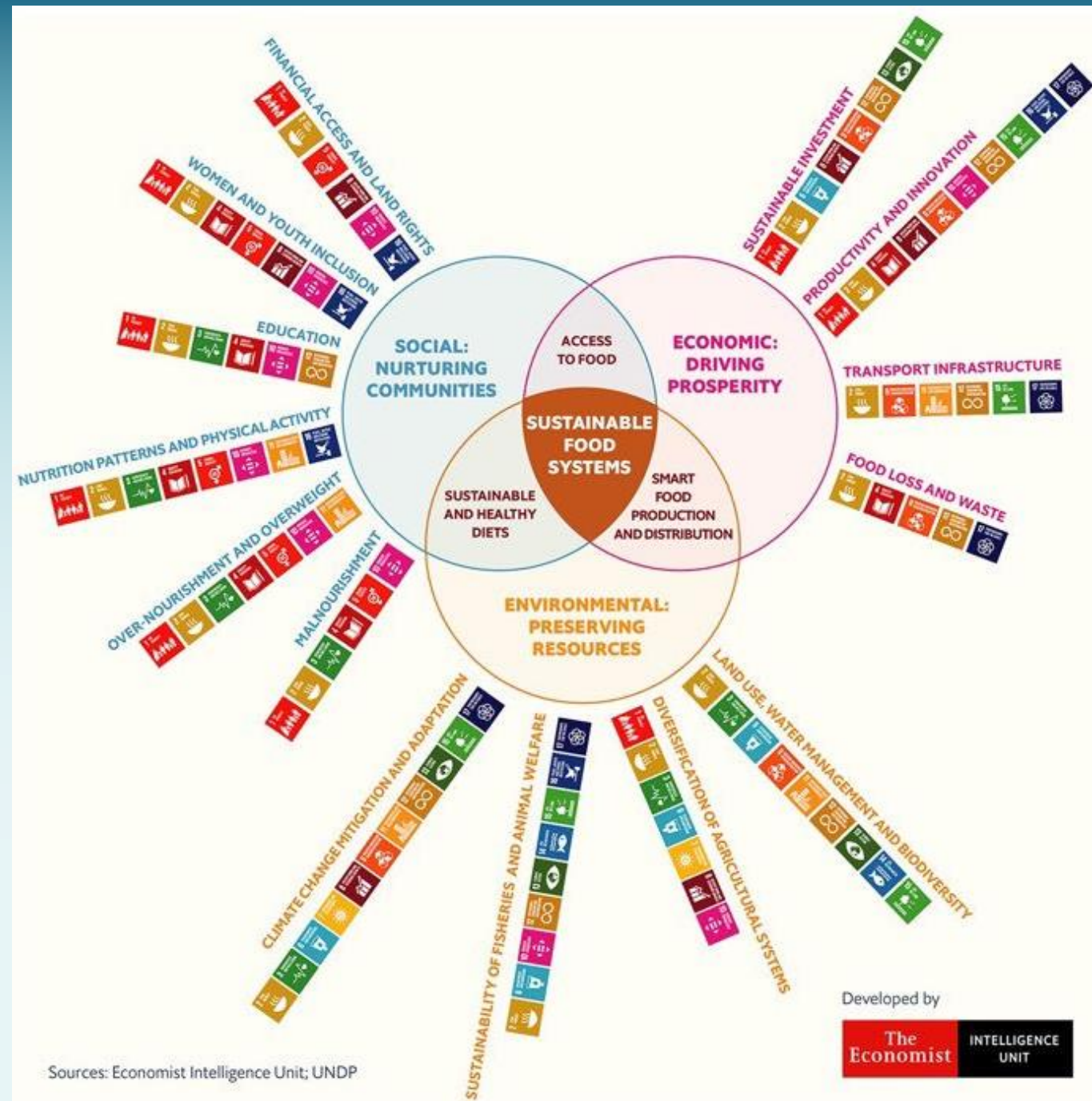
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Future of the Human System

Is it sustainable? Probably not!

Can it be sustainable? Yes.. probably!

The Human System depends upon a
cornerstone sub-system:
Sustainable Food System





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The Cornerstone

Food Security: production,
value

Nutrition: healthy diets

Sustainable Food
Systems

Sustainability: planetary
boundaries

Distribution:
Geographic ↔
Socio-economic ↕



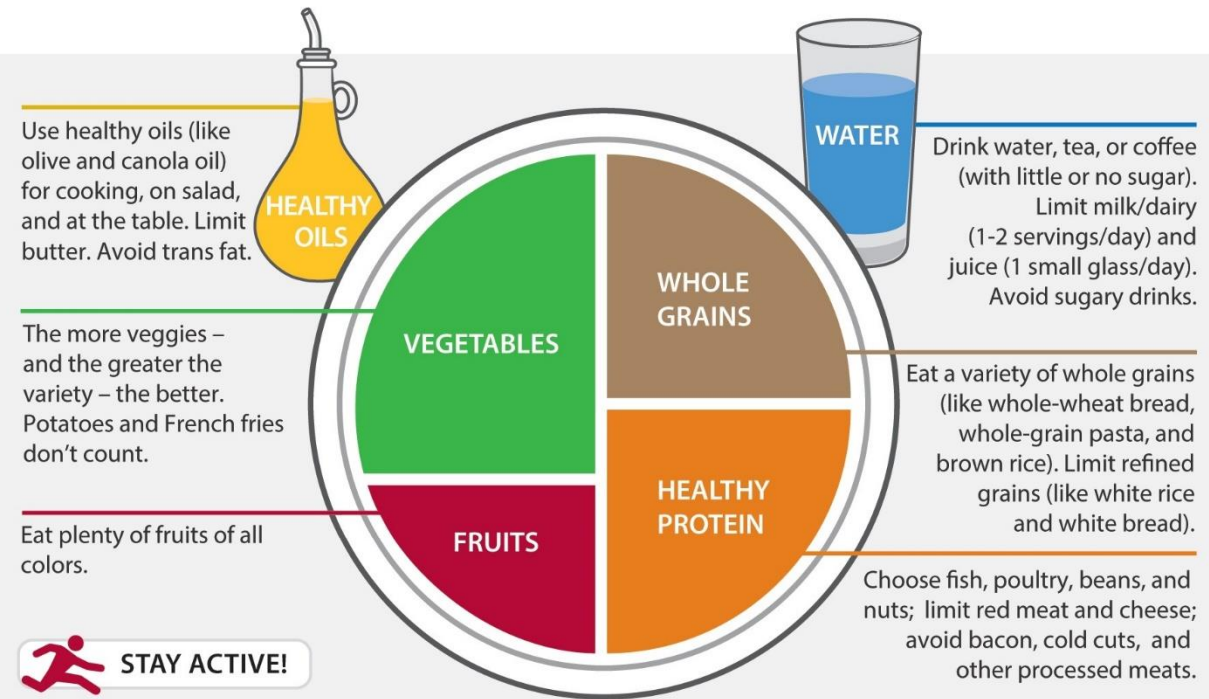
Healthy Diets – what does the science say?

“The exact make-up of a diversified, balanced and healthy diet will vary depending on the individual, cultural context, locally available foods and dietary customs. However, the basic principles of what constitutes a healthy diet remain the same.” -WHO

Examples which fit the bill:

- Nordic Diet
- Asian Diet
- “Washoku” Japanese culinary practice
- Mediterranean Diet
- EAT-Lancet Diet (planetary boundaries)

HEALTHY EATING PLATE



© Harvard University





Background- Drivers - Effects

Background factors:

The Great Divide
The Industrial Revolution
Capitalism (MCSs)
Slavery
Colonialism
Post-colonial development

Drivers of Stress:

Population growth
Increased consumption
(demand)
Conflicts

Effects:

Biodiversity decline
Resource depletion
Pollution
Climate change
Poverty (abject & relative)
Urbanization
Migration



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Priority projects:

High-Seas

EEZ

Coastal communities
& Blue Growth

Aquaculture

The Future in the
Oceans

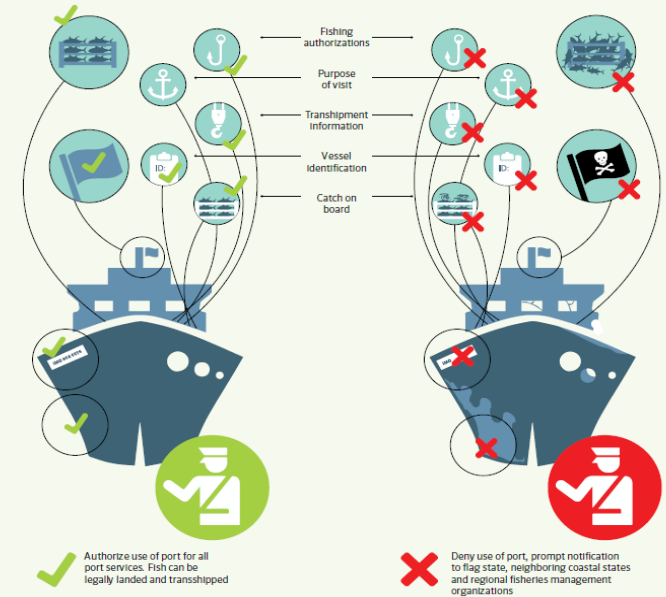
Value Chains



The Port State Measure Agreement

The Port State Measures Agreement is a cost-effective and efficient manner to combat IUU fishing by preventing vessels engaged in IUU fishing from using ports to land their catches.

Two foreign vessels request entry to a designated port in a country that adheres to the Port State Measures Agreement:





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“Theory of Change” Blue Growth/Blue Communities/Blue Hope

Status Quo

(e.g., declining
resources, lack of
decent work)



Platform of
Intervention:
Capture
Aquaculture
Value Chains,
Workers,
Consumers



Enabling Conditions

Law,
Finance,
Knowledge,
Innovation



Blue Growth/Blue Hope
(e.g., rebuilt stocks,
decent work
opportunities)



 SUSTAINABLE DEVELOPMENT GOALS





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Blue Hope Project Description

In general, **small-scale fisheries**, are characterized by:

Large number of low tonnage boats
Use of low-impact fishing gear to target variety of species

Fishers who fish areas usually close to the coast where they live and shelter their boats require low capital investment, in contrast to industrial fishing,

But key source of income and make a significant contribution to food security, especially in coastal communities.





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Socio-economic growth

Generally characterized by
increased:

- Access to healthy, nutritious food
- Decent/safe work (aligned with international labour standards)
- Decent living income
- Employment security/stability
- Social protection in case of accident/injury
- Access to credit
- Access to technical/vocational training
- And other...





Challenges

Limitations to **socio-economic growth** stem from:

- Heavily **impacted natural system** with fewer available resources from overfishing, also coastal development, climate change
- Population growth and **migration** leading to more people needing **food, jobs**

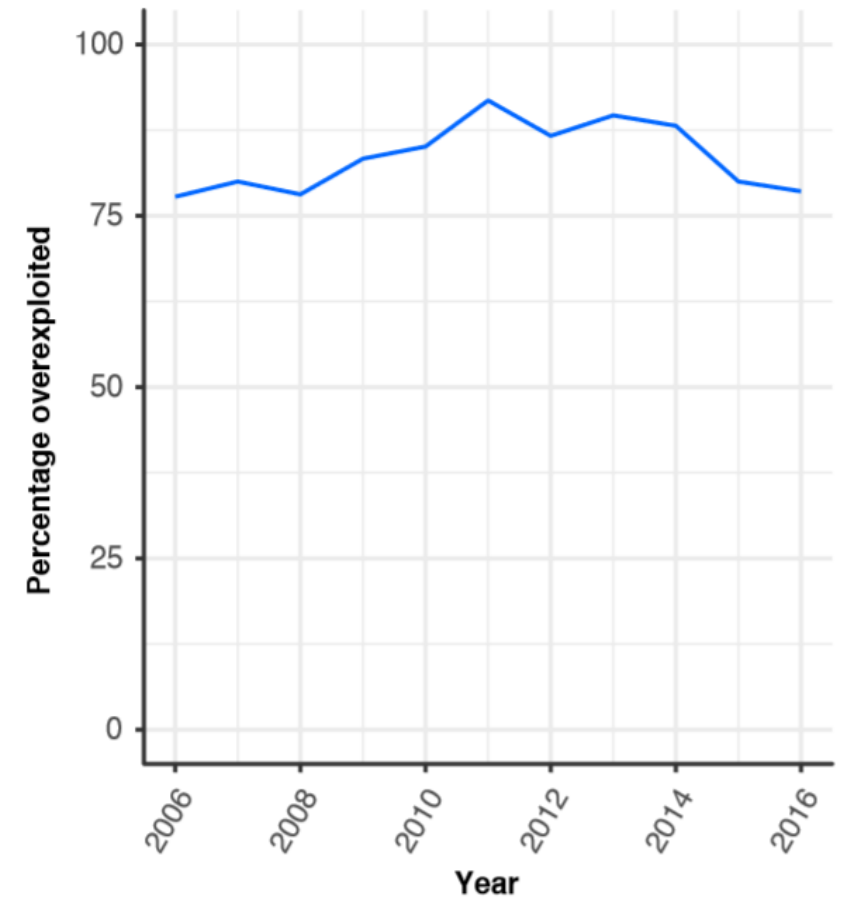


FIGURE 68 – Percentage of stocks in overexploitation since 2006
SOMFI 2018



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But also opportunities



Advances in technology
(first electric fishing vessel)

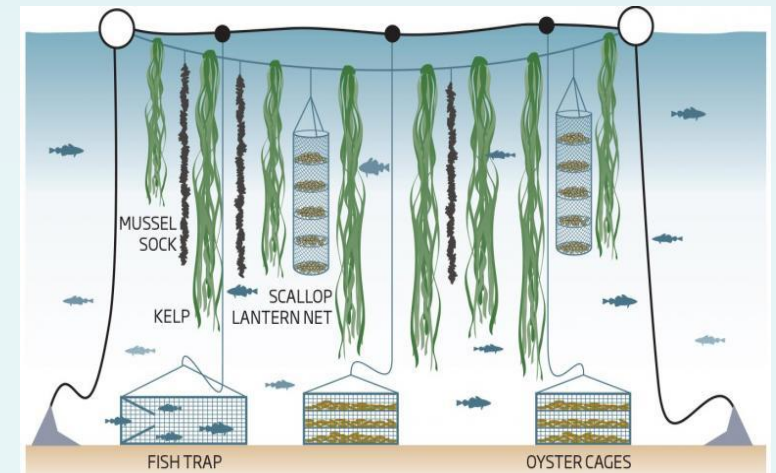


Tourism growth
and interest in
eco-tourism (fish
farm and
ecotourism in
Vietnam)



New consumer awareness
(seafood certification/
labelling)

Aquaculture innovation





Approach

Focus on the key levers/drivers
of socio-economic growth:

- Fisheries **production** (#)
- Fish/fisheries **value** (\$)

Sustainability is key

INCREASE FISHERIES
PRODUCTION
SUSTAINABLY

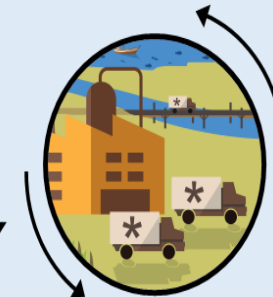


Fisheries
management
improvements



New sectors
(e.g., aquaculture)

INCREASE FISH
PRODUCT OR
FISHERIES SECTOR
VALUE SUSTAINABLY



Value chain
development



Inter-sectoral
synergies: e.g.,
pescatourism



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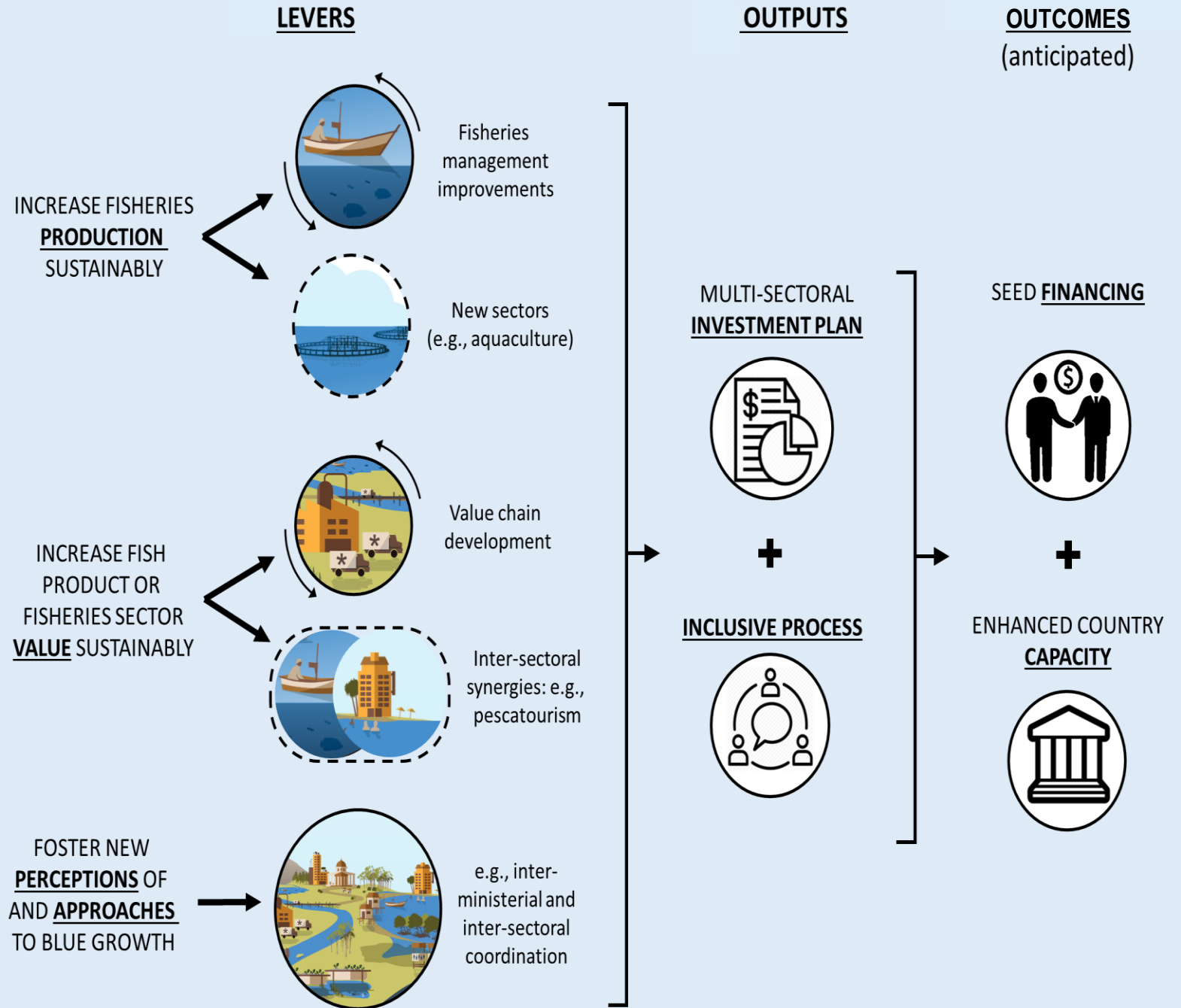
Approach

- **Don't want to reinvent anything or duplicate any efforts!** This project is more about finding and sustainably capitalizing on increased efficiencies and opportunities by connecting the dots
- We want to build on **Country** initiatives (like the ecosystem approach to fisheries)
- Build on **RFMO** work priorities
- Build on investment initiatives by national and international financial institutions
- Engage the **private sector** who will (or won't) sustain this in the long term
- Contribute to **Sustainable Development Goals (SDGs)**



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Project Outputs and anticipated Outcomes



BGI Platforms for Blue Growth Intervention

Blue Production

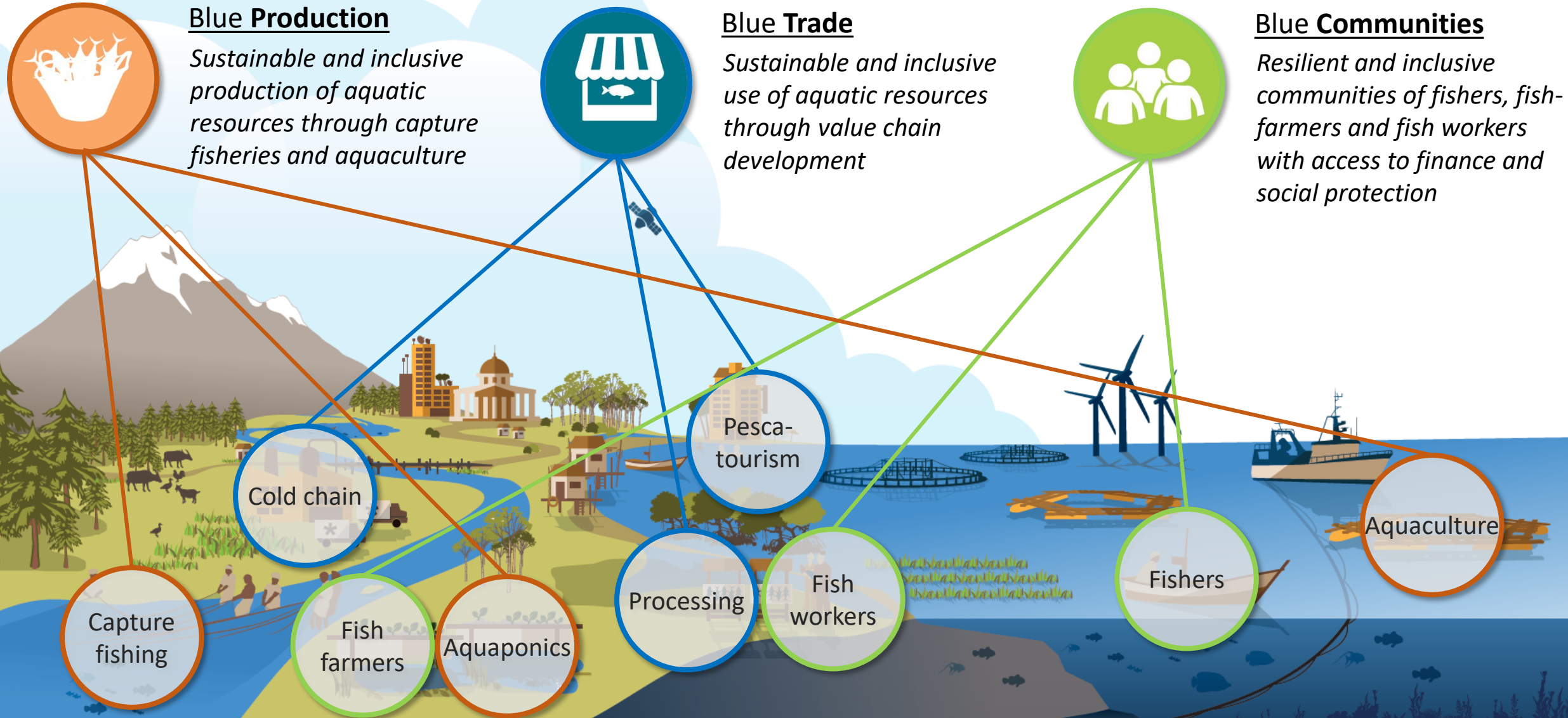
Sustainable and inclusive production of aquatic resources through capture fisheries and aquaculture

Blue Trade

Sustainable and inclusive use of aquatic resources through value chain development

Blue Communities

Resilient and inclusive communities of fishers, fish-farmers and fish workers with access to finance and social protection





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Thank you

FAO web page

<http://www.fao.org/home/en/>

