

# E€OFISH

ENHANCING EQUITABLE ECONOMIC  
GROWTH BY PROMOTING SUSTAINABLE  
FISHERIES IN THE EA-SA-IO REGION

## REGIONAL CONSULTATION ON REGISTRATION SYSTEMS IN SMALL-SCALE FISHERIES OF SWIO COUNTRIES

ANTANANARIVO 21-22 MAY 2024

## INTEGRATION AND THE WAY FORWARD

DARE TO DREAM !

By

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Promoted and Funded by



Implementing partners



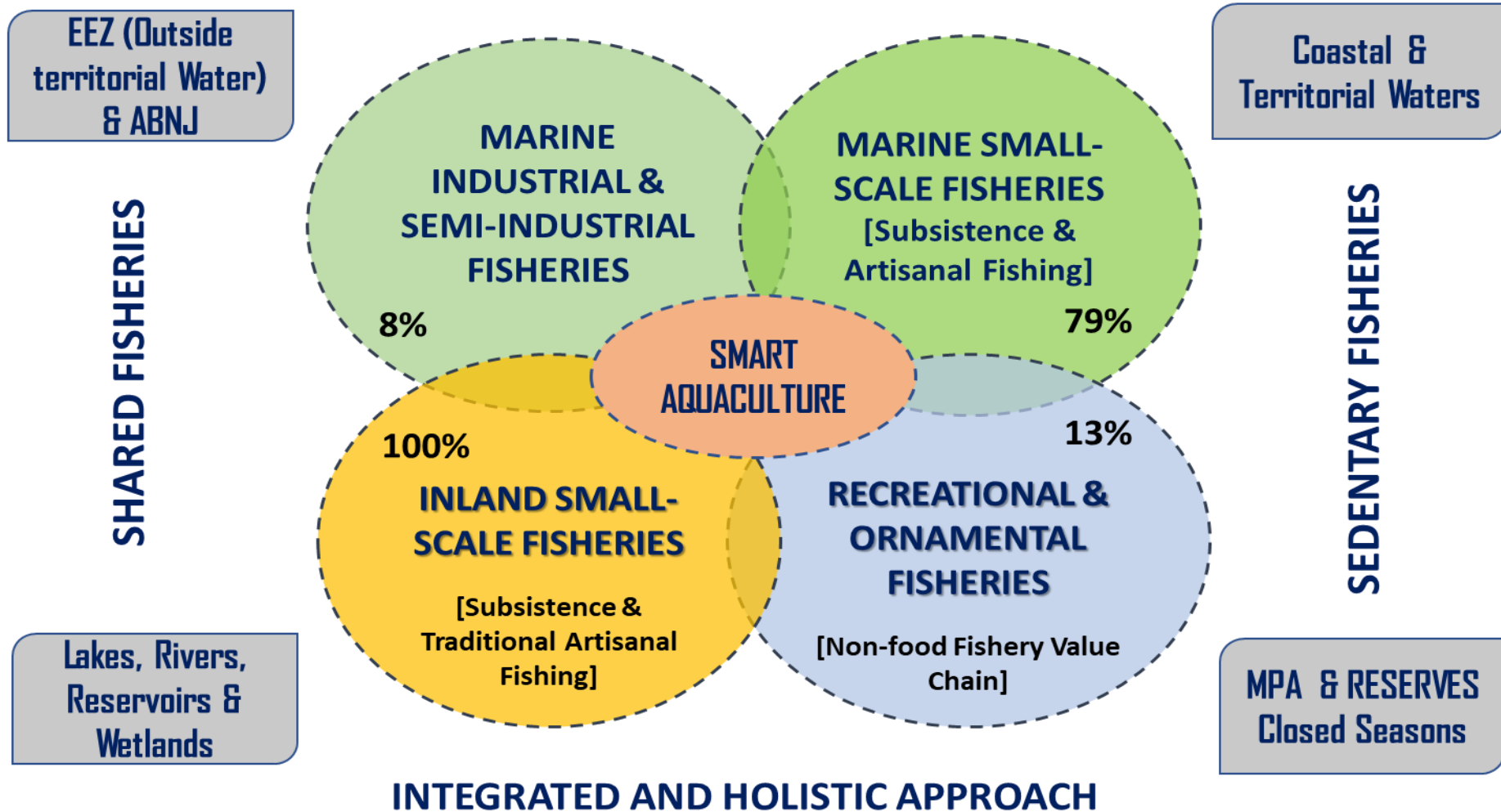
INDIAN OCEAN  
COMMISSION



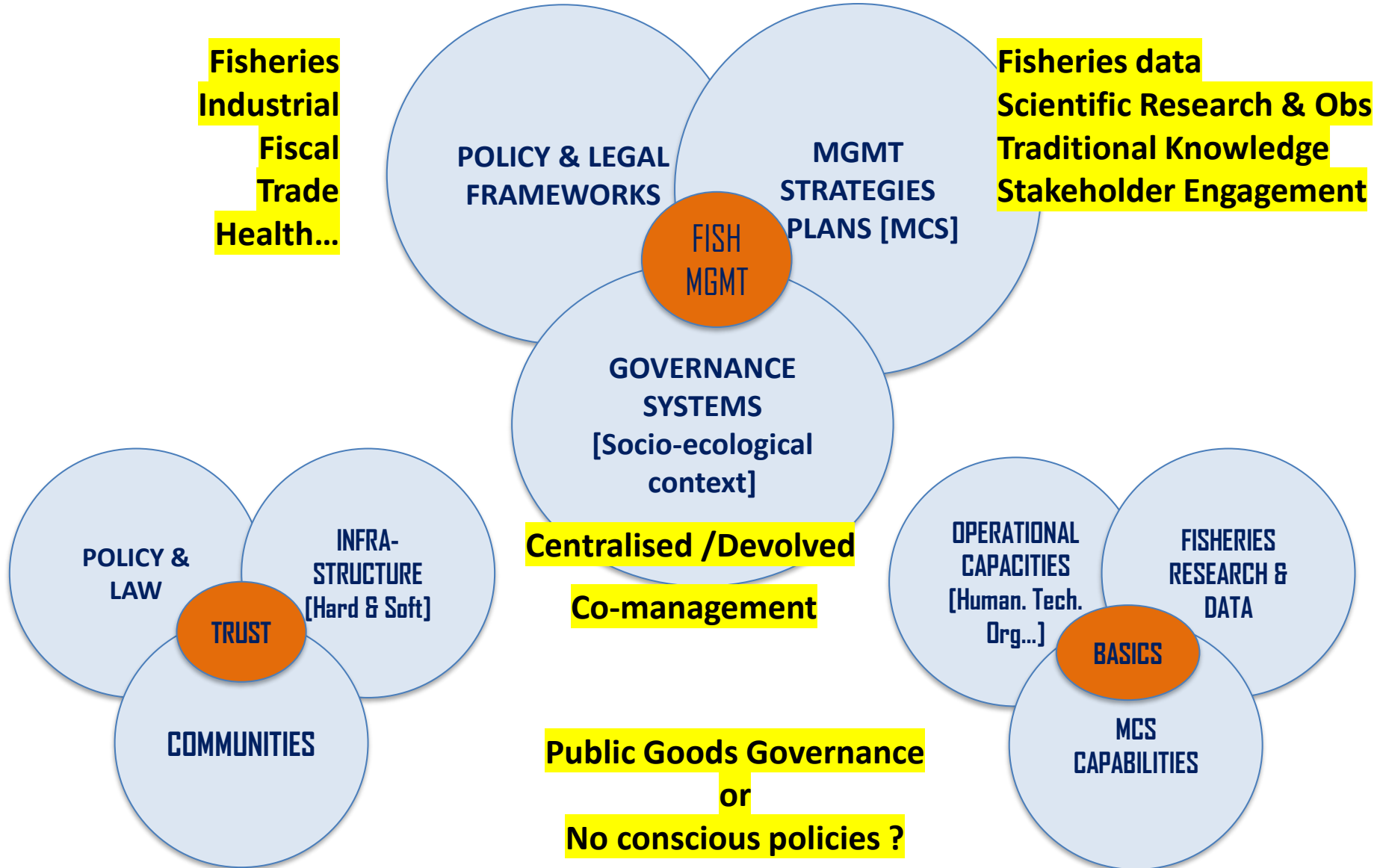
# OVERVIEW OF ES-SA-IO WILD FISHERIES RESOURCES [INLAND AND MARINE]

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## VALUE CHAIN APPROACH



# FISHERIES RESOURCES MANAGEMENT [In Practice]

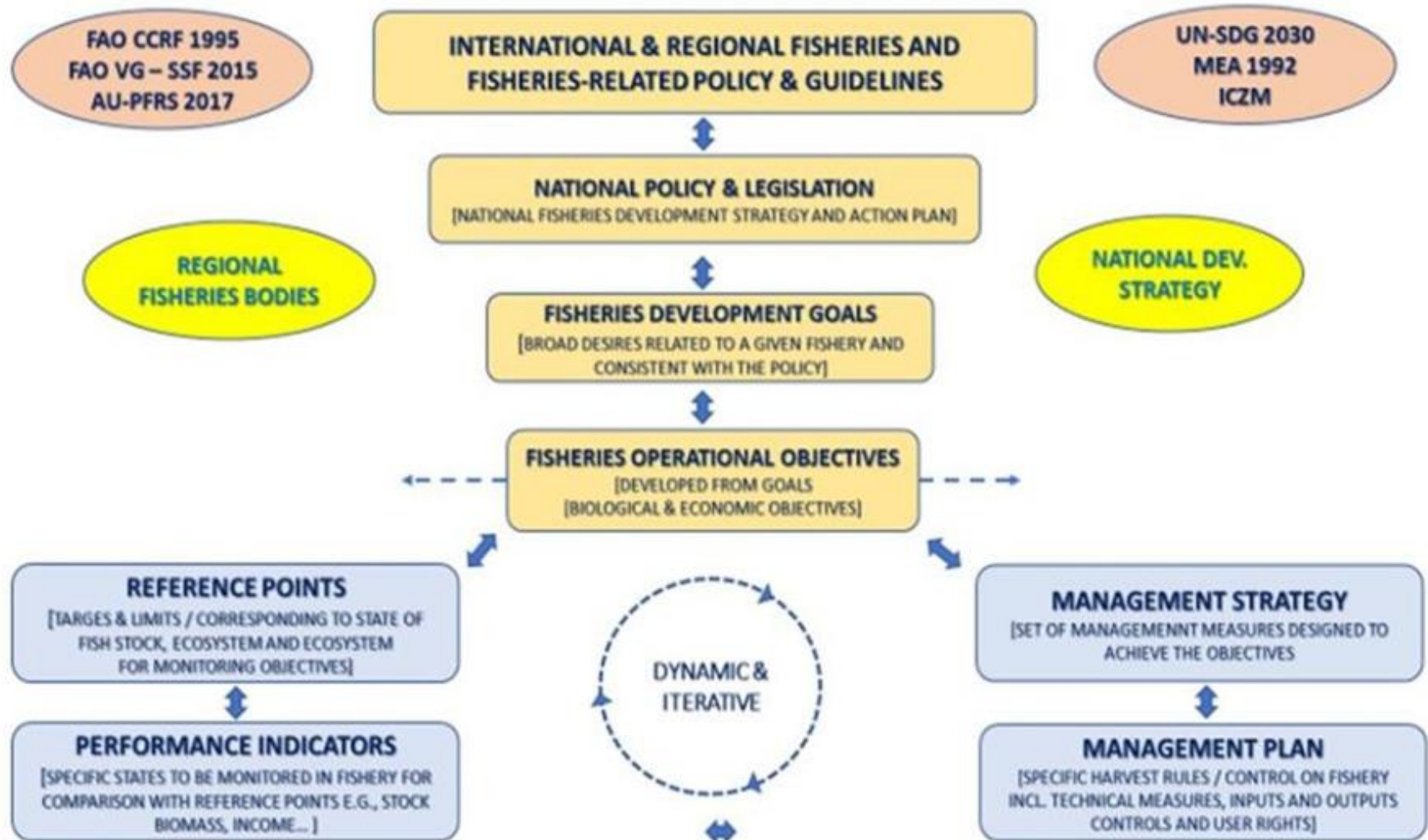


# THEORY AND PRACTICES OF FISHERIES MGMT PUBLIC GOODS

- *FISHERIES MANAGEMENT* refers to a Strategic and science-based approach to ensure the **sustainable use and conservation of fisheries resources**.
- The goal of fisheries management is to ensure the **long-term sustainability of fish stocks, preserve biodiversity, support the livelihoods of fishing communities, and maintain the ecological balance of marine and freshwater ecosystems**.
- It requires a combination of **scientific knowledge, stakeholder involvement, effective governance, and adaptive management strategies** to address the complex and dynamic nature of fisheries.
- **Key Aspects of fisheries managements are:**
  - a) **Governance Systems (Centralised, Coercive, Decentralised, Participatory)**
  - b) **Stock Assessment [CAS, Frame Survey, Acoustic Survey, Satellite Imagery –PFZ]**
  - c) **Harvest Control [Harvest Rules, Fisheries Management Strategies & Plans]**
  - d) **Monitoring, Control and Surveillance**
  - e) **Habitat Protection [Breeding and Nurturing zones, MPAs]**
  - f) **International Cooperation [Shared fisheries Resources, i.e., tuna (UNFS 1995)]**
  - g) **Research and Data Management [Mgmt Services]**
- *Bio-ecological CMM) + Socio-economic Dimensions*.
- *Commercial fisheries and North – South Divide*
- *Shared fisheries resources [UN CCRF, FSA SSF Guidelines against the backdrop UNCLOS 1982 ]*
- *Transition from Fish stocks Management to Sustainable Fisheries Management and Blue Economy*
- *MCS vs IUU fishing vs IUU business practices worldwide*
- *Human and Social Innovations – [Market Economy embedding moral and ethical standards]*

# FISHERIES RESOURCES MANAGE INTERSECTING FISHERIES DEVELOPMENT POLICY FRAMEWORKS – A PUBLIC GOODS PARADIGM

## FLOW-CHART



# KEY DRIVERS OF SUSTAINABLE FISHERIES

## “A LITMUS TEST”



# SUSTAINABLE AND PROFITABLE SSF ENABLERS

## 1. SECURE RIGHTS OF TENURE

*Provides appropriate incentives to fishing communities to sustainable use the resources.*

## 2. SUSTAINABLE HARVESTS

*Determines how much fish can be sustainably caught from the fishery [ Essential for formulating fishery management and Investment Strategies and plans.]*

## 3. ROBUST COMPLIANCE AND ENFORCEMENT (MCS)

*Ensure that fishers comply with the Harvest Rules / Management Measures and reduce likelihood of IUU fishing.*

# ECONOMICS OF SMALL-SCALE FISHERIES

## KEY DRIVERS

### 1. IMPROVED FISH STOCK HEALTH / PRODUCTIVITY

*Leads to a more abundant resource. i.e. higher long-term or sustainable yield (CPUE). Therefore, reduced FISHING COST (search and fishing time)*

### 2. INCREASED OPERATIONAL EFFICIENCY

*Reduces cost of fishing and delivering fish through the supply chain. Hence, improving profit margin or income and economic return from the fishery*

### 3. ENHANCED MARKET VALUE

*Improves fish value chain and markets, quality assurance, labelling/Branding and long-term partnerships. Thus, adding value to the fish and more benefits to fishers and fish workers.*



# INNOVATIVE AND SUSTAINABLE FINANCING IMPACT INVESTMENTS

## 1. **TRADITIONAL SOURCE: GRANTS AND AIDS**

*Multilateral and bilateral Donor agencies [ ODA]*

*Approx: US\$ 2-5 million /year per developing country (OECD 2019)*

*Misallocation of scarce resources / mismatched Agenda*

*Project Tracking System is also a tool for resource mobilisation.*

## 2. **SPECIAL VEHICLES**

*Regional and National Development Banks*

*Climate Fund / Pro Blue Fund*

*Debts vs Nature Swaps*

## 3. **ESA SUSTAINABLE SMALL-SCALE FISHERIES TRUST FUND**

*For social and environmental Impact Investments*

*Blue Bond, Green Bonds*

*Public- Private Participation [ Avoid corporatisation and Financialisation]*

*Microcredit / Development of Entrepreneurship and Small*

*Sustainable fish businesses*

*Domestic Resource Mobilisation*

*Blended capital*

## 4. *A Sustainable SSF Financing Strategy (Why, What and How?)*

# STRATEGIC REFORMS FOR SUSTAINABLE SSF

## THREE CATEGORIES

### 1. **FOUNDATIONAL REFORMS**

- A. *Policy and Legal Frameworks and Governance System*
- B. *Basic Infrastructure, essential socio-economic services and market logistics*
- C. *Information and Knowledge ( science, socio-economic, local and Indigenous, Observations]*
- D. *Management Services Capabilities : [ MCS]*
- E. *Stakeholder Engagement / Partnership [Social Innovations]*
- F. *Impact Assessment and Monitoring [ Dashboard]*

### 2. **REFORM OF DELIVERY SERVICES / TOOLS**

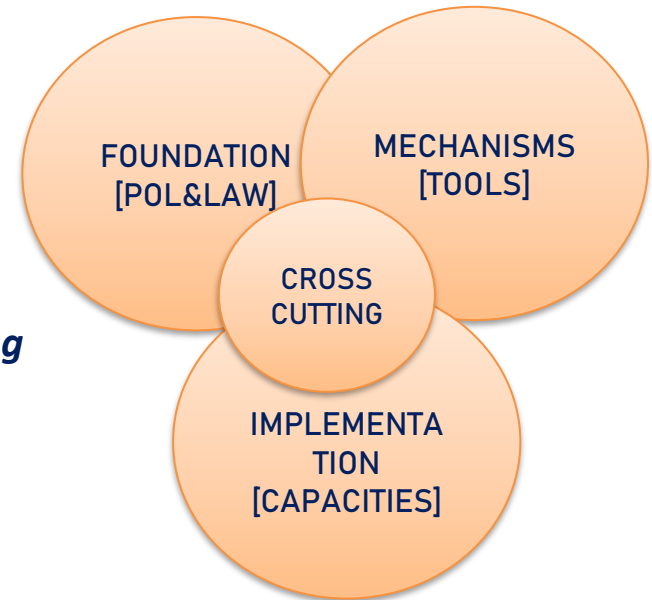
- A. *Resource Allocation [Total Allowable catch / MSY]*
- B. *Harvest Strategies [Fishery Management Plan]*
- C. *Harvest Rules and Access [ How and how?]*
- D. *Responsive decision-making*
- E. *Communication, Cultural Development and Social Marketing*

### 3. **IMPLEMENTATION REFORMS**

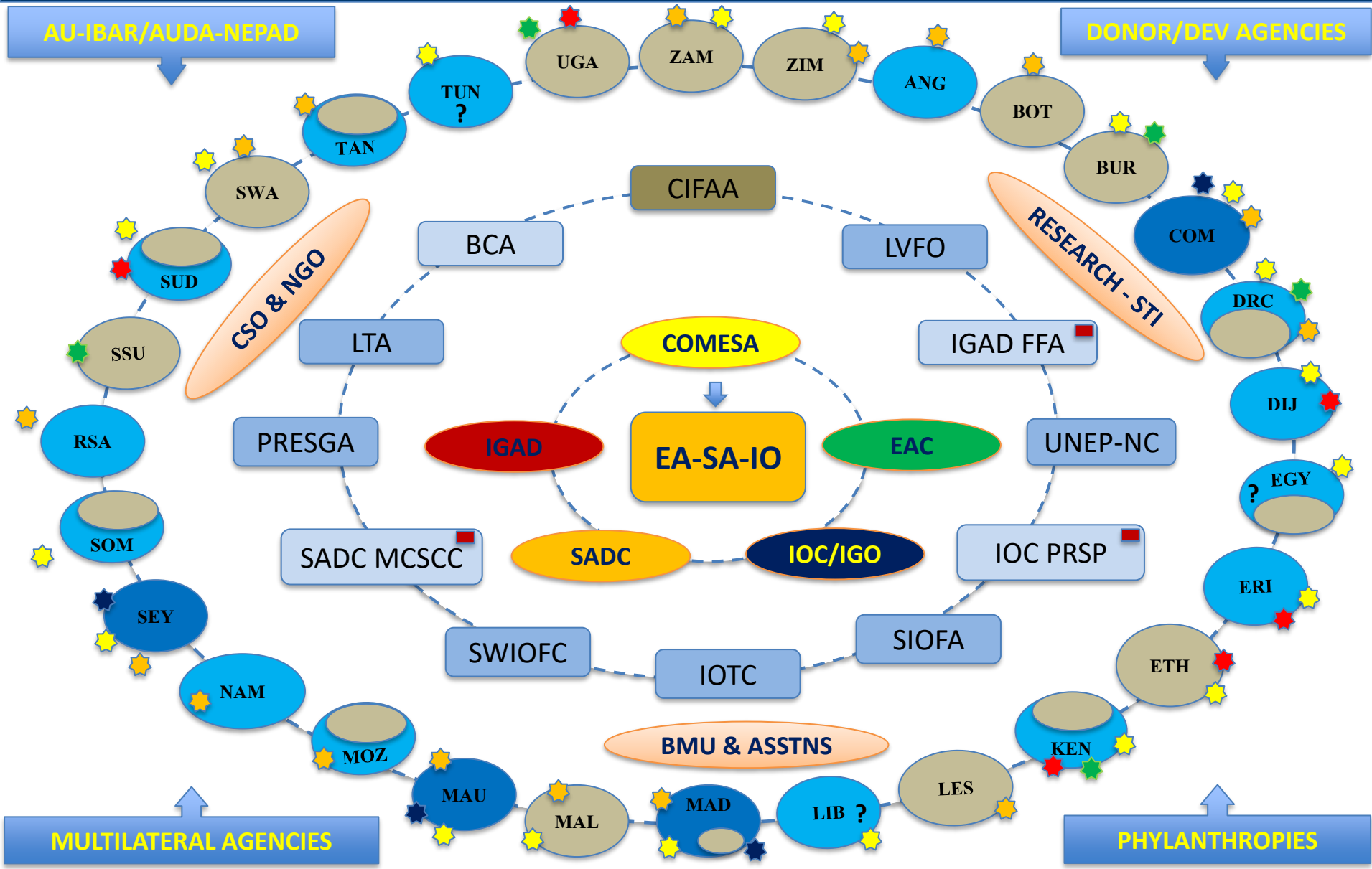
- A. *Compliance & Enforcement [MCS]*
- B. *Participatory Management ( Transparent and Equitable]*
- c. *Improved Extension Services & Capacity building*

### 4. **CROSS-CUTTING (INTEGRATIVE) REFORMS**

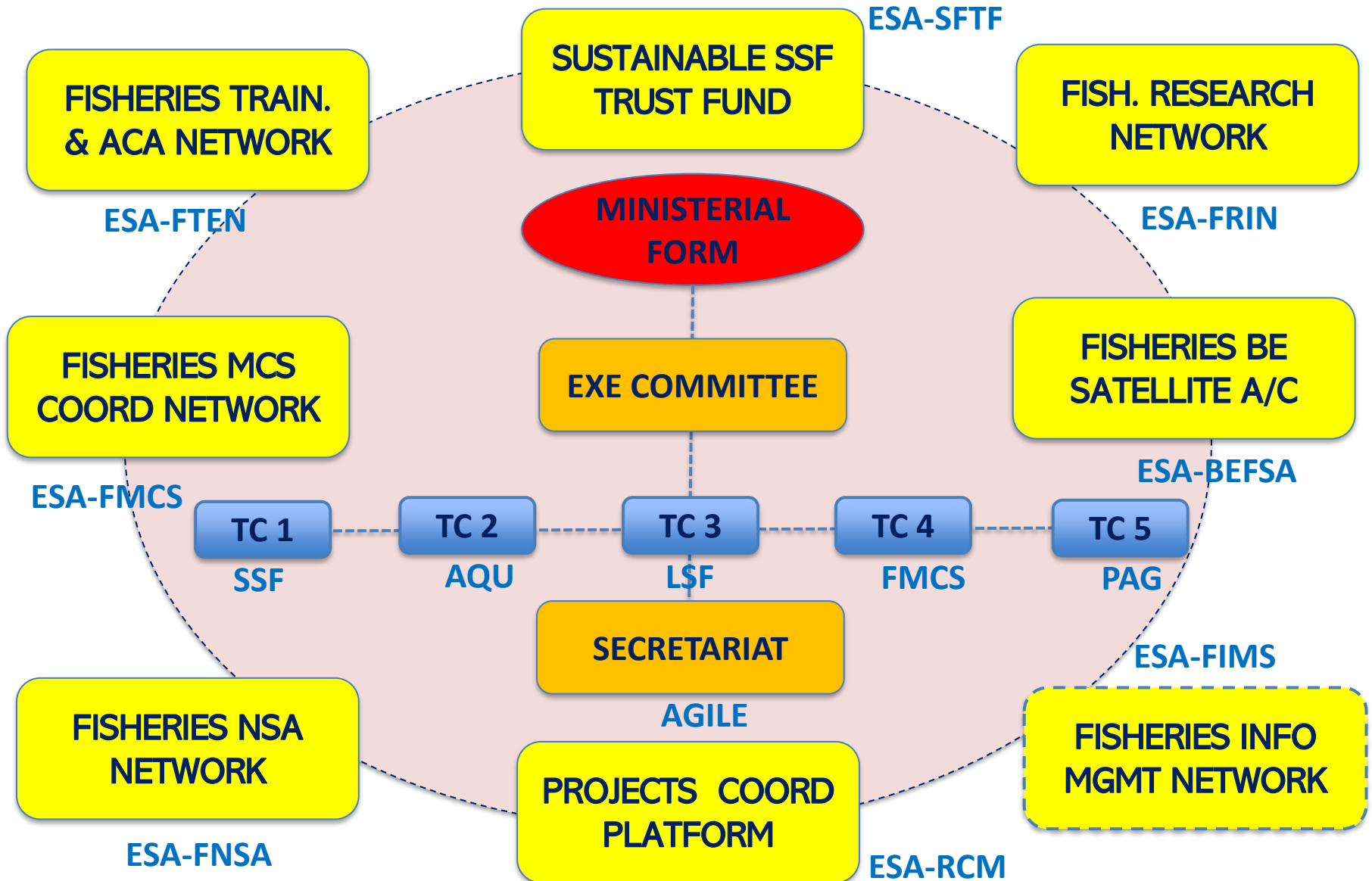
- A. *Interdisciplinary and Cross-sectoral : Whole-of-the-economy and government approach*
- B. *UN SDG 2030 and Blue Economy [ Gender equality, Climate Change, etc.)*
- C. *Fish Value chain Development*



# ESA SUSTAINABLE FISHERIES & BE COORDINATION PLATFORM INSTITUTIONAL WEB



# ESA SFBE CP FRAMEWORK [ ORGANISATINAL & FUCTIONAL ]



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## THANK YOU VERY MUCH

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**DEVELOPMENT IS INFINITE, AND EVERY PROJECT IS STAGE !**

Promoted and Funded by



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