Fisheries and Aquaculture Department (FAO) Priorities/Projects

Jackie Alder
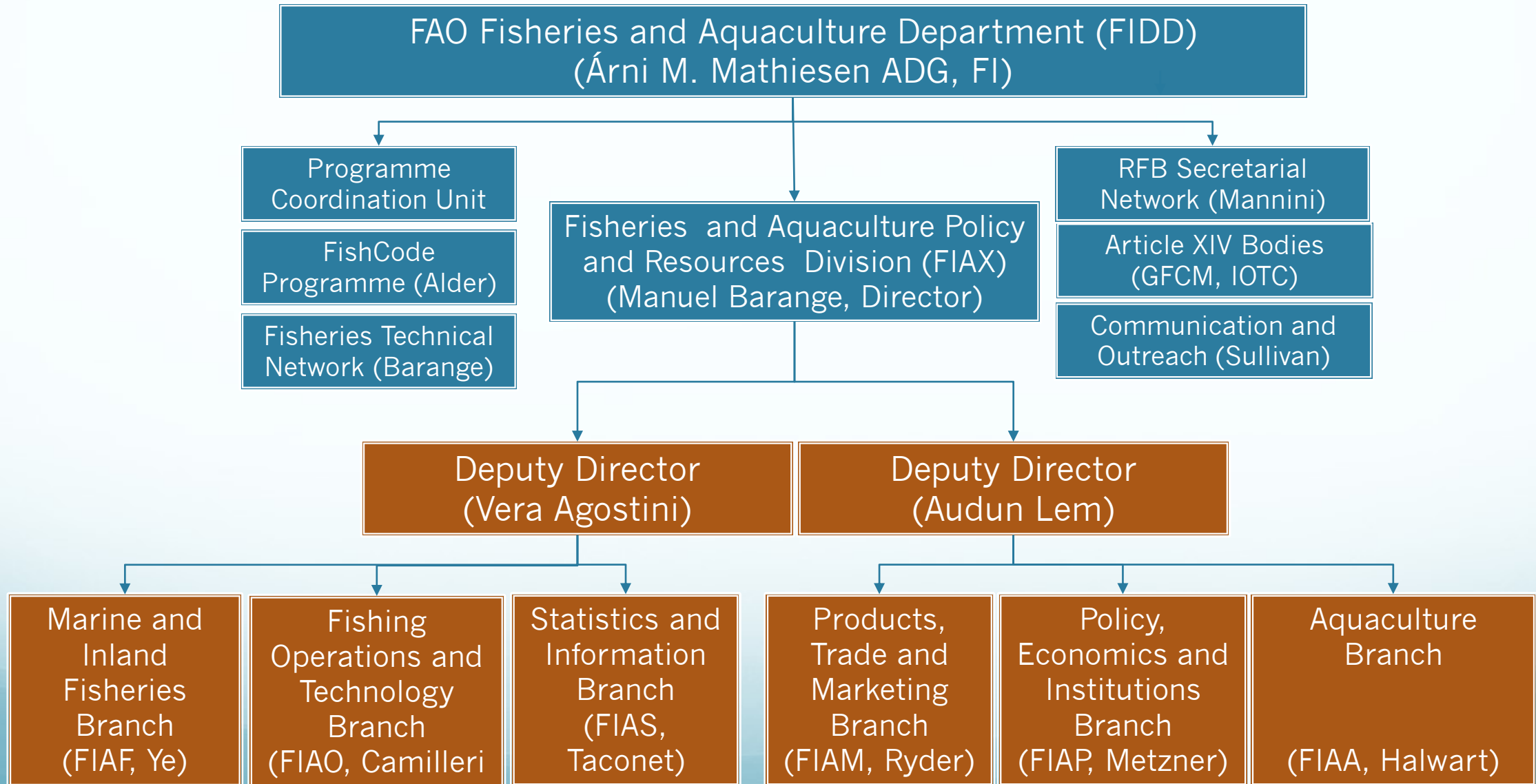**FISHCODE Manager, FID**

Jacqueline.alder@fao.org

Fisheries and Aquaculture Department

- 360 staff (including consultants, project posts and interns)

- 160 active projects with a budget of US$ 260 million delivered as Budget Holders and a further US$ 105 million as Lead Technical Officers

- Total delivery ~USD 40-50 million per year (+USD 21 m Regular Programme).

- Fisheries officers based in the FAO decentralized offices, i.e. 7 in Africa, 5 in Asia, 1 in Europe, 5 in Latin America and 3 in the Near East
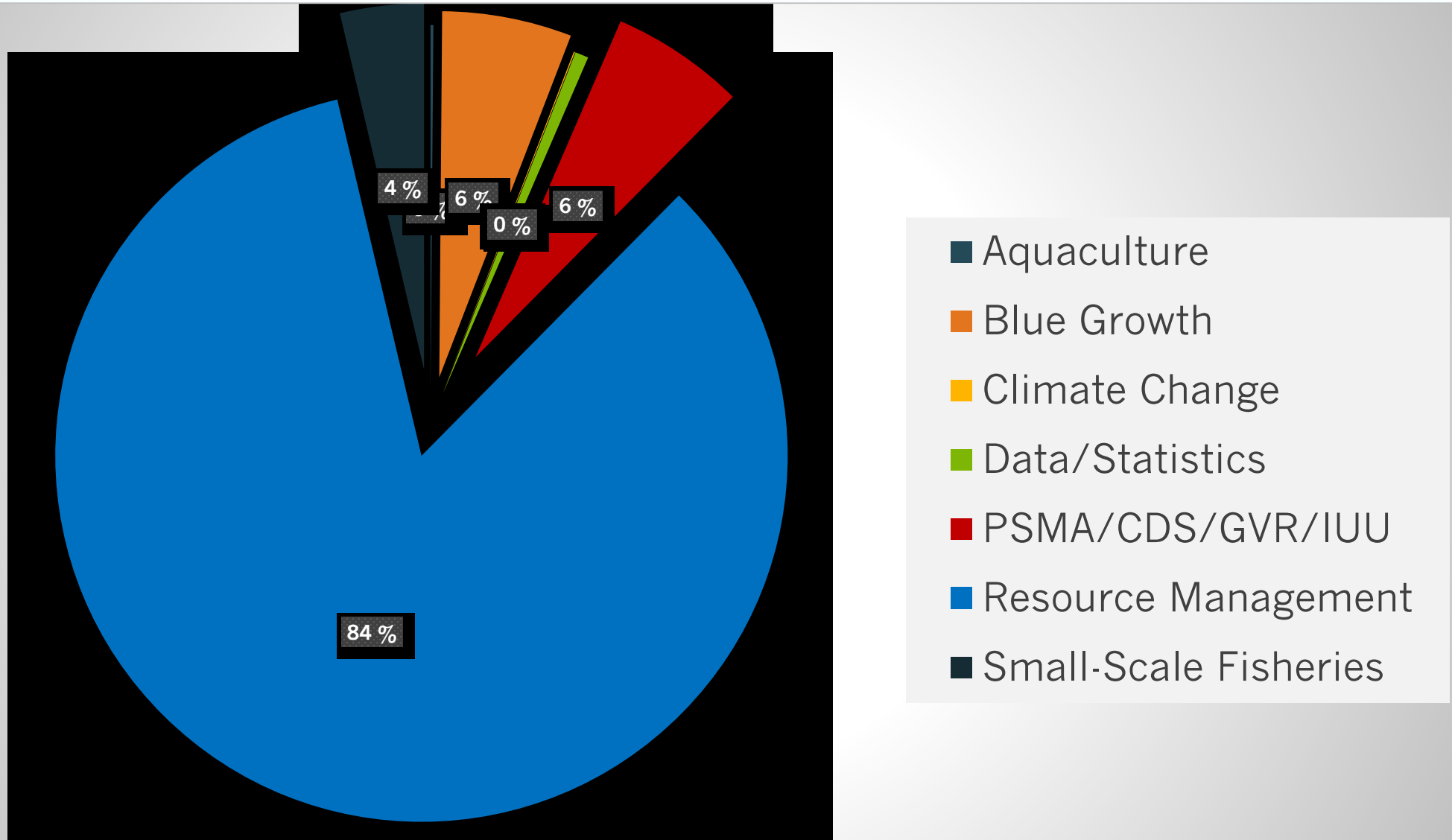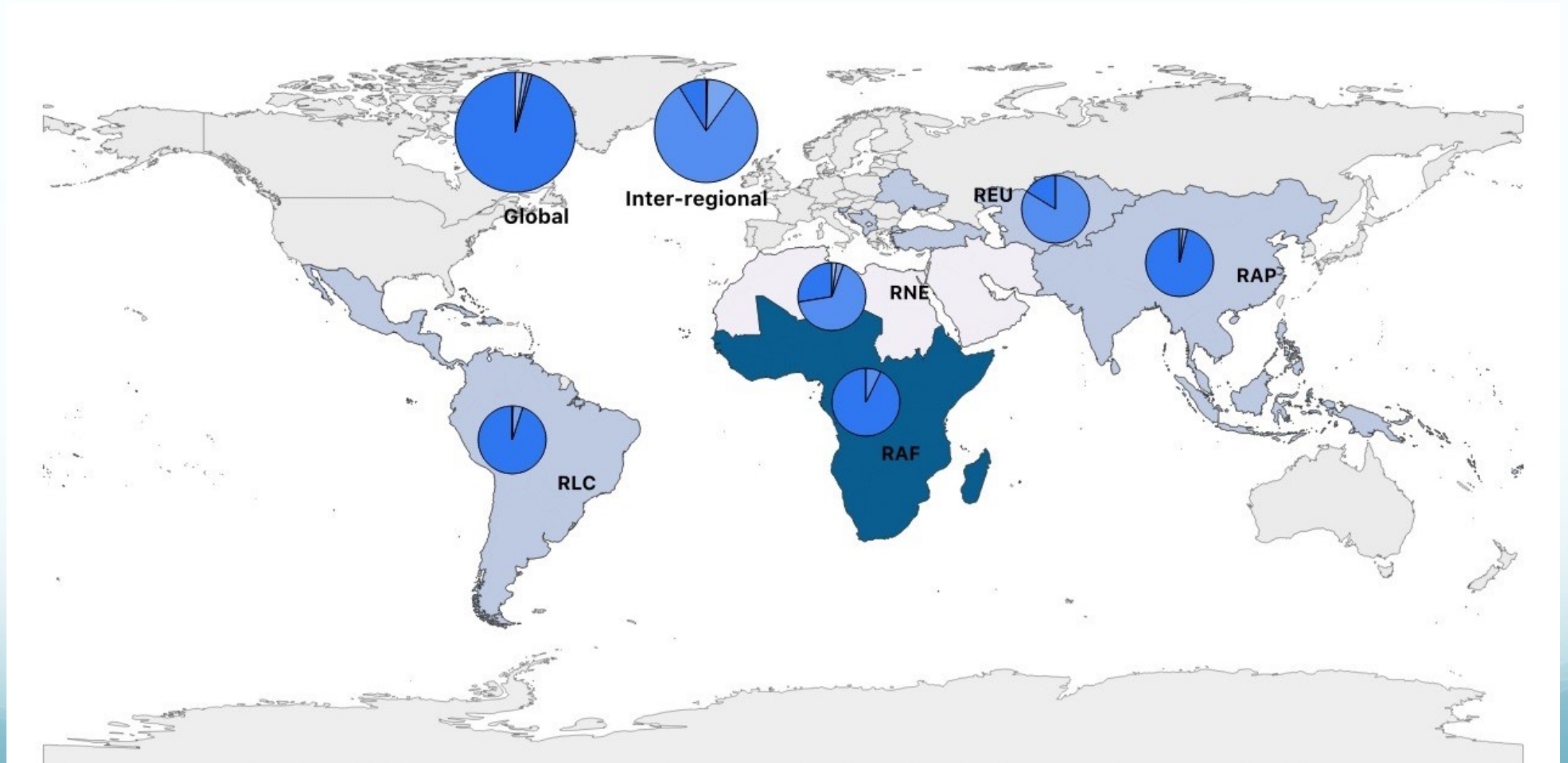
Footprint of Activities

Organigram

FAO Fisheries and Aquaculture Department (FIDD)
(Árni M. Mathiesen ADG, FI)

Programme Coordination Unit

FishCode Programme (Alder)

Fisheries Technical Network (Barange)

Fisheries and Aquaculture Policy and Resources Division (FIAX)
(Manuel Barange, Director)

RFB Secretarial Network (Mannini)

Article XIV Bodies (GFCM, IOTC)

Communication and Outreach (Sullivan)

Deputy Director (Vera Agostini)

Deputy Director (Audun Lem)

Marine and Inland Fisheries Branch (FIAF, Ye)

Fishing Operations and Technology Branch (FIAO, Camilleri)

Statistics and Information Branch (FIAS, Taconet)

Products, Trade and Marketing Branch (FIAM, Ryder)

Policy, Economics and Institutions Branch (FIAP, Metzner)

Aquaculture Branch (FIAA, Halwart)

FI Project Portfolio Operated by Theme

- Aquaculture
- Blue Growth
- Climate Change
- Data/Statistics
- PSMA/CDS/GVR/IUU
- Resource Management
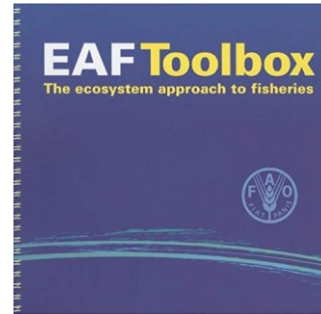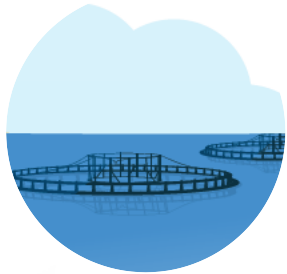- Small-Scale Fisheries

FI Project Distribution

CURRENT MAJOR PROJECTS

- Nansen
- GEF5 Common Oceans
- GEF CFI – leveraging West Africa resources
- IUU – incl PSMA, CDS, Traceability, Vessel Record
- Blue Growth – Blue Hope, Blue Ports, Africa Package
- Small Scale Fisheries
- RFMOS/RS cooperation in SWIO
- Marine Litter/Plastics – LADFG, Gear Marking
- Aquaculture Guidelines
- Horizon2020 – various

1: Sustainability incentives in the value chain

2: Institutional structures and processes

3: Best practices, collaboration & performance assessment

Areas of Priority in 2019 and Beyond

- **Fisheries and Aquaculture Sustainability**
  - 2030 Agenda for Sustainable Development (and SDG14)
  - Policy support and implementation: CCRF, VGSSF, VG Tenure, PSMA, GR, CDS, ALDFG
  - Guidelines for Socially responsible value chains
  - Guidelines for Sustainable aquaculture production
- Conservation and sustainable use of **areas beyond national jurisdiction (ABNJ), incl. RFMO support**
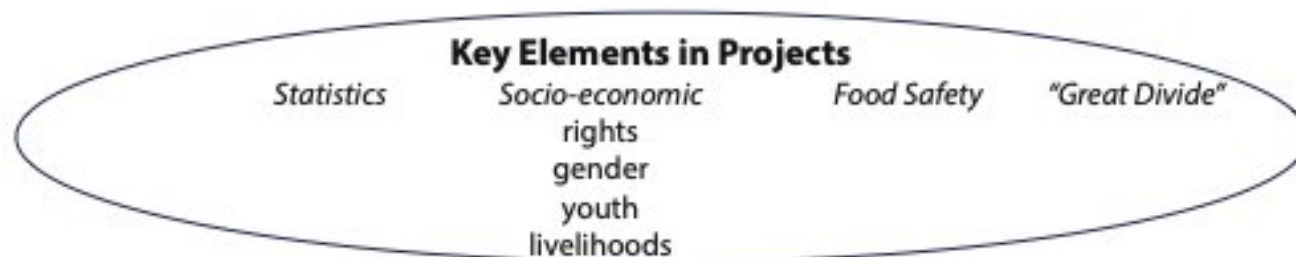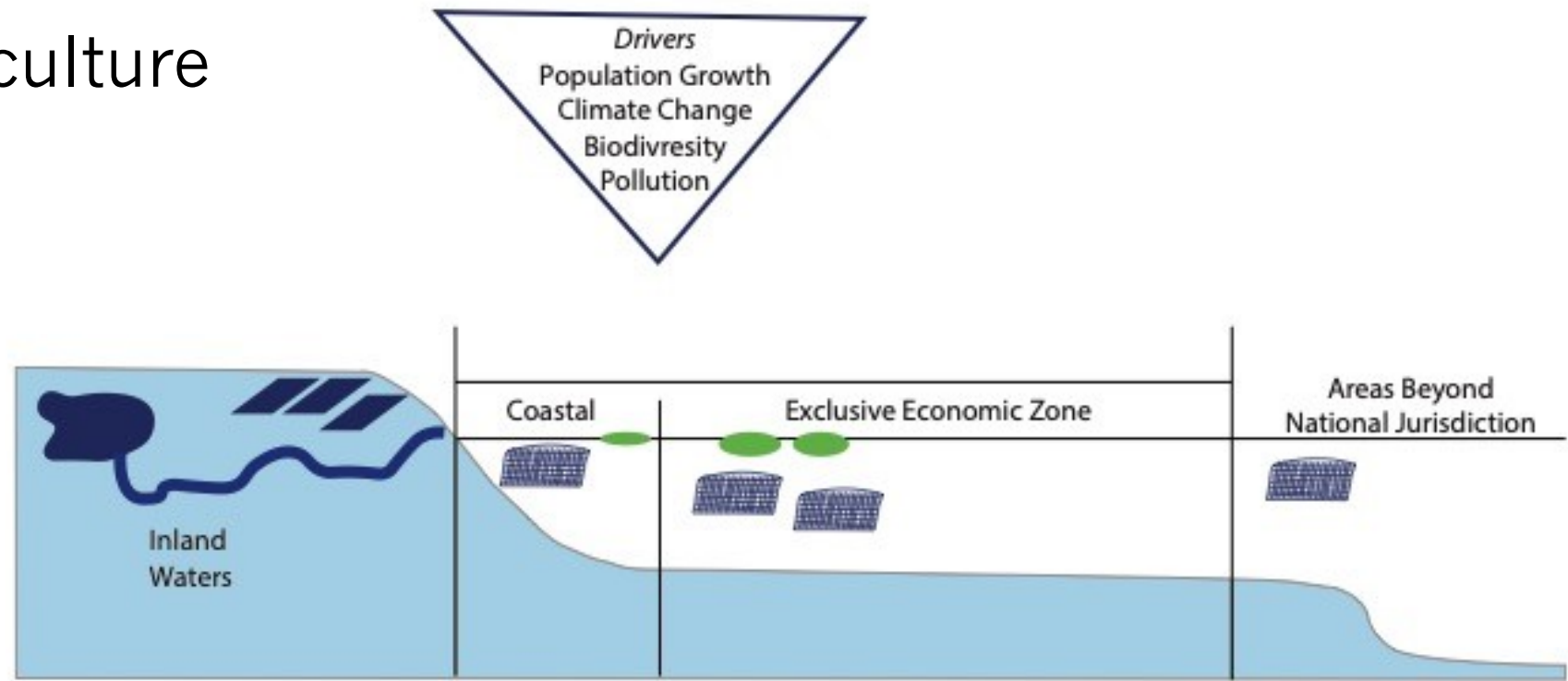- **Oceans Issues**, including CC Adaptation, Ocean Pollution, Biodiversity
- **Fish and Food Systems/Value Chains**
- **Blue Growth/Blue Economy** including a Blue Growth Network Secretariat
- International **Symposium on Fisheries Management** in November 2019

Fisheries & Aquaculture Future Project Directions

Drivers
Population Growth
Climate Change
Biodivresity
Pollution

Coastal

Exclusive Economic Zone

Areas Beyond National Jurisdiction

Inland Waters

Major Project Developments

Governance

IUU Fishing, Global Record PSMA, RFMOs

Blue Communities, Value Chains, SIDS, Migration

Aquaculture

Key Elements in Projects

Statistics   Socio-economic   Food Safety   "Great Divide"
                  rights
                  gender
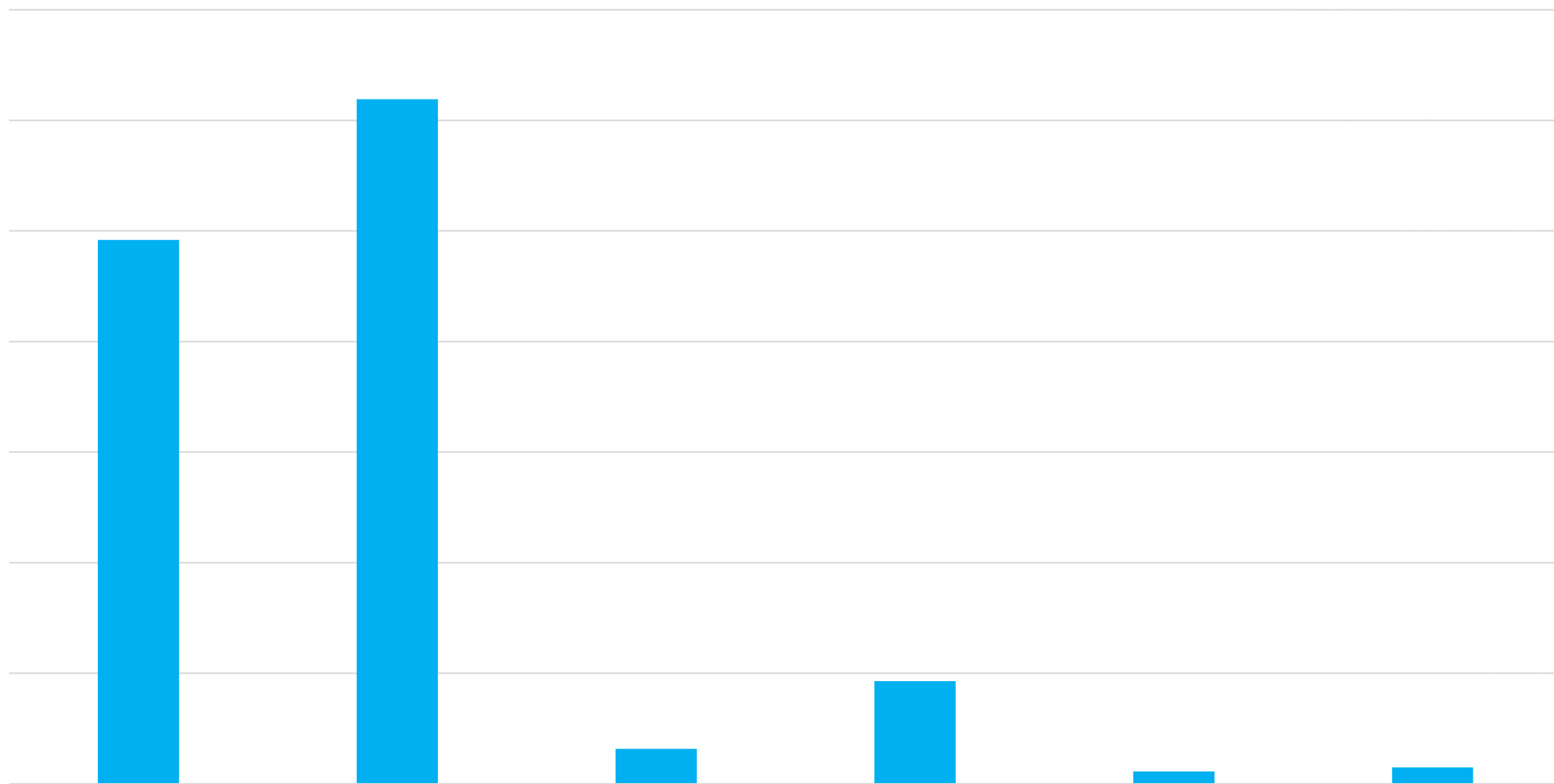   youth
                  livelihoods

FI MAJOR PROJECT PIPELINE (not incl IUU)

- **Fish4ACP** – 10 value chains in 3 regions (EU-EDF11 funding)
- **GEF7**
  - *Common Oceans Programme* – multi-partner (less funds)
  - *Black Sea* – possibly partnering with WB
  - *Mediterranean Sea* – partnering with UNEP, possibly WB
  - *Caribbean* (2) – one with CAF
  - *LMEs* – Canary Current, Gulf of Guinea
- **Zambia** – AFDB – aquaculture
- **Lake Victoria** Basin Authority - EU
- **Korea** – SIDS value chains, habitat restoration
- **Japan** – Africa EAF, IUU
- **Canada** – West Africa & Caribbean -climate change and gender

THANK YOU

Major Tools and Datasets

- Globefish – Fish market data and analysis - http://www.fao.org/in-action/globefish/en/ - 35 years old.

  - ✓ Country profiles on fish trade

  - ✓ Border rejections – EU, USA, Canada, Japan

  - ✓ Price reports (EU and now China)

  - ✓ Market reports by species

  - ✓ SPS and TBT alerts (pending)

- Food loss and waste repository - http://www.fao.org/flw-in-fish-value-chains/en/ - 2 days old

  - ✓ Loss scenarios – all stages of value chain

  - ✓ Solutions – at various levels e.g. policy, VC actors,

Current Projects involving FIAM

1. FAO Globefish (MTF/GLO/625/MUL)
2. Coordinating the national food safety system for fishery products in Ukraine to move towards harmonization with the EU (GCP/UKR/003/NOR)
3. Guidance on reduction of food losses in fisheries (GCP/GLO/721/NOR)
4. Technical assistance to the Zambia Aquaculture Enterprise development Project (UTF/ZAM/077/ZAM) – Food safety component
5. Technical Assistance Support Project to the Angola Fisheries Sector Support Project (UTF/ANG/056/ANG) – Post harvest components
6. Appui à l'amélioration de la mise en marchés des produits halieutiques à São Tomé e Príncipe (TCP/STP/3603) – Post harvest components
7. Mejora de la cadena de valor de la pesca artesanal en Guinea Ecuatorial (TCP/EQG/3602) - Food safety / post harvest components
8. Strengthening College of Marine Science and Technology, Massawa, Eritrea (TCP/ERI/3601 / TCP/ERI/3402) – Food safety laboratory
9. Strengthening capacities, policies and national action plans on aquatic AMR (FMM/RAS/298/MUL) – food safety and mitigation
10. Piloting Sustainable Fish Value Chains with Extended Shelf-Life Products |(TCP/MIC/3604)
11. Mediterranean Aquaculture Integrated Development – MedAID (GCP /INT/273/EC)
12. Improved fisheries management for sustainable use of marine living resources in the face of changing (GCP /INT/228/JPN) – traceability and certification aspects
13. Elaboración de estrategias para la inclusión del consumo de pescado en las meriendas escolares (GCP/INT/3605)

2020-2025

14. Intra-ACP blue-growth programme for Sustainable Fisheries and Aquaculture Value Chains (ACP-SFVC)

Major Tools and Datasets to Work with

- **EAF Toolbox –** for the Ecosystem Approach to Fisheries (EAF) management planning and implementation (fact sheets, tools, steps and activities, management option evaluation and selection etc)

- **Stock Status Assessment Package (SRAplus)** for data limited fisheries – for FAO's global assessment and monitoring programme of marine fish resource status (SOFIA, SDG14.4.1)

- **Fishery Performance Assessment Tool (FPAT)** for the Costal Fisheries Initiative project – To evaluate the triple-bottom-line performance of a fishery

- **Shark Identification Tools (iSharkFin)** - an expert system that uses machine learning techniques to identify shark species from shark fin shapes (facilitate species identification for implementation of CITES regulations)

Datasets:

- Fish species catalogue, global fish catch and effort data, stock status data, VME data etc

Major Tools

- **FAO Committee on Fisheries** (COFI)
- **Code of Conduct for Responsible Fisheries** (CCRF)
  - IPOAs
- **Voluntary Guidelines**
  - Securing Sustainable Small-Scale Fisheries
  - Responsible Governance of Tenure of Land, Fisheries and Forests
  - Responsible Agricultural Investment
- **FAO Adaptation Toolbox**
  - Climate change adaptation measures in fisheries and aquaculture (roadmaps, national climate policies)
- **FAO Toolkit on nutrition-sensitive agriculture and food systems**
  - Compendium of Indicators for nutrition-sensitive agriculture
- **Data: Fish consumption, production**
  - FAO State of Food Security and Nutrition in the World
  - FAO State of Fisheries and Aquaculture

R Metzner

Current Projects - FIAP

1. TCP/STL/3601/C1 Assistance with the **development of Fishery Policy**

2. MTF /GLO/923/MUL **1995 UN Fish Stocks Agreement Part VII**

3. TEMP/INT/922/MUL Margarita Lizarraga Memorial Award

4. GCPA/INT/339/SWE **Small-scale Fisheries** Communication and Outreach

5. GCP /GLO/576/USA Cooperative Agreement on U.S. Support for Fisheries and Aquaculture Department Activities

6. GCP /GLO/645/NOR Enhancing the contribution of **small-scale fisheries** to food security and sustainable livelihoods: FAO SSF Guidelines Implementation Support Project

7. GCP /GLO/959/NOR Support member countries implement **climate change adaptation measures** in fisheries and aquaculture.

8. GCP /GLO/965/SWE Creating an enabling environment for securing sustainable **small-scale fisheries**

9. GCP /GLO/990/ROK Support to global consultations to developing **sustainable aquaculture guidelines**

10. GCP /INT/037/ROK Promotion of **Responsible Fisheries Management**

11. GCP /INT/228/JPN **Improved fisheries management** for sustainable use of marine living resources in the face of changing systems

12. GCP /INT/228/JPN BABY01 **Sustainable Fisheries**

13. GCP /INT/228/JPN BABY02 **Impact of Climate Change** on Fisheries and Aquaculture

14. GCP /INT/228/JPN BABY03 **Tuna Regional Fisheries Management Organizations**

15. GCP /SLC/015/EC Support to the establishment of a **regional fisheries management organization for the WECAFC area**
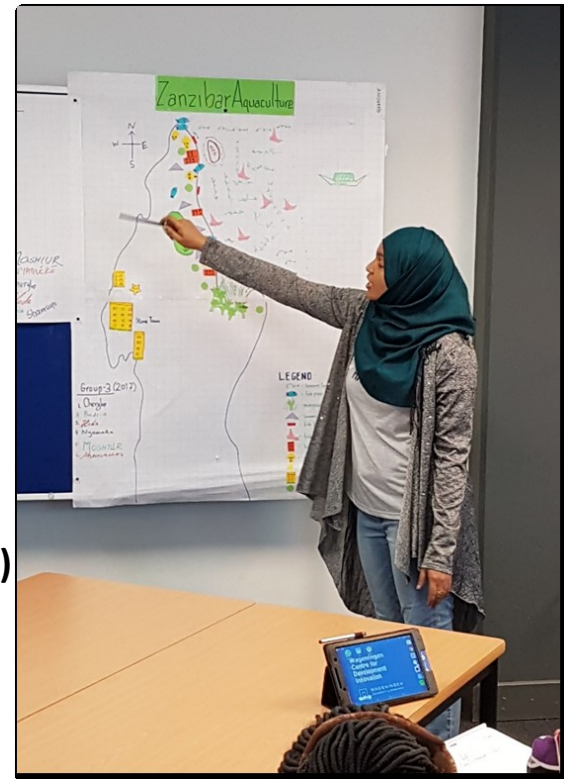
R Metzner

Major tools and datasets

Policymaking and sector management

- **National Aquaculture Sector Overview (NASO)**:
  www.fao.org/fishery/collection/naso/en

- **NASO maps collection**:
  www.fao.org/fishery/naso-maps/naso-home/en

- **National Aquaculture Legislation Overview (NALO)**:
  www.fao.org/fishery/collection/nalo/en

- **World Aquaculture Performance Indicators (WAPI)**:
  www.fao.org/fishery/statistics/software/wapi/en

Farm management and business planning

- **Cultured Aquatic Species Fact Sheet collection**:
  www.fao.org/fishery/collection/cultured-species/en

- **Aquaculture Feed and Fertilizer Resources Information System (AFFRIS)**:
  www.fao.org/fishery/affris/en

- **Simple Methods for Aquaculture**:
  www.fao.org/tempref/FI/CDrom/FAO_Training/Start.htm

- **User-Friendly Tool for Investment Decision Making in Aquaculture (UTIDA)**
  www.fao.org/fishery/statistics/software/utida/en

- **Bioeconomic modelling of fish farming operation**:
  www.fao.org/3/i8442en/I8442EN.pdf

Projects

I. Azerbaijan, Republic of

TCP/AZE/3702/C2 - TCPF: Assessment of state-owned fish farms for sustainable development of the aquaculture sector

18 Sep 2018 - 17 May 2019

Budget USD 46.000

Objective: To assess 12 state-owned fish farms and make recommendations for efficient management

II. Central Asia (Azerbaijan, Kazakhstan, Kyrgyz Republic, Tajikistan, Uzbekistan)

TCP/SEC/3701 – Improved technical capacity of fish farmers and authorities on fish feed development in CA

Objective: To improve capacity of fish farmers and relevant authorities in Central Asia

01 Jan 2019 - 30 Jun 2020

Budget USD 351,000

III. Kyrgyz Republic

GCP/KYR/012/FIN - Towards Sustainable Aquaculture and Fisheries Development in the Kyrgyz Republic

Objectives: The Project aims is to revive inland fishery and aquaculture in the Kyrgyz Republic and contribute towards sustainable management of ecosystem services of Issyk-Kul lake to increase national fish production and strengthen Right to Food

01 Jan 2014 - 31 Mar 2020

Budget USD 2,528,931

Global
Economy

National
Economy

Blue
Economy

FAO expertise:
Fisheries,
Aquaculture,
Value Chains