



# Developing a Regional Collaboration Network

SRI LANKA PERSPECTIVE

# Need for collaboration

- Exchange expertise knowledge and experience
- Share the issues and seek solutions
- Training & Capacity Building
  - Aquaculture
  - Fishing technology
  - Biotechnology
  - Boat building
  - Marine engineering
  - Socioeconomics



# Potential areas for collaboration

## ➤ **Joint oceanographic studies**

Studies related to ensuring safety and security such as weather forecasting, identifying extreme weather events, providing information for fishing vessels, etc. These can be done jointly, mainly focused in the BOB area where most of the impacted weather events are generated.

## ➤ **Sustainable energy management**

Energy efficient engines , use of renewable energy,— this can be done through technology transfer

## ➤ **Fishing ground forecasting**

Sharing on time satellite data

# Potential areas for collaboration – Contd.

- **Adaptation and mitigation of climate change impacts**  
Joint research focused on low carbon emission fishing crafts, introduction of temperature resistance species for aquaculture, salinity tolerance species etc.
- **Reducing by-catch**
- **Hatchery techniques**
- **Pearl Oyster culture**
- **Social Protection and fishers' wellbeing**



# Potential Institutes and Universities in Sri Lanka for collaboration

- ▶ National Aquatic Resources Research and Development Agency (NARA)
- ▶ National Aquaculture Development Authority (NAQDA)
- ▶ Ocean University of Sri Lanka
- ▶ Wayamba University of Sri Lanka
- ▶ University of Jaffna
- ▶ University of Ruhuna
- ▶ Eastern University of Sri Lanka
- ▶ University of Sri Jayewardenepura
- ▶ University of Kelaniya

# Existing Frameworks for facilitating collaboration and experience sharing in Sri Lanka

- ▶ **Annual research symposia** – Organized by Research Institutes, Professional Associations, Universities
- ▶ **Publication of Journals**
  - Journal of NARA, Journal of the NSF, University journals
- ▶ **Societies**
  - Sri Lanka Association for Fisheries and Aquatic Resources
  - Sri Lanka Forum for Small Scale Fisheries
  - Sri Lanka Association for Advancement of Science
- ▶ **Collaboration among Institutes, Universities and Ministry of Fisheries**
  - Providing guidance and research facilities for postgraduate and undergraduate students
  - Conducting joint research and training programmes
  - Providing necessary recommendations
  - Assisting in governance



# Expected outcome and application

- ▶ Improving human resource capacity
- ▶ Enhancing Aquaculture production
- ▶ Sustainable utilization of resources especially offshore fishery resources through sharing of sustainable practices
- ▶ Adaptation to climate change impacts
- ▶ **Securing environmentally, economically and socially sustainable fishery sector in the region**

Thank You