

SESSION 3: Earth Observation for Fisheries and Aquaculture

Voluntary Sustainability Standards (VSS) and certifications in Fisheries

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Centre for International
Migration and Development

a joint operation of GIZ and the
German Federal Employment Agency



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Requirements of VSS

- Requirements are specified for each of three areas:

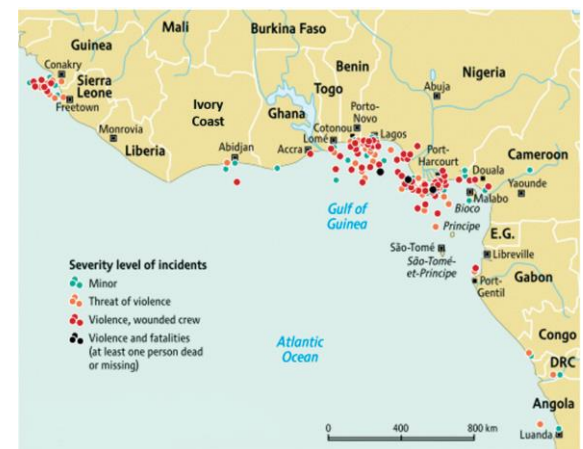
- The **management** systems
- The **Stock under consideration**
- **Impacts** of the fishery on the ecosystem



Collection, maintenance and assessments of adequate **data**

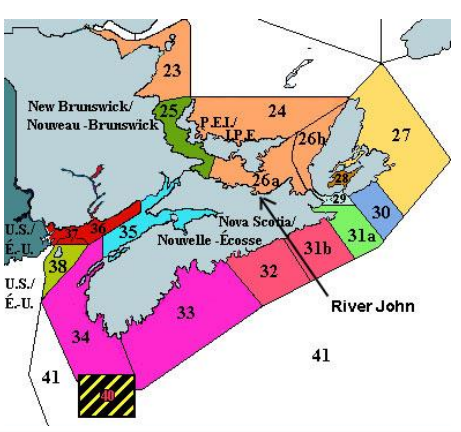


- **Best scientific evidences** for conservation and management measures
- **Monitoring, surveillance, control and enforcement**
- **Protection of stocks** and preservation of the environment



- Illegal fishing
- Decline in catch
- Pirate attack
- Reduction in Fishing Vessel

- Indigenous right
- Empowerment
- Access to commercial lobster fishery



Case study

Shrimp fisheries in East Central Atlantic region of Nigeria

Theory of change

Supporting Mi'kmaw Indigenous leadership in the development of Indigenous certification for the lobster commercial fishery in the Atlantic Nova Scotia, Canada



The Robin Rigby Trust

• External factor

- Illegal fishing
- Pirate attacks
- Conflict btw artisanal & Industrial fishing
- Fishing zone and fish aggregation

Earth Observation

- Cost of certification
- Market access
- Governance and access
- Data monitoring

- Adequate lobster monitoring
- Fishing right and access