



*Mundus
maris*

Empowerment of Small-Scale Fishers can take many forms

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Livelihoods need improving – how?



<https://www.youtube.com/watch?v=DbcjY5PDUuc>



What is it?

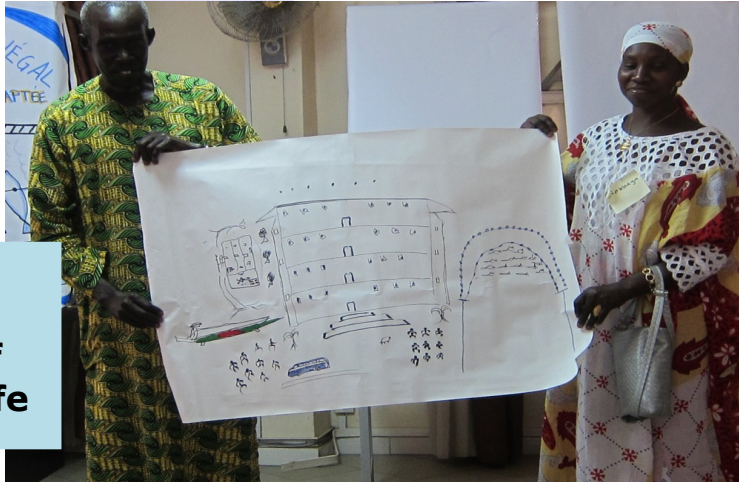
The Small-Scale Fisheries Academy is a safe multi-actor platform for respectful dialogue, joint learning, co-creation of knowledge and innovation for the recovery, protection and sustainable use of marine and coastal resources and prosperous artisanal fisheries.





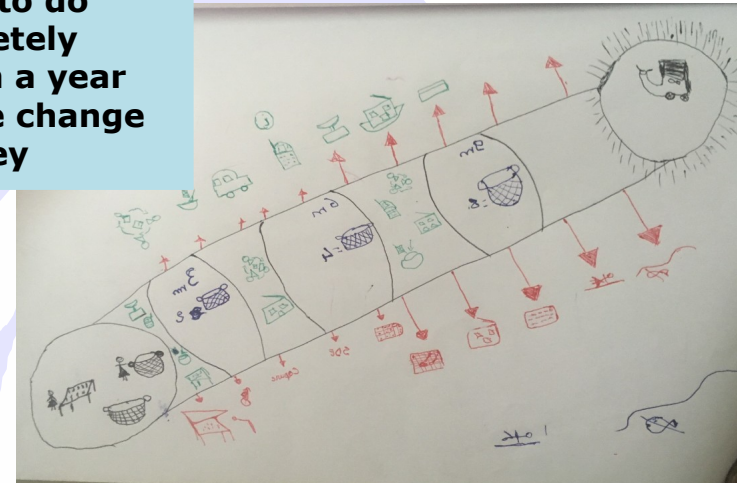
How does it work?

The Small-Scale Fisheries works with a learning by doing approach, testing inclusive and active adult education based on the conception of an ecology of knowledges proposed by Boaventura de Sousa Santos and organised through a social behaviour change communication strategy. The concept borrows from Paulo Freire's vision of dialogue and the so-called "Gender Action Learning System" (GALS) developed by Linda Mayoux. It is brought to life by visual thinking and facilitation led by Maria Fernanda Arraes Treffner.



Starting with a vision of happy life

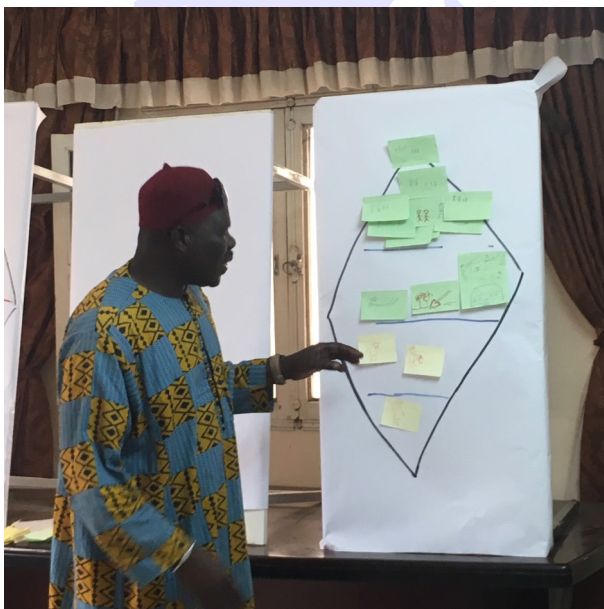
What to do concretely within a year on the change journey



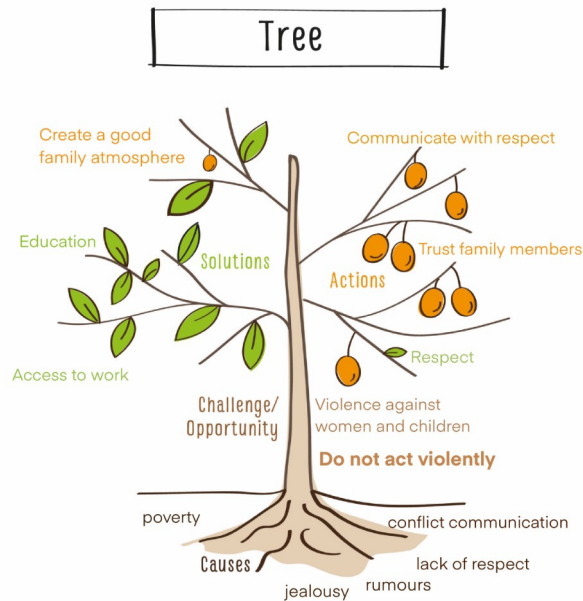


Towards gender equity

Respectful dialogue using such graphical teaching and learning aids allows to discuss even sensitive topics, formerly considered taboo, such as violence in the family and gender equity.



Diamond of good and not so good features, men

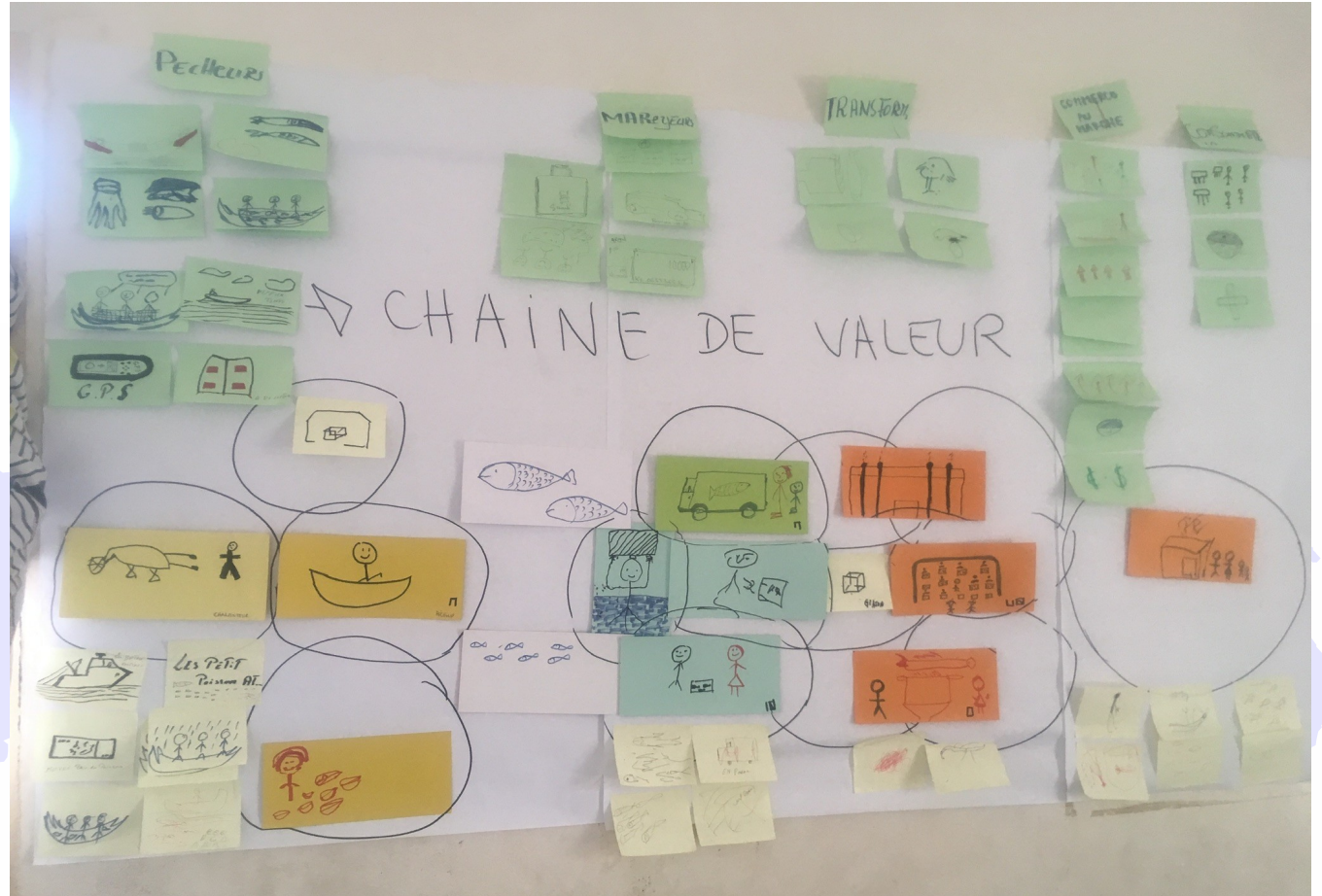


Diamond of good and not so good features, women



Value chain analysis

Identifying opportunities (green) and challenges (yellow) within the existing value chains helped to find possibilities for improvements acceptable to all concerned.





Resilience and promoting recovery

Times of crisis like the covid pandemic coming on top of existing difficulties such as overfishing exacerbated by climate change, growing space competition with the tourism and fossil fuel extraction industries provoke erosion of social status and cohesion. They also stimulate demand for innovation, diversification, co-management and improved social infrastructure.



Women traders displaced in Hann, Senegal, into precarious conditions for industrial infrastructure



Participation of women and men concerned in the Hann Fisheries Commission in search of solutions



Ecosystem approach to fisheries

Know your rights and know the rules:

- many fishers are unaware of their rights
- we facilitate learning in local languages e.g. video about the Small-Scale Fisheries Guidelines in Wolof
- we emphasise putting principles into practice, starting with a teaching kit about the ecosystem approach to fisheries
- one element is letting fish grow to reproduce to enjoy fish for ever - a fish ruler indicating minimum length is a help
- at least equally crucial is to advance on co-management. When low impact, artisanal fishers – men and women – have a say at the table, fisheries are better managed and more productive.

Field work at the landing

Let us visit a landing site near our school and find out more about fishing and the fishes.

This is the way to measure a fish. First, lie the fish on its side with its mouth shut.

To measure the total length, the tail must be closed like this.

A. Measurement must be taken with the fish lying on its side and the mouth shut.
B. For measurement of total length, the tail must be closed as shown.

8



Round sardinella

Sardinella aurita

Size (Length)

First Maturity



1m 21.4,
range 16 - 29 TL

Optimum Length



23.0 TL

Maximum Length



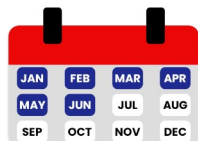
41.0 TL

Vulnerability^Q



Moderate (37 of 100)

Spawning Period



Distribution

Atlantic Ocean: West African coast (Ref.
2849, 350)

More Info

FishBase Guide App innovation

Fish rulers need to be done by country – lots of work.

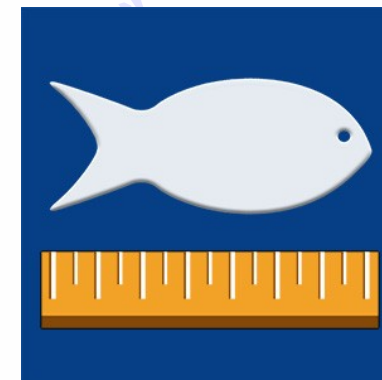
We therefore developed the **FishBase Guide App** for mobile phones with simple visual information. It works in any country thanks to simplified access to a global database on all fish in the world.

Available for free at the Google Play Store for android systems:

<https://play.google.com/store/apps/>

Chose the country and type in a common name in any language

The App gives you a picture of the fish, key length measurements and a visual indication of the vulnerability of the species and a link to FishBase if you want to know more.





Thanks for your attention

Join us and let's continue together! How can we support your efforts?

More Info:

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