

Reporting Questions

Reporting period October - December 2023

- What are your 3 Key Performance Indicators as agreed between you and Kate/Kali?
 - 1) Number of fishing vessels participating in the experiment: 8
 - 2) Number of fishings sets observed: 320
 - 3) Number of participants in the events to share results (fishers, managers, researchers, companies): 100

Project Progression:

- How are you progressing against KPI 1:
 - Not Started
 - Started but delayed
 - On track
 - Ahead of the plan
 - Completed

Explain Your answer above

By the Q2 the KPI 1 set was 4, and so far we had 3 vessels from Peru participating in the project. There is also interest in Ecuador, however in December the piracy situation and the death of several fishers from San Mateo did not allow us to start with the experimental fishing trips. Situation of insecurity in the fishing caves of Ecuador is a very concerning issue, in December 2023 we planned the site-visit of the technical team of the project (WWF Peru and Ecuador, IMARPE, IPIAP and SRP) but unfortunately in this dates fishing organization of San Mateo that will be testing the inverted-t was victim of a piracy attack and the pirates killed 10 fishermen. So, during the month of December the fishing activities were stopped in San Mateo and the project activities were reprogrammed for January 2024.

- How are you progressing against KPI 2:
 - Not Started
 - Started but delayed
 - On track
 - Ahead of the plan
 - Completed

Explain Your answer above

Our goal for this quarter was 50 observed fishing sets and we had 73 fishing sets.

- How are you progressing against KPI 3:
 - Not Started
 - Started but delayed
 - **On track**
 - Ahead of the plan
 - Completed

Explain Your answer above

Our indicator is to share information on the results of the project, but we are just beginning the tests. However we had been sharing about the project idea in many different meetings and also in the field (Paita in Peru and San Mateo and Manta in Ecuador). By the end of the second quarter we had exposed the project to a total of 94 people.

- Have you secured any additional financial or technical support? Explain your answer

Yes, additional technical support

Yes, we are collaborating with the government, with the fishing gear specialists and top predators specialists from IMARPE in Peru, and also with the director of the IMARPE Marine Lab in Paita. Dr Martin Hall has also joined our initiative to give us advice.

In Ecuador, we got technical assistance from Conservation MahiMahi, a national NGO that promotes the Mahimahi FIP in Ecuador. Also, we got the support of the National Fishing Authority as they are collaborating with technical support from 4 technicians and with the National Fishing Observers Program of the longline fleet. In December the IPIAP (National Research Institute of Aquaculture and Fisheries) got involved in the project with the delegation of the fishing gear specialists (two technicians).

Yes, additional financial support

A project for turtles and cetaceans in Peru supported by WWF Germany supported with 1,022 USD

- How much of your budget have you spent to date?
30,210 EUROS

- How are you planning for the sustainability of this project?

We had involved the government (IMARPE), mahi mahi fishing associations and exporting companies in Peru, and in Ecuador we had involved the national fishing authority, the National Research Institute of Aquaculture and Fisheries (IPIAP in Spanish), and exporting companies that can continue this initiative as part of their FIP.

- Which stakeholders outside WWF have you engaged with as part of this project this quarter? how many?

Fishers: 6 from Artisanal Fishing Association “20 de Septiembre” (Ecuador), 18 crew members of 3 fishing vessels from Paita (Peru)

Government: 8 from IMARPE (Peru): from the Fishing Gear Area and the Top predators Area in the Lima office and 1 from the Paita Marine Lab; 5 from the Sub-Secretary of Fishing (Ecuador), 2 from Viceministry of Aquaculture and Fisheries (Longline Observers Program) and 3 from IPIAP (Ecuador)

Fishing companies staff: 9 from processing and exporting companies in Peru (Fernandez S.A.C, Océano Seafood, Sercosta, Produpesca, Mai Shi Gr, Seafrost

Esmeralda Corp, Marfrio Perú).

Others: 2 from Conservation Mahi-Mahi Fishery Improvement Project (Ecuador), 1 ex ITTC (US), 1 from Kagoshima University (Japan), 1 local consultant in Paita (Peru), 3 on-board observers in Peru

Total: 6+18+8+5+2+3+9+5+3 =59

- Which stakeholders inside WWF have you engaged with as part of this project this quarter? how many?

WWF Peru: 9, Shaleyla Kelez, Gilary Morales, Allyson Caballero, Angela Hernando, Piero Uceda, Giancarlos Rivas, Renato Gonzales, Mayra Asmat, Catherine Burga

WWF Ecuador: 3 , Fernando Rey and Paula Carrillo, Julian Hahne

Learning:

- Share the 3 most significant lessons you've learnt this quarter
 - Co-designing the inverted T version for the longline fishery of Peru with the fishers from Paita has empowered fishers in looking for solutions
 - It a live experiment: we are doing little changes to improve the performance of the modification (inverted T) and make the fishing labor

- easier
 - In Ecuador, the methodology will be based on citizen-science, as fishermen will be part of the design and they will collect the information on board. This is a very cost-effective design and will empower the community with the project and will help to scale up the results.
- Have you learnt anything that would alter the course of your project? Do your original assumptions still hold true?
 1. Yes. Talking to fishers, we realized that they already make innovations in the fishing gears. If someone makes an improvement that works, everyone replicates the modification. So our project will have good expectations to scale-up if it demonstrates that the inverted T works properly.
 - Yes
- How have you applied what you learnt in the past quarter?

Yes. We have adjusted the budget to include the new expenses
- Have you shared your learning? Please explain and include links to any materials you've created

No. We are In the process of creating material

Impact:

- Have you seen any conservation impact related to your project? Explain.

Yes, in Ecuador fishers are eager to participate in the project
- Have you seen any other type of impact related to your project? Explain

No

Team and Culture:

- How would you rate your team's ability to innovate?

Excellent. Having IMARPE (Peru) fishing gear specialists and the experts on on-board observations from Ecuador in our team is an incredible gain. Also, the on-board observers and field coordinator in Paita are doing a great job obtaining feedback from fishers testing the modification.
- How supported has your team felt in their project delivery by the Innovation@WWF Team?

Very supported
- What support do you need?

One meeting to talk again about the situation in Ecuador
- How would you rate the training/ workshops you received as part of this programme?

Good