

FIP Progress

Fishery Improvement Program for Suriname corvina and acoupa weakfish driftnet and trawling

- An agreement between private parties to work together to achieve a "certifiable" status for a given fishery in collaboration with public parties (the government)
- In the case of the Suriname finfish fisheries, the starting point of the FIP has been on a US importer (Sea-Delight), a Surinamese producer (Deep Sea Atlantic) with the technical assistance of CeDePesca
- The FIP is open to other interested parties

Center for Development and Sustainable Fisheries (CeDePesca)



- Latin American non-profit organization.
- Since 1997 helping fisheries to achieve sustainability
- Currently, with projects in Brazil, Argentina, Mexico, Panama, Peru, Chile, Suriname and Vietnam
- These projects include research, extension, policy proposals, training, interaction with the production chain and governments

- Demersal finfish fishery in Suriname = multispecies fishery
- As starting point, the FIP focusses on corvina
 (kandratiki) and acoupa
 weakfish (bangbang)
 because of their commercial importance
- The FIP includes both the trawling and the driftnet fleet that targets those species





- The first step was to understand the strengths and weaknesses of the fishery through a pre-assessment against the standard of the Marine Stewardship Council. The pre-assessment reflects the situation by the end of 2019.
- The MSC fisheries standard is a set of criteria and indicators that is internationally recognized and used to assess if a fishery is well-managed and sustainable
- The pre-assessment has led to a 5-year FIP action plan



FIP Action plan

- Detailed 5-year action plan; started in October 2020
- **5 main actions**, each with specific tasks
- Two complementary actions
- Actions linked to MSC Indicators with the aim to improve the scores



FIP Action plan

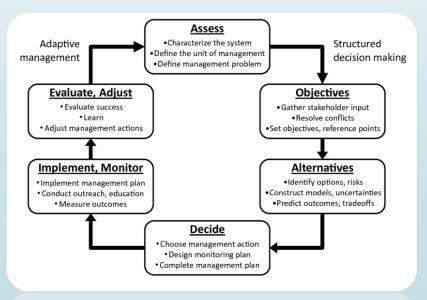
| | Suriname corvina and acoupa weakfish driftnet and trawling FIP | MSC | Minimum | | Yea | er 1 | | | Yea | ar 2 | | | Yea | ar 3 | | | Yea | er 4 | | | Yea | ır 5 | | |
|---|---|----------------|--------------------------|----------|-----|------|----------------|-----|-----|------|-----|-----|------|------|------|------|----------|------|------|----------|----------|----------|-----|----------|
| Ī | Action Plan updated by CeDePesca 07 October 2020 | Indicators | stakeholders involved | 001 | 002 | 003 | 004 | Q05 | 900 | 007 | 008 | 600 | 0,10 | Q11 | 0,12 | 0,13 | 0.14 | 0,15 | 0,16 | 0,17 | 0.18 | 0,19 | 020 | |
| П | Action 1. Adopt Management Plans for the driftnet fish | hery and the t | rawling fishery | | | | | | | | | | | | | | | | | | | | | L |
| П | Task 1.1. Participate from the consultation process | | FIP partners | | | | | | | | | | | | | | | | | | | | | T |
| | to update the Fishery Management Plan (2014- | | | | | | | | | | | | | | | | | | | | | | | ı |
| | 2018). | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | l |
| Н | Task 1.2. Determine short and long-term | 1 | Ministry of | | | | | | | | | | | - | | ┢ | \vdash | | | \dashv | \dashv | \dashv | _ | ╁ |
| | management objectives for the driftnet fishery and | | LVV | | | | | | | | | | | | | | | | | | | | | l |
| | the trawling fishery. The objectives must be | | FIP partners | | | | | | | | | | | | | | | | | | | | | l |
| | measurable and must reflect the goals of | | TH partiters | | | | | | | | | | | | | | | | | | | | | l |
| | recovering the stocks within a specific timeframe | | | | | | | | | | | | | | | | | | | | | | | l |
| | and of keeping them at levels consistent with | | | | | | | | | | | | | | | | | | | | | | | l |
| | their maximum sustainable yield. An objective | | | | | | | | | | | | | | | | | | | | | | | l |
| | related to the interaction with the ecosystem must | | | | | | | | | | | | | | | | | | | | | | | l |
| | also become available | | | | | | | | | | | | | | | | | | | | | | | |
| П | Task 1.3. If an initiative arises to modernize the |] | FIP partners | | | | | | | | | | | | | | | | | | | | | Г |
| | Sea Fisheries Act of 1980, then ensure that it | | | | | | | | | | | | | | | | | | | | | | | L |
| | explicitly states clear long-term management | | | | | | | | | | | | | | | | | | | | | | | L |
| | objectives consistent with the sustainability of | | | | | | | | | | | | | | | | | | | | | | | L |
| Ш | fisheries and the use of the precautionary | | | | | | | | | | | | | | | | | | | | | | | L |
| | Task 1.4. Conduct a consultation process among | | Ministry of | | | | | | | | | | | | | | | | | | | | | l |
| | fishery stakeholders (including fishers) to discuss | | LVV | | | | | | | | | | | | | | | | | | | | | l |
| V | a harvest control rule for the fisheries. The | 3.1.3, 3.2.1, | FIP partners | | | | | | | | | | | | | | | | | | | | | l |
| | harvest control rule might be simple, but must be | 3.2.2, 3.2.3, | Fishers | | | | | | | | | | | | | | | | | | | | | l |
| 1 | pre-agreed by stakeholders and must respond to | 3.2.4 | | | | | | | | | | | | | | | | | | | | | | 1 |
| Н | changes in the status of the stocks. | | | \vdash | | | $\vdash\vdash$ | | | | | | | | | | | | | | | | | \vdash |
| | Task 1.5. Design and implement a monitoring | | Ministry of | | | | | | | | | | | | | | | | | | | | | ı |
| Н | process that would allow for the implementation | ı | LVV | l | I | | | | | | | | | | 1 | 1 | 1 | | | | | | | 1 |

ACTION 1

Adopt management plans for the driftnet fishery and the trawling fishery

GOAL: Achieve the adoption of management plans for each fishery by Year 4, including explicit short- and long-term objectives, harvest control rules, monitoring mechanisms and

consultation processes.



| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | ır 1 | | | Yea | ır 2 | | | Yea | r 3 | | | Yea | r 4 | | | Yea | ır 5 | |
|--|-------------------|-------------------------|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| driftnet and trawling FIP | indicators | involved | Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 | Q08 | Q09 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Action 1. Adopt Management Plans for the driftnet fish | ery and the tr | awling fishery | | | | | | | | | | | | | | | | | | | | |
| Task 1.1. Participate from the consultation process to update the Fishery Management Plan (2014-2018). | | FIP partners | | | | | | | | | | | | | | | | | | | | |

- Representatives from FIP partners participated in consultation process for update of Suriname's Fisheries Management Plan 2021-2025
- FMP 2021-2025 **endorsed** by Minister and fishing sector representatives on 3 March 2021
- ► FMP 2021-2025 in line with **sub-regional management strategy** for North-Brazil Guianas Shelf, developed with support of regional partners (WECAFC, CRFM, FAO)

| Suriname corvina and acoupa weakfish driftnet and trawling FIP | MSC Indicators | Minimum stakeholders | 1 | Yea | | 4 | 15 | | ar 2 | 8 | 6 | Yea | | 2 | 8 | Yea | | 9 | 7 | Υea | | 0 |
|---|-------------------|-------------------------|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | involved | Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 | QO | 600 | Q10 | Q11 | Q1 | Q13 | Q1, | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Action 1. Adopt Management Plans for the driftnet fish | ery and the tr | awling fishery | | | | | | | | | | | | | | | | | | | | |
| Task 1.2. Determine short and long-term management | | Ministry of LVV | | | | | | | | | | | | | | | | | | | | |
| objectives for the driftnet fishery and the trawling fishery. | | FIP partners | | | | | | | | | | | | | | | | | | | | |
| The objectives must be measurable and must reflect the | | | | | | | | | | | | | | | | | | | | | | |
| goals of recovering the stocks within a specific timeframe | | | | | | | | | | | | | | | | | | | | | | |
| and of keeping them at levels consistent with their | | | | | | | | | | | | | | | | | | | | | | |
| maximum sustainable yield. An objective related to the | | | | | | | | | | | | | | | | | | | | | | |
| interaction with the ecosystem must also become | | | | | | | | | | | | | | | | | | | | | | |
| available. | | | | | | | | | | | | | | | | | | | | | | |

- ► FMP 2021-2025: "fishing effort should be in line with status of stocks"
- In absence of stock assessment: effort should **not exceed** the 2020 level
- FMP 2021-2025 will be screened against MSC standard to evaluate whether more specific and measurable management objectives are needed (e.g. fishery specific FMP)

| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | ır 1 | | | Yea | r 2 | | | Year | r 3 | | | Yea | ır 4 | | | Yea | r 5 | |
|--|-------------------|-------------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|------------|-----|-----|-----|------|------------|-----|-----|-----|-----|
| driftnet and trawling FIP | indicators | involved | Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 | 008 | 000 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Action 1. Adopt Management Plans for the driftnet fish | ery and the tr | awling fishery | | | | | | | | | | | | | | | | | | | | |
| Task 1.3. If an initiative arises to modernize the Sea | | FIP partners | | | | | | | | | | | | | | | | | | | | |
| Fisheries Act of 1980, then ensure that it explicitly states | | | | | | | | | | | | | | | | | | | | | | |
| clear long-term management objectives consistent with | | | | | | | | | | | | | | | | | | | | | | |
| the sustainability of fisheries and the use of the | | | | | | | | | | | | | | | | | | | | | | |
| precautionary approach. | | | | | | | | | | | | | | | | | | | | | | |

- Suriname sea fisheries legislation was updated in 2016-2017 with support of FAO but remains in draft
- Currently two consultants are hired by FAO to screen the draft act, finalize it together with the Fisheries Department and consult with stakeholders
- ► FIP partners to participate in the consultation process with support of Cedepesca

| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | r 1 | | | Yea | r 2 | | | Year | 3 | | Y | ear 4 | | | Yea | ar 5 | |
|--|-------------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------------|-------|-----|-----|-----|------|-----|
| driftnet and trawling FIP | indicators | involved | Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 | Q08 | 000 | Q10 | Q11 | Q12 | Q13 014 | 015 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Action 1. Adopt Management Plans for the driftnet fish | ery and the tr | awling fishery | | | | | | | | | | | | | | | | | | | |
| Task 1.6. Strengthen the existing monitoring, control and | | Ministry of LVV | | | | | | | | | | | | | | | | | | | |
| surveillance mechanisms (including the sanctions system) | | FIP partners | | | | | | | | | | | | | | | | | | | |
| to ensure that the fishery is able to keep fishing mortality | | | | | | | | | | | | | | | | | | | | | |
| within the required values for stock rebuilding. | | | | | | | | | | | | | | | | | | | | | |

- New Fisheries Monitoring and Information System (FISMIS) has been deployed at the Fisheries Department with support of FAO, which allows for the integration of information on vessels, owners, licenses and landings
- Powerful platform for data collection but also to support fisheries Monitoring, Control and Surveillance

| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | r 1 | | | Yea | ır 2 | | | Yea | r 3 | | | Yea | ar 4 | | | Yea | ır 5 | |
|--|-------------------|-------------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|
| driftnet and trawling FIP | indicators | involved | Q01 | Q02 | Q03 | Q04 | 500 | Q06 | Q07 | Q08 | Q09 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Action 1. Adopt Management Plans for the driftnet fish | ery and the tr | awling fishery | | | | | | | | | | | | | | | | | | | | |
| Task 1.7. Set up a fishery follow-up committee for the | | Ministry of LVV | | | | | | | | | | | | | | | | | | | | |
| driftnet fishery and the trawling fishery that includes | | FIP partners | | | | | | | | | | | | | | | | | | | | . |
| representatives from each fishery. The committee should | | Fishers | | | | | | | | | | | | | | | | | | | | . |
| include researchers, fishers, industry representatives and | | | | | | | | | | | | | | | | | | | | | | . |
| government representatives. | | | | | | | | | | | | | | | | | | | | | | |

- In October 2020, a national Shrimp and Groundfish Fisheries Working Group was established by the Minister of LVV, including representatives from government, fishing sector (industrial and small scale) and WWF
- This WG will facilitate the installation of a committee for the FIP fisheries

| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | ar 1 | | | Yea | ır 2 | | | Yea | r 3 | | | Yea | r 4 | | | Yea | ır 5 | |
|---|-------------------|-------------------------|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------------|-----|-----|------|-----|
| driftnet and trawling FIP | indicators | involved | Q01 | Q02 | Q03 | Q04 | 500 | Q06 | Q07 | 008 | Q09 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Action 1. Adopt Management Plans for the driftnet fish | ery and the tr | awling fishery | | | | | | | | | | | | | | | | | | | | |
| Task 1.9. Explore/conform alliances with other fishery stakeholders, including NGOs working towards similar objectives in Suriname. | | FIP partners | | | | | | | | | | | | | | | | | | | | |

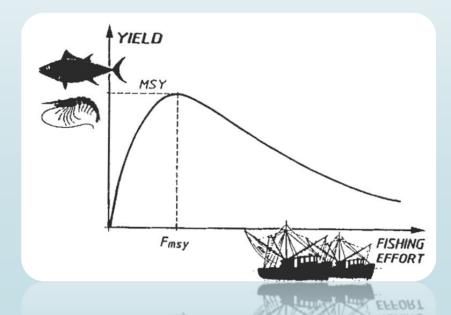
- First/FIP stakeholder meeting held in March 2021
- Three additional private sector partners in Suriname have expressed interest in joining the FIP – discussions for their inclusion are ongoing
- Partnership with Conservation International Suriname

ACTION 2

Implementing a data collection program to improve the quantity and quality of data used in stock assessments

GOAL: Ensure that data is sufficient to conduct LB-SPR stock assessments in an annual basis as of Year 2, and to feed more sophisticated stock assessments as envisioned by WECAFC as

of Year 3



| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | ar 1 | | | Yea | ır 2 | | | Yea | ır 3 | | | Yea | ar 4 | | | Yea | ar 5 | |
|--|-------------------|-------------------------|------|-----|------|------|-------|------|------|-----|-----|-----|------|-----|-----|-----|------|------------|-----|-----|------|-----|
| driftnet and trawling FIP | indicators | involved | Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 | Q08 | Q09 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Action 2. Implement a data collection program to impro | ove the quanti | ity and quality of | data | use | d in | stoc | k ass | essi | ment | ts | | | | | | | | | | | | |
| Task 2.1. Develop an at-port data collection program (includes the selection and training of data collectors, the design of data collection protocols, and preparing the materials and equipment needed to implement the program). | | FIP partners Fishers | | | | | | | | | | | | | | | | | | | | |

- New Fisheries Monitoring and Information System (FISMIS) has been deployed at the Fisheries Department with support of FAO, which allows for the integration of information on vessels, owners, licenses and landings
- ► FAO experts are currently supporting Suriname to revise the data collection methodology for artisanal fisheries

| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | ır 1 | | | Yea | ır 2 | | | Yea | r 3 | | | Yea | ır 4 | | | Yea | ır 5 | |
|---|-------------------|-------------------------|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|------------|-----|-----|------|-----|
| driftnet and trawling FIP | mulcators | involved | Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 | Q08 | Q09 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| Task 2.3. Encourage the reinstatement of the Ministry of | | FIP partners | | | | | | | | | | | | | | | | | | | | |
| LVV's onboard observers program for the trawling and | | Ministry of LVV | | | | | | | | | | | | | | | | | | | | |
| driftnet fisheries and the adoption of protocols consistent | | | | | | | | | | | | | | | | | | | | | | |
| with MSC Principle 1. | | | | | | | | | | | | | | | | | | | | | | |

- Government onboard observer program stopped in 2016 with the retirement of observers
- The Fisheries Department has employed two new onboard observers. Re-activation of observer program on hold due to COVID-19 but should start in Q3

ACTION A

Disseminating the FIP's progress among partners and other interested parties

GOAL: Ensuring that FIP partners are kept up-to-date with regards to the advance of the FIP, and that the fishing community in Suriname and abroad is aware of the FIP efforts and the achievement of its milestones



| Suriname corvina and acoupa weakfish | MSC Indicators | Minimum stakeholders | | Yea | r 1 | | | Yea | | | | ear 3 | | | Yea | | | | Yea | | |
|--|-------------------|-------------------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| driftnet and trawling FIP | mulcators | involved | Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 | 008 | Q09 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| COMPLEMENTARY ACTIONS | | | | | | | | | | | | | | | | | | | | | |
| Action A. Disseminating the FIP's progress among parti | ners and other | interested partie | ? S | | | | | | | | | | | | | | | | | | |
| Task A.1. Create a FIP profile at FisheryProgress.org. | | FIP partners | | | | | | | | | | | | | | | | | | | |
| Task A.2. Update the FIP profile at FisheryProgress.org, | N/A | FIP partners | | | | | | | | | | | | | | | | | | | |
| biannually. | | | | | | | | | | | | | | | | | | | | | |

- FIP profile online since November 2020
- Profile updated in May 2021
- FIP rating = "C Some recent progress"
- Expected to change to "A Advanced progress" with the publication of the national FMP (in English)

- Fisheryprogress.org
- <u>https://fisheryprogress.org/fip-profile/suriname-corvina-and-acoupa-weakfish-driftnet-and-trawl</u>



SELF ASSESSMENT

- FIP is making good progress, even in the context of COVID-19
- Favourable government context with willingness to improve management and involvement of regional and international organizations (e.g. FAO, WECAFC)
- ► FIP should strive to get support from a broad set of stakeholders both in artisanal and industrial fishery
 - Built critical mass of improvement-oriented fishery actors to change fishing practices
 - Ensure that the FIP is well-funded to expand its impact and conduct research-related activities

NEXT STEPS

- In the current reporting period (May October 2021) the FIP will continue focussing on the **year 1 activities** as presented
- As opportunities present themselves, progress towards other FIP tasks can be made
- A key aspect is increasing the support to the FIP by the inclusion of more FIP partners and supporters

FIP Progress

Thank You!

Questions??