



ABAL  BI



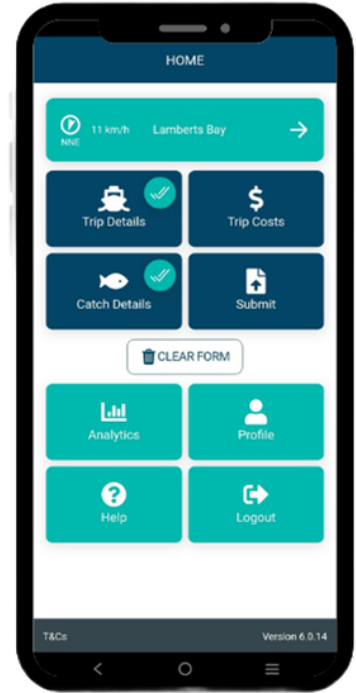
Elevating small-scale fisheries through traceability tech, market platforms & data

# Opportunity for change & fisheries rebuilding



ABALOBİ co-designs inclusive, community-led technologies that poise small-scale fisheries for ecological, economic and social sustainability. We believe in participatory fisheries rebuilding initiatives that consider ocean life *and* livelihoods.







NNE

11 km/h

Lamberts Bay



Trip Details



Trip Costs



Catch Details



Submit



CLEAR FORM



Analytics



Profile



Help



Logout



Is this a TEST log or a real trip log?

Real

Test

Did you fish/harvest? \*



From a boat or from the shore? \*

Boat



Shore



Did you have an ABALOBI VMS device on the vessel? \*



Which day did your trip end? \*

Today



Yesterday



Another day



Trip End time: \*

22:55

Was catch made from Demo Community? \*



Harbour/place where this catch was made/offloaded: \*

Landing Site

Demo Harb... ▾



Fuel Cost:

\$ 55,00

Oil Cost:

\$ 10,00

Food Cost:

\$ 0,00

Bait Cost:

\$ 7,00

Other Costs:

\$ 0,00

Description of other costs:





Home Catch Methods

What catch/harvest methods did you use? \*

Diving

Fishing rod

Gill net

Hand-line

Hoop net

Throw net









Trek net

Other (not on list)

← Finish Later →

Home Species Caught

Search

|   |   |
|---|---|
| <br>Cape Bream | <br>Carpenter (Silvers)       |
| <br>Red Roman  | <br>Red Stumpnose (Miss Lucy) |
| <br>Yellowtail | <br>Silver Kob                |
|               |                              |

← Finish Later →

Catch Detail

West Coast Rock Lobster 



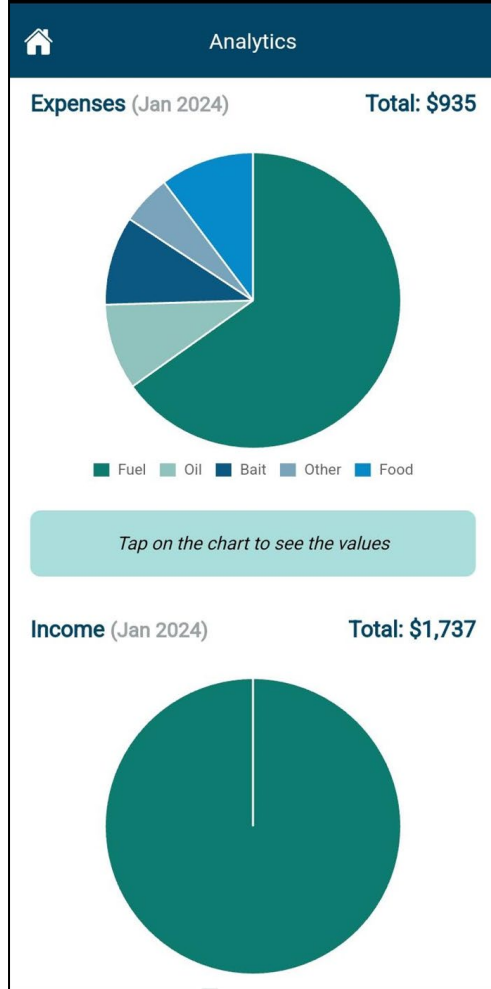
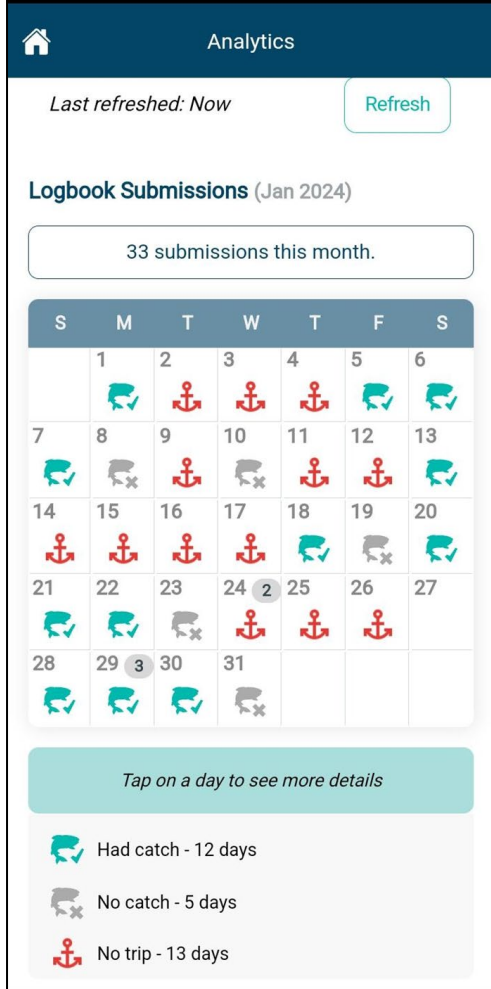
Number caught: 3

Weight (kg): 3

Bait used

Select bait Alikreukal ▾

← Finish Later →



Did you have an ABALOBI VMS device on the vessel? \*

Select VMS type \*

Nemo

Do you have the VMS device ID number \*

Please enter the VMS device ID \*

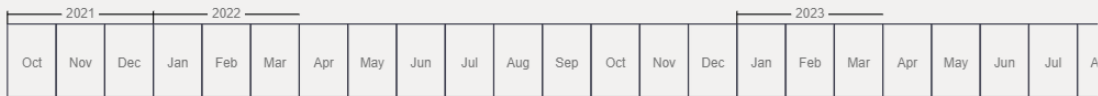
Device ID



## ABALOBI FISHER APP Trip & CLS NEMO Track Data dashboard

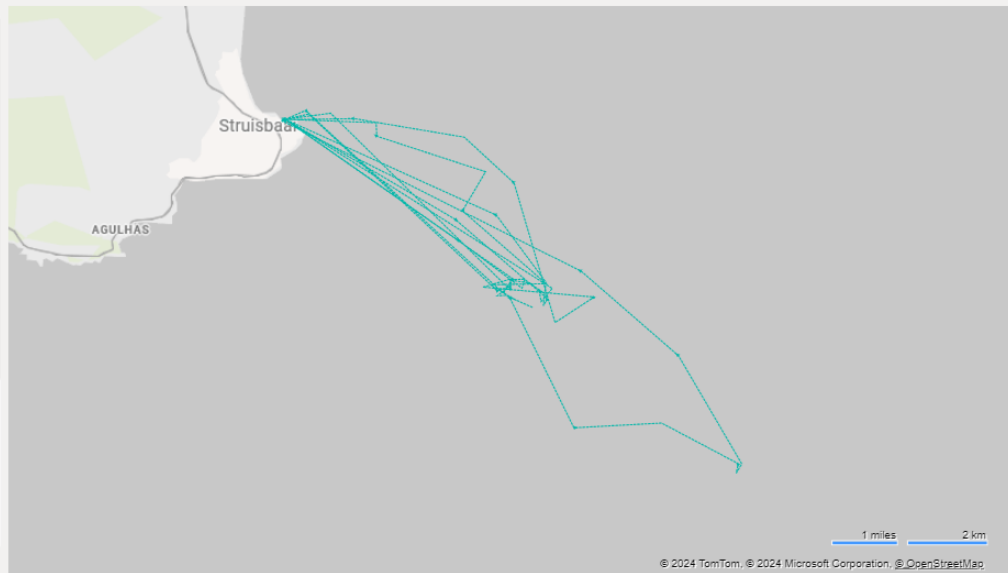
Y M W D  
Month  
2023 / 12 / 31  
2024 / 02 / 29

This Year This Month  
Last Year Last Month  
Reset



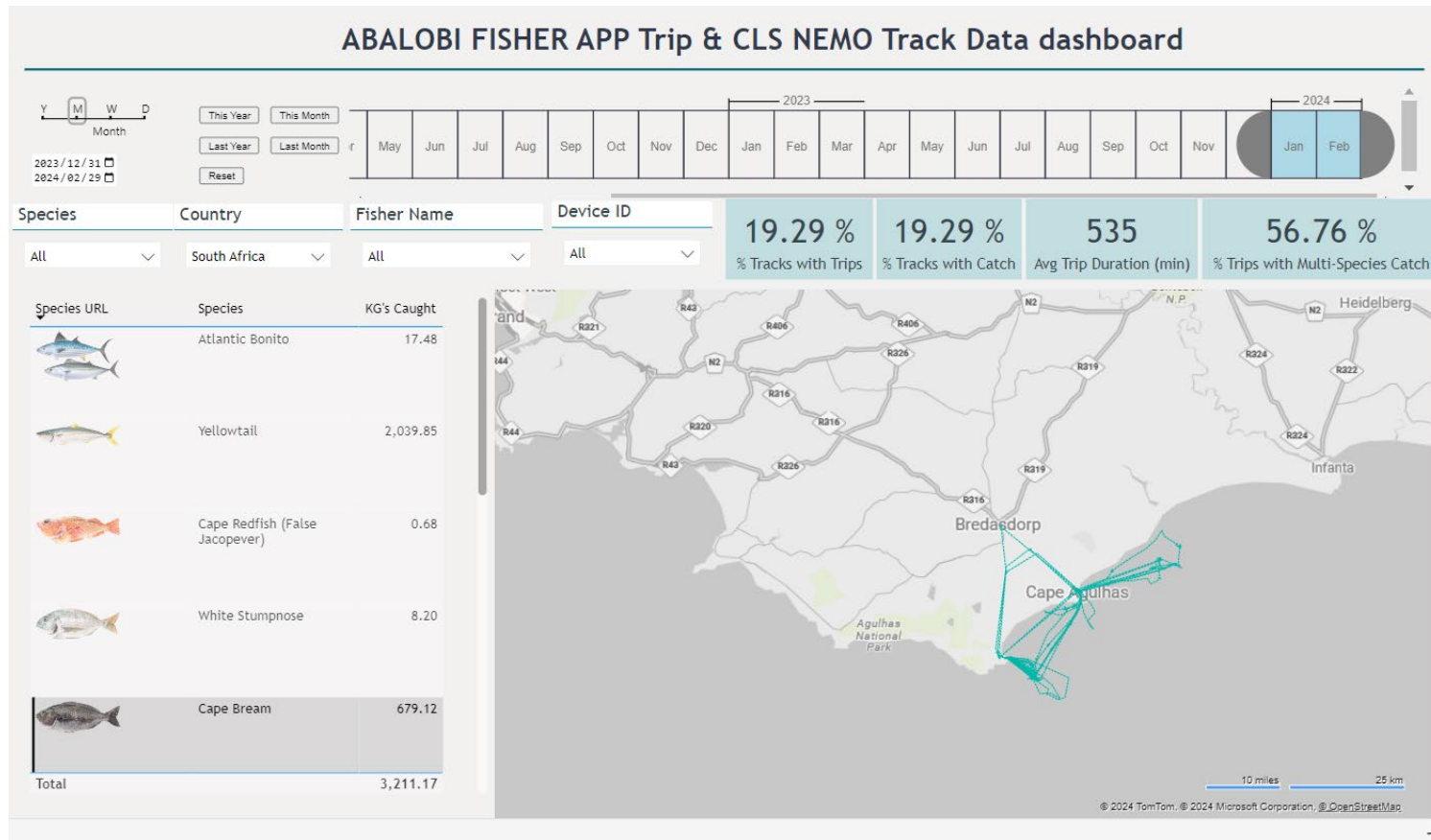
| Species | Country      | Fisher Name      | Device ID | 100.00 %<br>% Tracks with Trips | 100.00 %<br>% Tracks with Catch | 615<br>Avg Trip Duration (min) | 66.67 %<br>% Trips with Multi-Species Catch |
|---------|--------------|------------------|-----------|---------------------------------|---------------------------------|--------------------------------|---|
| All     | South Africa | Marthinus Newman | All       |                                 |                                 |                                |   |

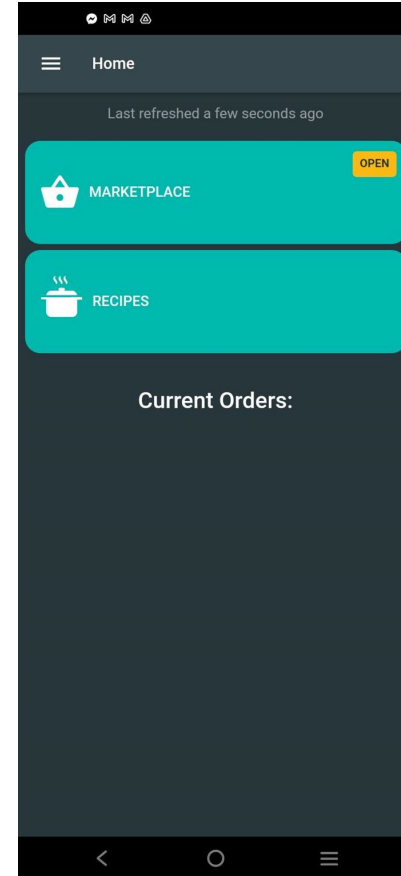
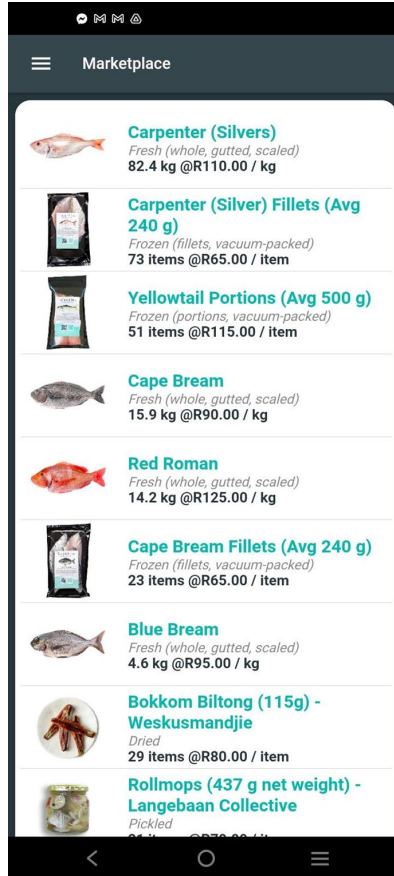
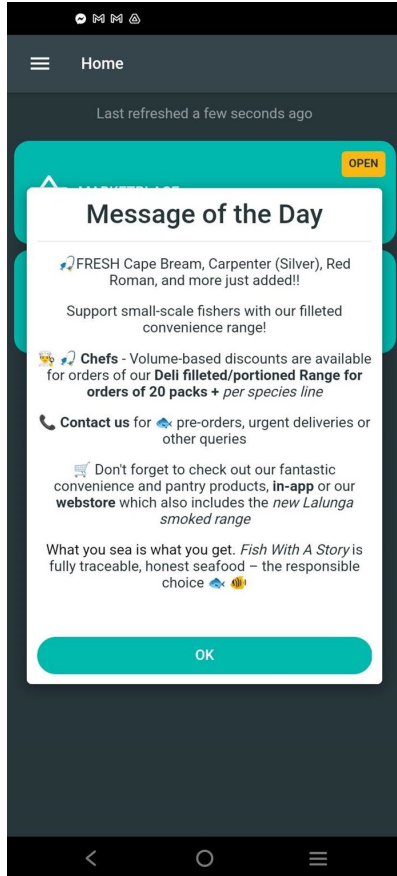
| Species URL  | Species                   | KG's Caught   |
|--------------|---------------------------|---------------|
|              | Yellowtail                | 259.24        |
|              | White Stumpnose           | 8.20          |
|              | Cape Bream                | 1.30          |
|              | Red Roman                 | 6.85          |
|              | Red Stumpnose (Miss Lucy) | 24.80         |
| <b>Total</b> |                           | <b>436.20</b> |





# Integration with CLS NEMO trackers: Aggregated data







## CASE STUDY: “ROCKING THE ROCK LOBSTER BOAT”

ABALOBİ IN THE WEST COAST ROCK LOBSTER FISHERY, SOUTH AFRICA



# THE WEST COAST ROCK LOBSTER PILOT



SSF households are dependent on income from catching lobster.



The WCRL population in South Africa is collapsing.



TAC (Total Allowable Catch) governed by quota system.



Discrepancies of 602 tonnes in WCRL trade data; indicates entry of illegal catch into legal value chains.

# IUU vs legal catch



# ABALOBI TRACEABILITY

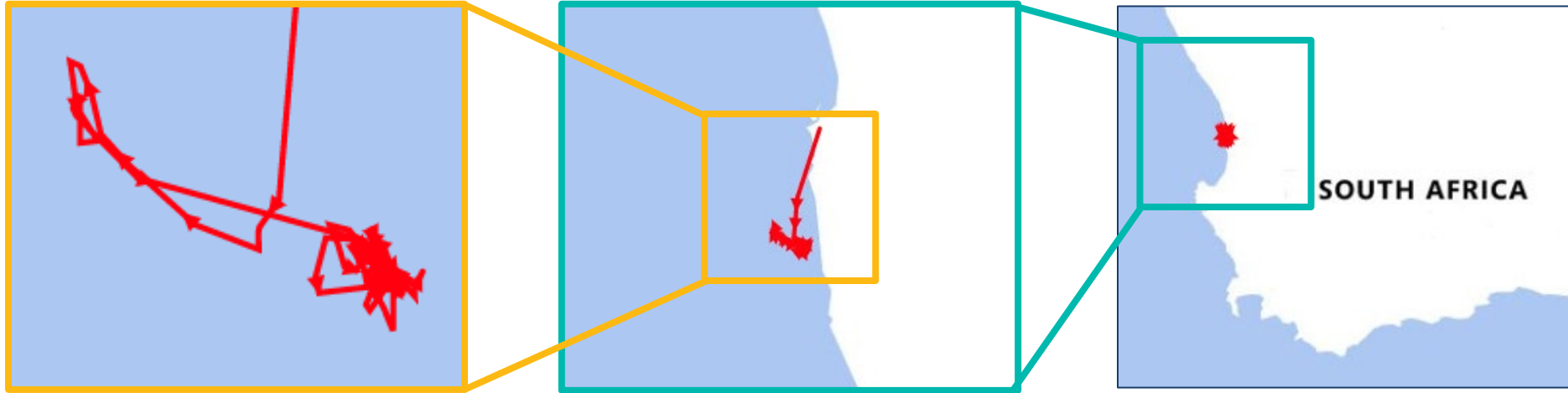




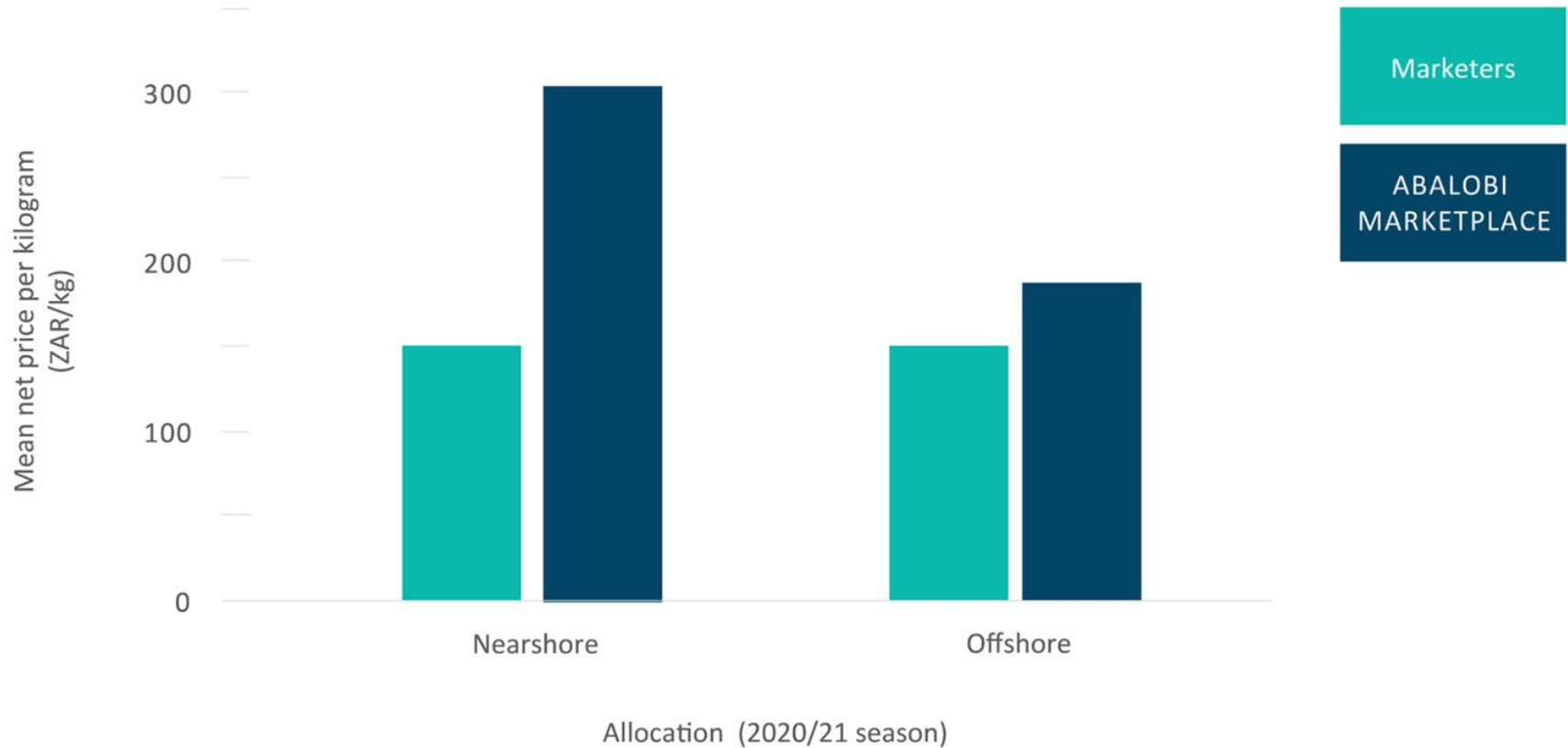
| OrderDate    | CatchTag          | Buyer                       | kg Fish Ordered | # Fish Ordered | GoogleDocDrive |                   |
|--------------|-------------------|-----------------------------|-----------------|----------------|----------------|-------------------|
| 2019/12/03   | sgc15753088677421 | Chefs Warehouse and Canteen |                 | 6.07           | 18.00          | <a href="#">📄</a> |
| 2019/12/03   | sgc15753088677421 | Noop Restaurant             |                 | 10.17          | 27.00          | <a href="#">📄</a> |
| 2019/12/03   | sgc15753088677421 | Overture/Eike Restaurant    |                 | 9.90           | 32.00          | <a href="#">📄</a> |
| 2019/12/03   | sgc15753088677421 | Vadas Smokehouse            |                 | 10.00          | 37.00          | <a href="#">📄</a> |
| 2019/12/03   | sgc15753088677421 | Vineyard Hotel - Myoga      |                 | 2.50           | 9.00           | <a href="#">📄</a> |
| <b>Total</b> |                   |                             | <b>38.64</b>    |                | <b>123.00</b>  |                   |

| Trip Date        | Fisher Name | Community           | TripID       | CatchTag                 | # Fish Caught | kg Fish Caught  | MMSI            | Vessel           |
|------------------|-------------|---------------------|--------------|--------------------------|---------------|-----------------|-----------------|------------------|
| 1/30/2019        |             | Buffelsjagbaai      | 8201         | 154106474127             |               | 102.00          | 31.10           | 877226532        |
| 1/10/2019        |             | Lamberts Bay        | 623          | 154106486030             |               | 60.00           | 16.80           | 877226538        |
| 1/21/2019        |             | Lamberts Bay        | 628          | 154106486048             |               | 26.00           | 6.80            | 877226533        |
| 1/18/2019        |             | Lamberts Bay        | 629          | 154106486049             |               | 84.00           | 23.20           | 877226532        |
| 1/23/2019        |             | Lamberts Bay        | 630          | 154106486071             |               | 85.00           | 26.00           | 877226550        |
| 2/5/2019         |             | Lamberts Bay        | 8224         | 154106486083             |               | 132.00          | 35.10           | 877226544        |
| 12/31/2018       |             | Lamberts Bay        | 597          | 154106486369             |               | 31.00           | 12.40           | 877226545        |
| 2/12/2019        |             | Buffelsjagbaai      | 8272         | 154934355934             |               | 188.00          | 54.20           | 877226532        |
| 3/13/2019        |             | Buffelsjagbaai      | 8582         | 155178898205             |               | 200.00          | 65.00           | 877226532        |
| <b>12/2/2019</b> |             | <b>Lamberts Bay</b> | <b>11517</b> | <b>sgc15753088677421</b> |               | <b>123.00</b>   | <b>39.30</b>    | <b>877226546</b> |
| 12/11/2019       |             | Lamberts Bay        | 11583        | sgc15760671533101        |               | 82.00           | 31.43           | 877226550        |
| 12/11/2019       |             | Lamberts Bay        | 11584        | sgc15760720299601        |               | 102.00          | 17.20           | 877226546        |
| 12/17/2019       |             | Lamberts Bay        | 11617        | sgc15765833988201        |               | 159.00          | 50.00           | 877226545        |
| 12/23/2019       |             | Lamberts Bay        | 11669        | sgc15771016105971        |               | 132.00          | 41.90           | 877226546        |
| 12/22/2019       |             | Lamberts Bay        | 11670        | sgc15771024520691        |               | 77.00           | 9.10            | 877226528        |
| <b>Total</b>     |             |                     |              |                          |               | <b>4,808.00</b> | <b>1,425.58</b> |                  |

# VMS tracking



# Results



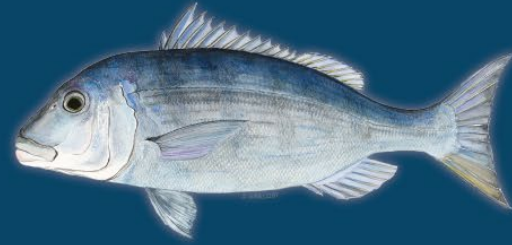


Fish With A Story



#FISHWITHASTORY

POWERED BY ABALOBI



@ABALOBI\_APP



# Ένα ψάρι με ιστορία

ΜΕ ΤΗΝ ΤΕΧΝΙΚΗ ΥΠΟΣΤΗΡΙΞΗ ΤΟΥ ABALOBI



Ανιχνεύσιμα ψαρικά από αλιείς μικρής κλίμακας που ψαρεύουν υπεύθυνα.

Ευχαριστούμε που επιλέξατε το #ψάριμειστορία! Με αυτό τον τρόπο στηρίζετε ψαράδες μικρής κλίμακας στο ταξίδι τους προς τη βιωσιμότητα, βοηθώντας τους να ξανακτίσουν την αλιεία υπεύθυνα. Στο κάτω μέρος της σελίδας διαβάστε την ιστορία του ψαριού σας, όπως Παιός, Τι, Που και Πώς.

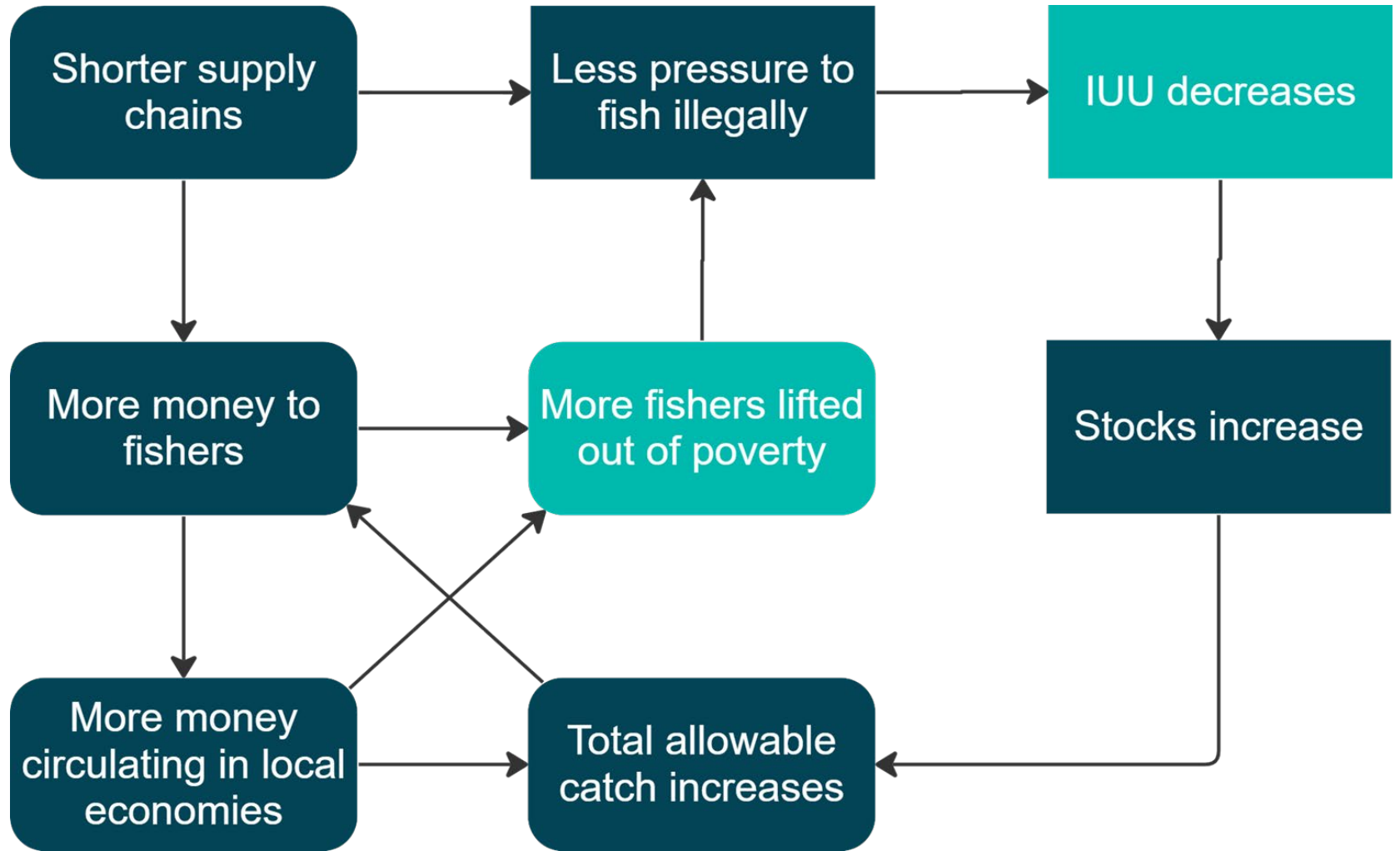


What if we could reimagine the Story behind our seafood?



  
[WhatsApp](#)
[Telegram](#)



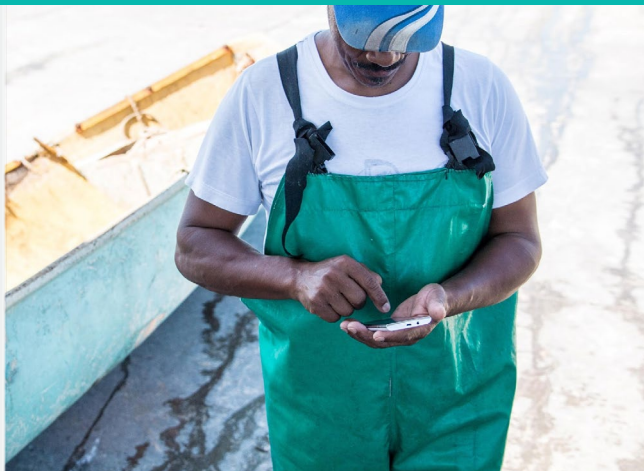




# Fully documented fisheries to address IUU + overfishing



Keen to find out more?



[hello@abalobi.org](mailto:hello@abalobi.org)



[www.abalobi.org](http://www.abalobi.org)



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[vimeo.com/abalobi](https://vimeo.com/abalobi)

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ABALOBİ is a global social  
enterprise seeking to elevate  
small-scale fishing communities  
through the joint development of  
Technology For Good.



ABALOBİ



Questions