



SUSTAINABLE FISHERIES MANAGEMENT PROJECT (SFMP)

Tigo Fishers' Network Business Model



2015



This publication is available electronically on the Coastal Resources Center's website at http://www.crc.uri.edu/projects_page/ghanasfmp/

For more information on the Ghana Sustainable Fisheries Management Project, contact:

USAID/Ghana Sustainable Fisheries Management Project
Coastal Resources Center
Graduate School of Oceanography
University of Rhode Island
220 South Ferry Rd.
Narragansett, RI 02882 USA
Tel: 401-874-6224 Fax: 401-874-6920 Email: info@crc.uri.edu

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Cover photo: SSG

Detailed Partner Contact Information:

USAID/Ghana Sustainable Fisheries Management Project (SFMP)
10 Obodai St., Mempeasem, East Legon, Accra, Ghana

Telephone: +233 0302 542497 Fax: +233 0302 542498

Brian Crawford	Chief of Party brian@crc.uri.edu
Najih Lazar	Senior Fisheries Advisor nlazar@crc.uri.edu
Patricia Mensah	Communications Officer patricia.sfmp@crcuri.org
Bakari Nyari	Monitoring and Evaluation Specialist hardinyari.sfmp@crcuri.org
Don Robadue, Jr.	Project Manager, CRC don@crc.uri.edu
Justice Odoi	USAID Administrative Officer Representative Jodoi@usaid.gov

Kofi.Agbogah
kagbogah@henmpoano.org
Stephen Kankam
skankam@henmpoano.org
Hen Mpoano
38 J. Cross Cole St. Windy Ridge
Takoradi, Ghana
233 312 020 701

Andre de Jager
adejager@snvworld.org
SNV Netherlands Development Organization
#161, 10 Maseru Road,
E. Legon, Accra, Ghana
233 30 701 2440

Donkris Mevuta
Kyei Yamoah
info@fonghana.org
Friends of the Nation
Parks and Gardens
Adiembra-Sekondi, Ghana
233 312 046 180

Peter Owusu Donkor
Spatial Solutions
powusu-donkor@spatialdimension.net
#3 Third Nautical Close,
Nungua, Accra, Ghana
233 020 463 4488

Thomas Buck
tom@ssg-advisors.com
SSG Advisors
182 Main Street
Burlington, VT 05401
(802) 735-1162

Victoria C. Koomson
cewefia@gmail.com
CEWEFIA
B342 Bronyibima Estate
Elmina, Ghana
233 024 427 8377

Lydia Sasu
daawomen@daawomen.org
DAA
Darkuman Junction, Kaneshie Odokor
Highway
Accra, Ghana
233 302 315894

Gifty Asmah
giftyasmah@Daasgift.org
Daasgift Quality Foundation
Headmaster residence, Sekondi College
Sekondi, Western Region, Ghana
233 243 326 178

For additional information on partner activities:

CRC/URI:	http://www.crc.uri.edu
CEWEFIA:	http://cewefia.weebly.com/
DAA:	http://womenthrive.org/development-action-association-daa
Friends of the Nation:	http://www.fonghana.org
Hen Mpoano:	http://www.henmpoano.org
SNV:	http://www.snvworld.org/en/countries/ghana
SSG Advisors:	http://ssg-advisors.com/
Spatial Solutions:	http://www.spatialsolutions.co/id1.html

ACRONYMS

CCM	Centre for Coastal Management
CEWEFIA	Central and Western Region Fishmongers Improvement Association
CRC	Coastal Resource Center
CSLP	Coastal Sustainable Landscape Project
DAA	Development Action Association
DFAS	Department of Fisheries and Aquatic Science
DMFS	Department of Marine Fisheries Sciences
DQF	Daasgift Quality Foundation
FtF	Feed the Future
GIFA	Ghana Inshore Fishermen's Association
GIS	Geographic Information System
GNCFC	Ghana National Canoe Fishermen's Council
HM	Hen Mpoano
ICFG	Integrated Coastal and Fisheries Governance
MESTI	Ministry of Environment Science and Technology
MOFAD	Ministry of Fisheries and Aquaculture Development
NDPC	National Development Planning Commission
NGOs	Non-Governmental Organizations
SFMP	Sustainable Fisheries Management Project
SMEs	Small and Medium Enterprises
SNV	Netherlands Development Organization
SSG	SSG Advisors
STWG	Scientific and Technical Working Group
UCC	University of Cape Coast
URI	University of Rhode Island
USAID	United States Agency for International Development
WARFP	West Africa Regional Fisheries Development Program

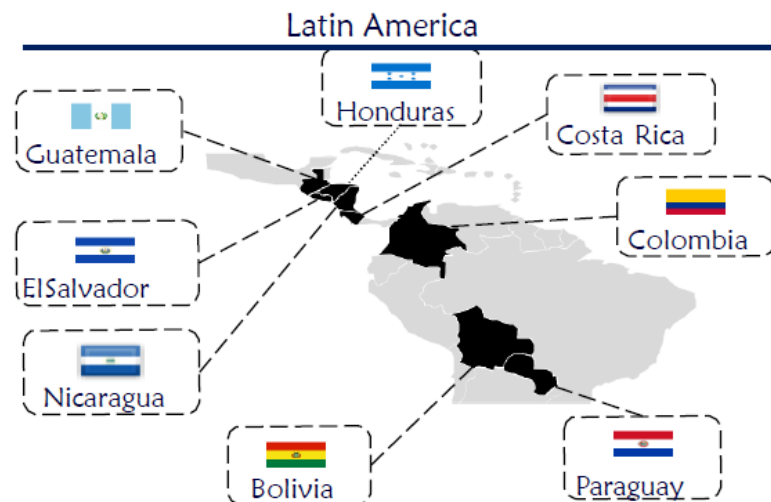
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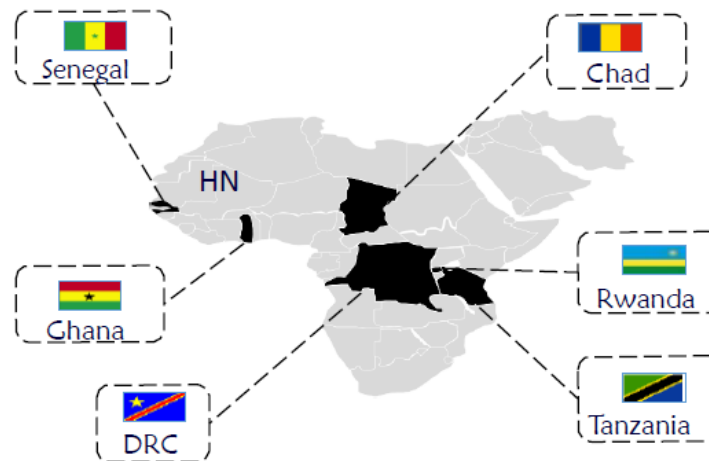
Millicom Ghana

- • Part of The Millicom Group, a leading international telecommunications and media company dedicated to emerging markets
- • Empower a digital lifestyle by offering communication information and entertainment which connect people to their
- world.



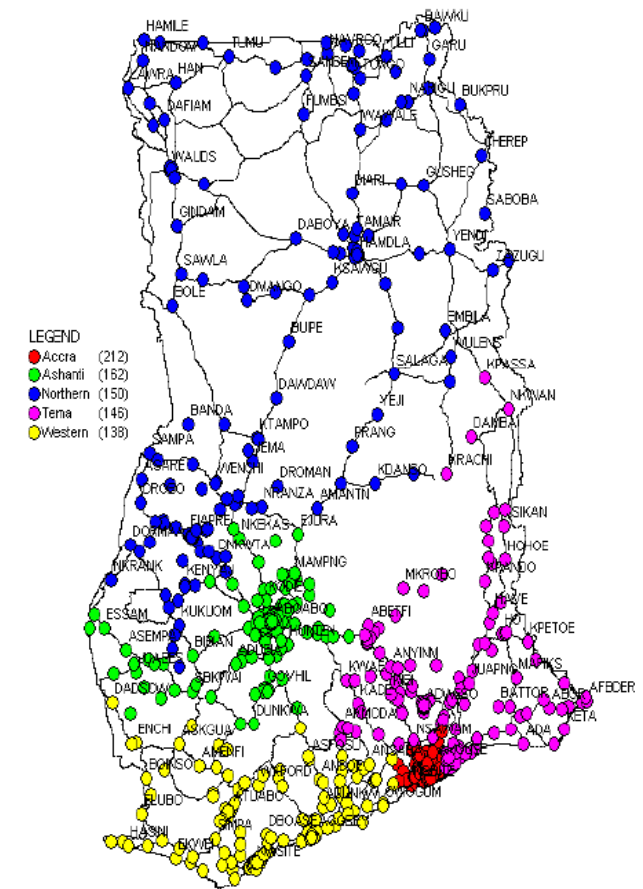
Africa

- Millicom Ghana was established in 1992 and has become the leading innovative telecommunications company in the country, championing a digital lifestyle.



Network Coverage

- Extensive coverage in all regional, district and local areas of the country.
- 3.5G in all regional and district capitals.
- Cover 80% of inhabitable areas across the country.



135K

25K

2.6M

80K

500K



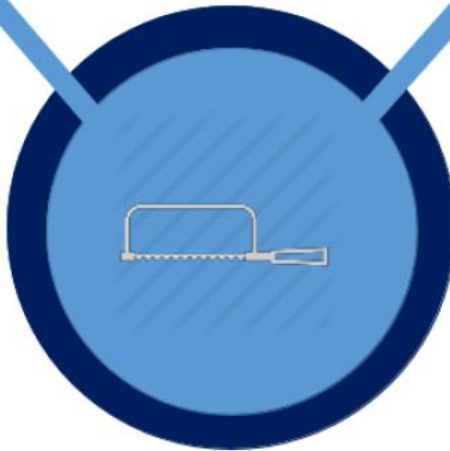
Over 25,000 fish processors and traders



80,000 fishers involved in inland fishing



Over 2.6M people depend on the Fisheries sector.



500,000 involved in distribution and processing network



Over 135,000 fishers are directly employed in Ghana's marine capture fisheries

Collaboration



THE
UNIVERSITY
OF RHODE ISLAND
GRADUATE SCHOOL
OF OCEANOGRAPHY



- Facilitate communication within the ecosystem.
- Provide alternate livelihood.
- Health Service support to fisher folks.
- Information system training and dissemination of information.
- Provide Tigo Cash savings for Off-season income.



Value Proposition



Tigo Cash
Capability to setup
Insurance cover to
registered user



Tigo Cash
Tigo Cash Wallets
Ability to allow
active users to
communicate with
each other for free
through voice and
SMS.



Tigo Cash
On all Subscriber
Instant communication
to entire network via
SMS.



Tigo Cash
Accounts

Target Customer Segments



Short Term

- Fisher folk (Marine and inland fishers).
- Fish processors and traders.
- Canoe owners.



Medium Term

- Trawler owners and workers.
- Cold store owners.
- FC and MoFA Staff with direct input.



Long Term

- FC & MoF Staff and casual workers of the Fisheries with indirect input.
- Marine Police.
- Volunteer organizations.
- Families of Fisher folk and fish processors.

Recommended Price points

- Payments be made yearly
- Devices be purchased outright
- Payments be accepted via mobile money
- Acquisitions be done at group level
- Sponsors and third party partners be encouraged to support deployments at various stages

Plan 1	Plan 2	Plan 3
<ul style="list-style-type: none">• 100 On-Net Minutes• 50 SMS• 1GB Social Media Bundle• Unlimited CUG	<ul style="list-style-type: none">• 100 On-Net Minutes• 10 Ex-Net Minutes• 50 SMS• 1GB Social Media Bundle• 250MB Data• Unlimited CUG	<ul style="list-style-type: none">• 150 On-net Minutes• 35 Ex-Net Minutes• 100 SMS• 1GB Social Media Bundle• 500MB Data• Unlimited CUG
Price: GHS 3.50	Price: GHS 5.00	Price: GHS 10.00

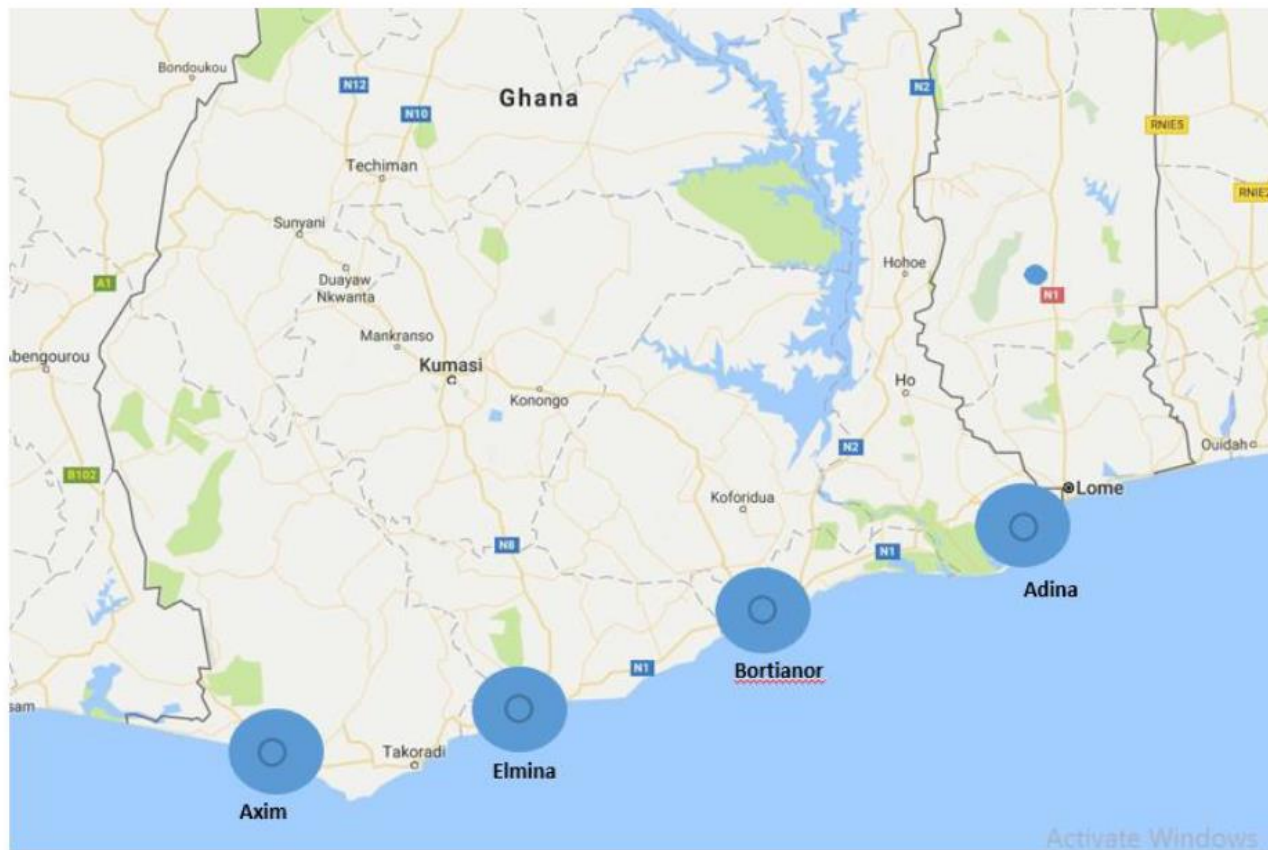
Devices



GHS 120.00



GHS 70.00



- GREATER ACCRA: BORTIANOR
- VOLTA REGION: ADINE
- WESTERN REGION: AXIM
- CENTRAL REGION: ELMINA

Activities

- Publicity (awareness) to about 80% of the fishing population in each site.
- Get 10,000 fisher folks enrolled on the package across the regions.
- Setup at least 10 sales points for Tigo cash and scratch card at each pilot site.
- Call Centre should be established by the fisheries commission by end of the year.
- 20% of the fisher folks should be active participants of the insurance program by end of year 2017.
- 50% of the fisher folks should be active participants on Tigo cash by end of year 2017.
- Extension of the Tigo service offshore.
- A security system to ensure that non-fisher folks do not get access to the platform.
- Registration must be done through an association leader.
- Bulk SMS package for Fisheries Commission to keep the fisher folks updated.

Action Plan

TASK	ACTIVITY	TIMELINE
Awareness	<ul style="list-style-type: none"> • An ideation message for the fisher folks. • Creating a channel for identification and selection. • Engagement with stakeholders. • Rolling out (material production, communication and distribution) 	<ul style="list-style-type: none"> • Quarter 1 (1st July, 2017) • Quarter 1 (1st August, 2017) • Quarter 1 (1st September, 2017) • Quarter 2 (1st October, 2017)
Net Promoter Score	<ul style="list-style-type: none"> • A survey to help us build a solid baseline. • Data collection and analysis. • Implementation of results (monitoring and evaluation) 	<ul style="list-style-type: none"> • Quarter 1 • Quarter 1 – Quarter 4 • Quarter 2
Activation	<ul style="list-style-type: none"> • Community identification. • Setting up of project team. • Establishment of post points for registration. • One mega launch for each pilot sites. • Group and individual registration. • Fisher folks training and sensitization. 	<ul style="list-style-type: none"> • Quarter 1-4 (July, 2017 – April, 2018) • Quarter 1 (July, 2017) • Quarter 2-4 (Oct, 2017 – April, 2018) • Quarter 1 (1st August, 2017) • Quarter 1 (1st September, 2017) • Quarter 1 (1st September, 2017)

Project Timelines

