



**AfricaFertilizer**  
Data-Driven Decisions for African Food Systems



# AfricaFertilizer

*at a glance...*

# Links..

- Website: <https://africafertilizer.org/#/en>
- AfricaFertilizerWatch, Monitoring and “early warning” tool: <https://africafertilizerwatch.org/#/en>
- [Rebranding event](#)



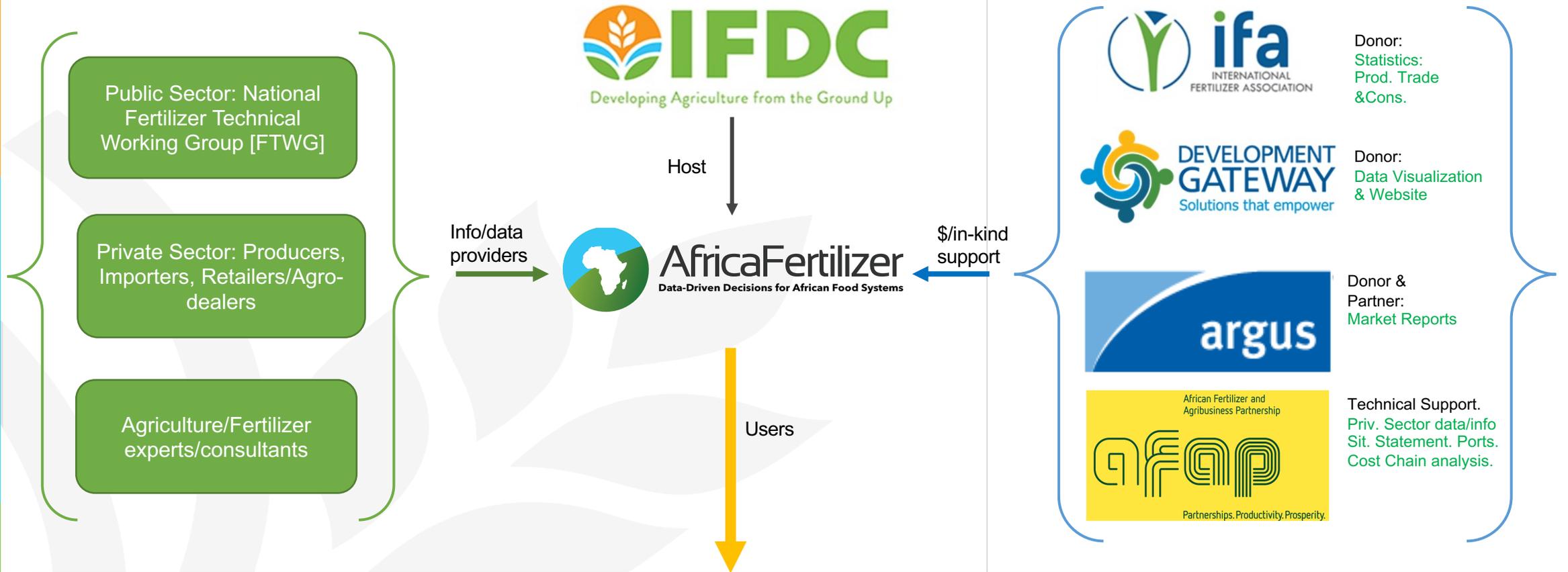
# AfricaFertilizer

**Data-Driven Decisions for African Food Systems**



[AfricaFertilizer Video](#)

# AfricaFertilizer.Org Program Structure



**Public Sector:** Ministry of Agriculture, Ministry of Trade, Bureau of Statistics, Revenue Authority/Customs

**Private Sector:** International Fertilizer Association (IFA), Fertilizer Manufacturers, Processors, International Traders, Importers, Distributors, National Fertilizer/Agro-dealer Associations.

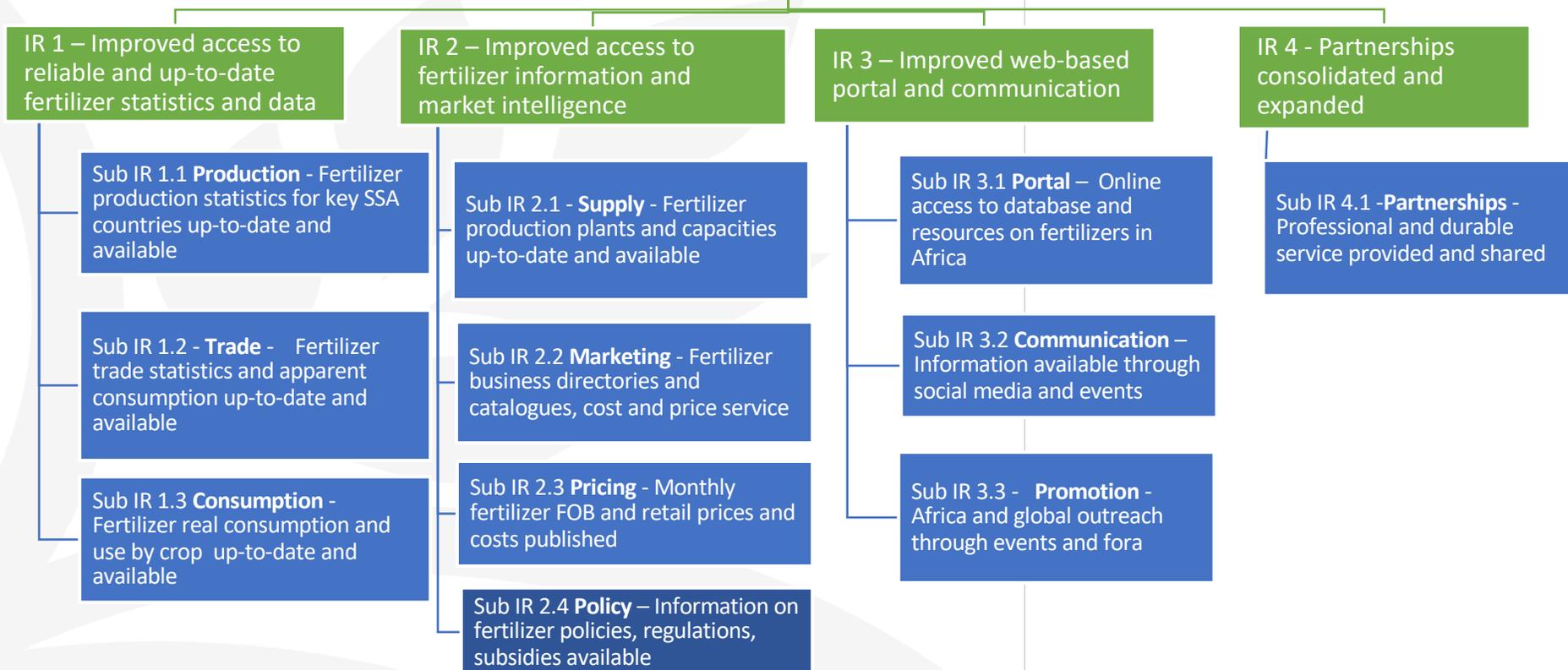
**Consulting Service providers:** Argus Media, CRU, CVA, BCG, Techno Serve

**Development Agencies:** IFDC, AFAP, IFPRI, AfDB, BMGF

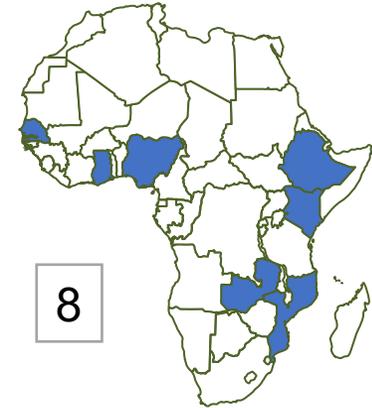
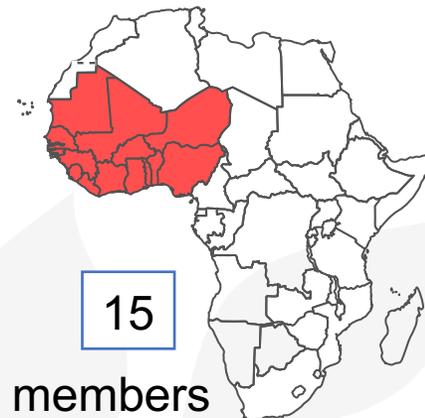
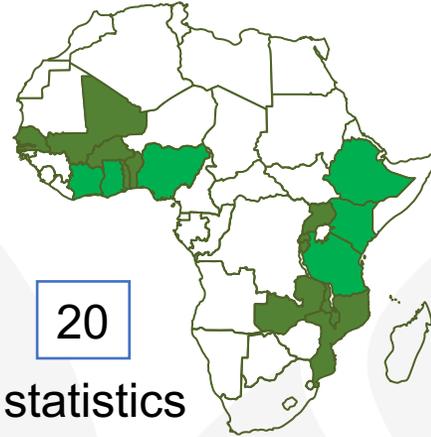
# AFO Strategic Framework

**Goal:** To contribute to the development of a sustainable and profitable agriculture sector in Africa

**Strategic Objective:** To provide clear and opportune information on fertilizers in Africa



# AFO Coverage with Partners



# AFO Core Areas of Competence

Focus area	Content	Output
<b>Statistics</b>	<ul style="list-style-type: none"> <li>• Production (primary/secondary)</li> <li>• Trade (by product)</li> <li>• Consumption (real)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Annual Primary and Secondary fertilizer production volumes (FTWG)</li> <li>➤ Annual fertilizer import and export volumes by product (FTWG)</li> <li>➤ Fertilizer consumption and use by Crop (FTWG/ Consultants)</li> </ul>
<b>Prices</b>	<ul style="list-style-type: none"> <li>• FOB &amp; CIF (Argus weekly)</li> <li>• Local retail/subsidized prices</li> <li>• Cost Structure</li> </ul>	<ul style="list-style-type: none"> <li>➤ Monthly International price vs retail price of fertilizers (at distribution centers in major towns; subsidized/commercial prices)</li> <li>➤ Annual Fertilizer cost build up from manufacturer to farm gate along major trade corridors</li> </ul>
<b>Markets</b>	<ul style="list-style-type: none"> <li>• Market Situation statements</li> <li>• Import process maps</li> <li>• Market Structures</li> </ul>	<ul style="list-style-type: none"> <li>➤ Fertilizer import process-documentation/duration/cost implications etc.</li> <li>➤ Annual Market outlook on fertilizer use and market updates</li> <li>➤ Product flow along the fertilizer value chain</li> </ul>
<b>Products</b>	<ul style="list-style-type: none"> <li>• Business Directories</li> <li>• Plant registers</li> <li>• Product catalogues</li> </ul>	<ul style="list-style-type: none"> <li>➤ Register/maps of fertilizer importers and distributors</li> <li>➤ Fertilizer plant production capacities (2 editions)</li> <li>➤ Fertilizer products available in the market; AAR vs RAR</li> </ul>
<b>Policies [support]</b>	<ul style="list-style-type: none"> <li>• Laws and regulations</li> <li>• Indicators</li> <li>• Subsidy programs</li> </ul>	<ul style="list-style-type: none"> <li>➤ Existing laws / acts / regulations</li> <li>➤ Policy indicators for EBA/IFPRI/BMGF</li> <li>➤ Subsidy programs ongoing/proposed</li> </ul>

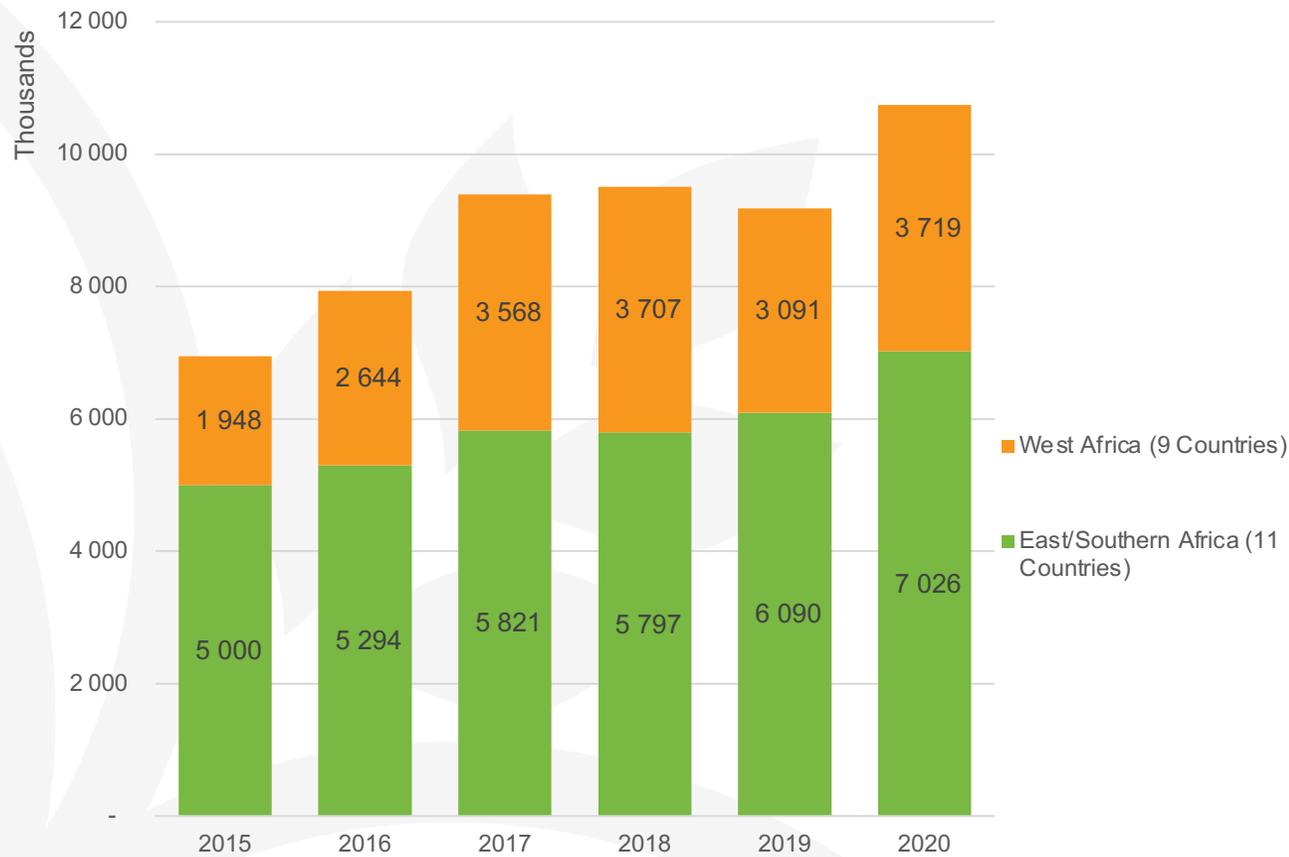
# Tracking the progress: AfricaFertilizer.Org 12 years in Sub-Sahara Africa (SSA)

- Authoritative and validated fertilizer statistics for 20+ sub-Sahara Africa countries to support the monitoring of the Kg/Ha resolution in 2006 at the Abuja Summit.
- Increased capacity to track fertilizer information from only market size to more granular data sets e.g players, trade volumes, consumption, Fertilizer use by Crop studies, market surveys, policy etc.
- Inclusion in the AUC (African Union Commission) in the biennial review process
- Monitoring on Covid disruptions, Russia/Ukraine impacts on fertilizer value chains

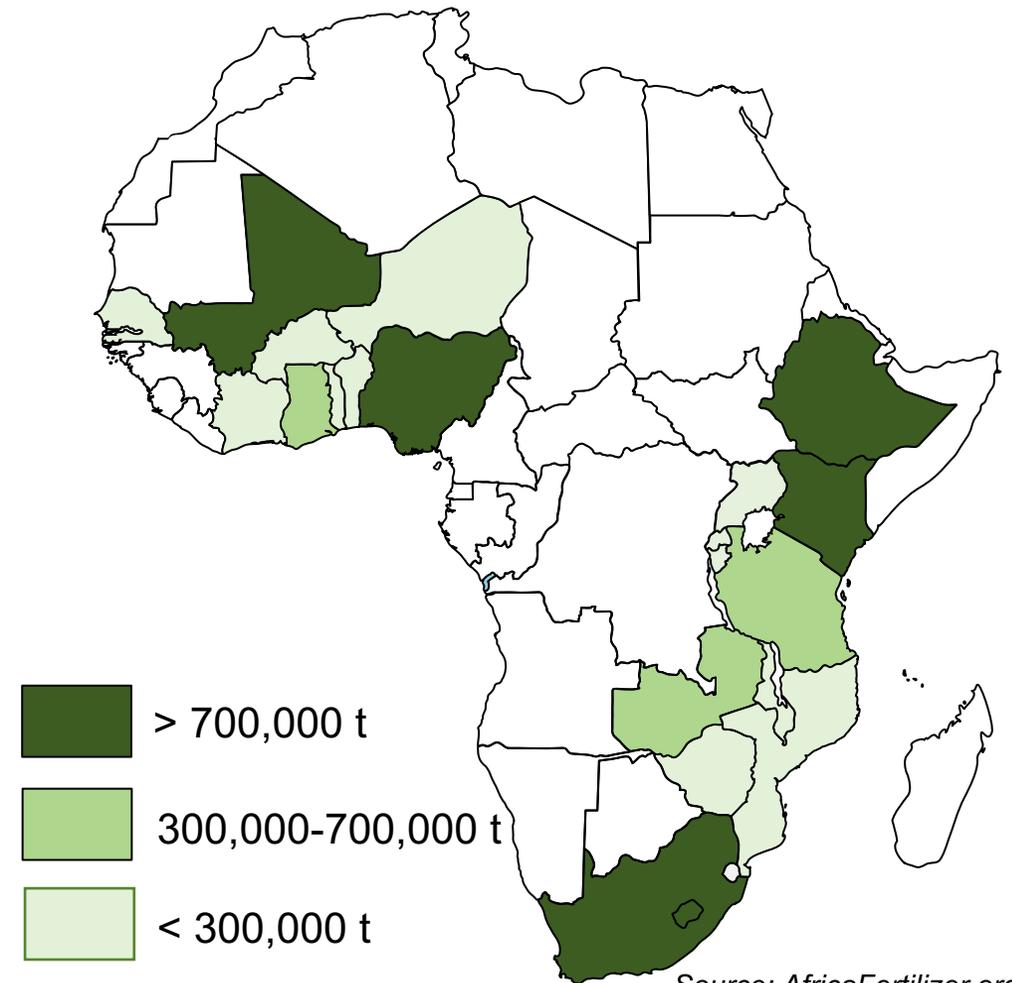
# Some of Our outputs:

## 1) Market Overviews for SSA

Average Annual Fertilizer Consumption: 20 SSA Markets



West Africa Average 3.5 Million tonnes  
 East/Southern Africa Average 6 Million tonnes



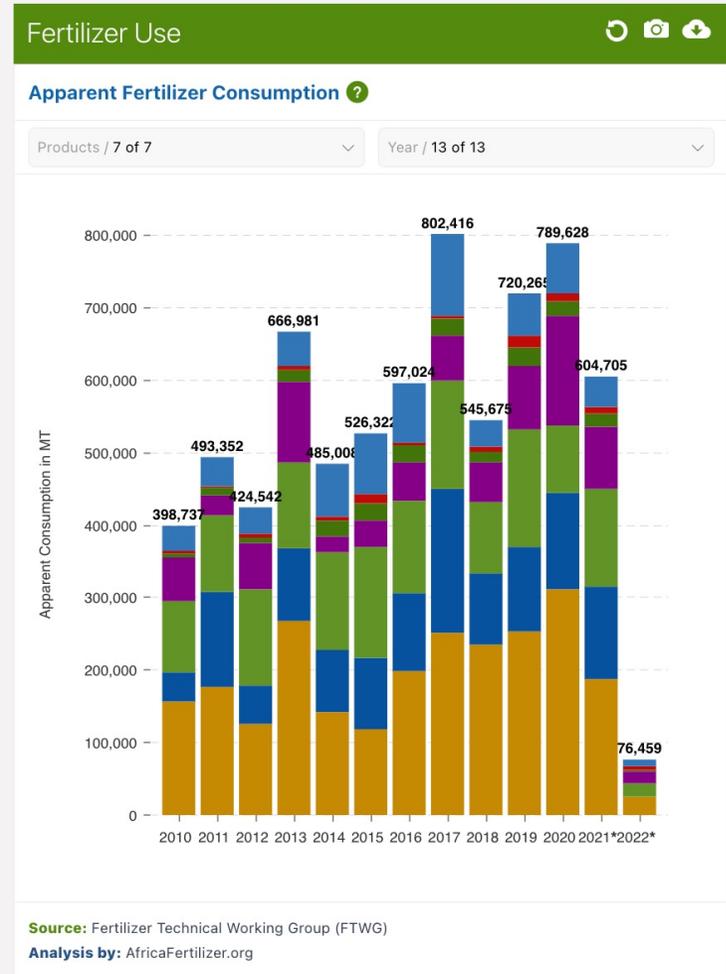
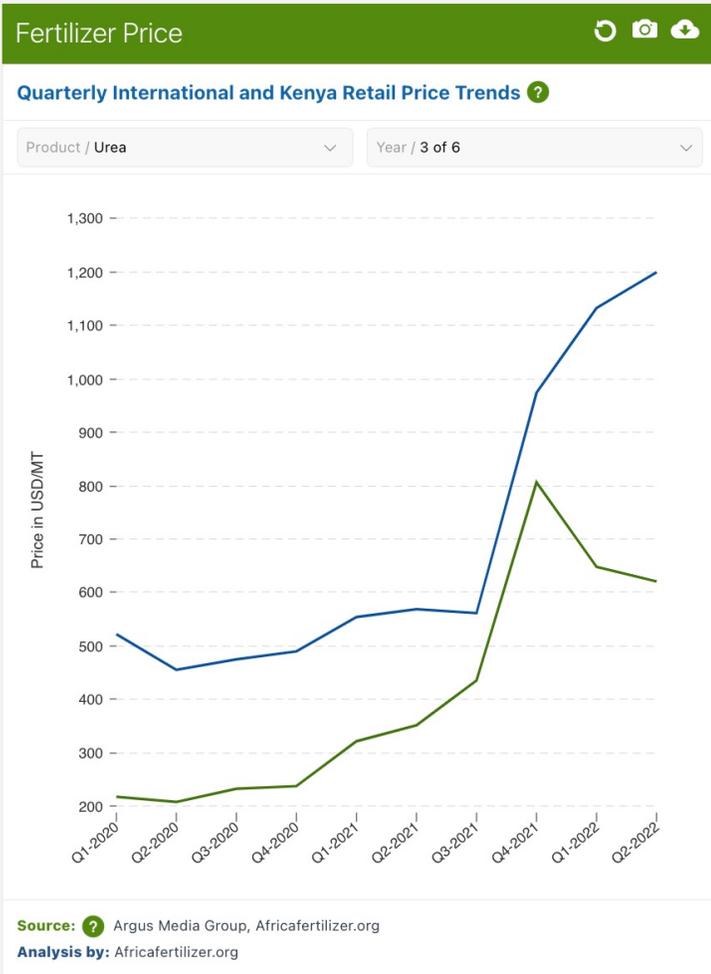
Source: AfricaFertilizer.org

# 2) Fertilizer Dashboards: Kenya, Ghana and Nigeria



Home Fertilizer Price Fertilizer Use Fertilizer Availability Fertilizer Policy About us Datasets

This dashboard visualizes key information on Kenya's fertilizer sector. Preview data through the featured charts below, or click on the section headers to further explore data on [Fertilizer Price](#), [Use](#), [Availability](#), and [Policy](#)



In place of unwieldy spreadsheets and dozens of data sources, the AfricaFertilizer.org Dashboard\* introduces a “one-stop-shop” for trustworthy, visually appealing information that is key to understanding the sub-Saharan fertilizer sector.

## [Country Dashboards](#)

\*Investment by BMGF through Development Gateway

# 3) Fertilizer Technical Working groups-FTWG's

## Nigeria FTWG in 2022



## Tanzania-Rwanda FTWG in 2022



- The AFO-Led FTWG's bring together all the stakeholders at national level to validate fertilizer statistics for the country
- For 2022, about 12 countries done with 5 more planned
- Sponsored by private companies, AFO partners IFA, DG-BMGF etc

# 4) Fertilizer Factsheets

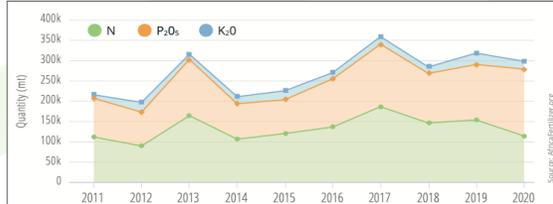
## FERTILIZER FACTSHEET



AfricaFertilizer.org

# 2021 KENYA

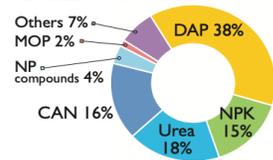
FERTILIZER CONSUMPTION IN NUTRIENTS, 2011-2020



FERTILIZER PRODUCTION & BLENDING PLANT SITES



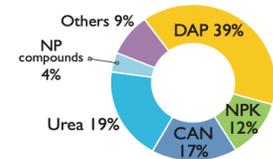
FERTILIZER IMPORTS 2020



FERTILIZER IMPORTS 2011-2020 (MT)

Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
DAP	178,195	126,470	273,939	144,450	127,672	207,973	261,939	252,199	262,897	319,039
NPK	119,499	139,578	129,540	136,880	166,342	151,334	186,377	143,621	193,057	127,143
Urea	32,021	66,804	114,515	25,117	43,584	75,955	66,720	68,045	89,996	152,537
CAN	132,150	53,616	101,201	87,900	99,120	111,654	198,806	100,950	118,268	132,900
NP com.	19,738	12,028	20,853	35,594	65,295	46,542	87,383	15,894	8,843	31,768
MOP	2,369	4,903	6,014	6,655	13,336	5,757	4,642	9,646	15,370	11,142
Others	40,275	41,781	43,969	58,124	41,083	60,620	49,178	36,063	77,696	60,020
<b>Total</b>	<b>524,246</b>	<b>445,180</b>	<b>690,032</b>	<b>494,720</b>	<b>556,432</b>	<b>659,835</b>	<b>855,045</b>	<b>626,418</b>	<b>766,126</b>	<b>834,549</b>

APPARENT CONSUMPTION 2020



FERTILIZER APPARENT CONSUMPTION 2011-2020 (MT)

Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
DAP	176,531	125,344	267,988	141,553	117,859	198,105	252,548	234,823	254,026	311,662
NPK	102,792	129,803	119,283	133,878	153,640	126,821	149,759	99,184	162,121	93,942
CAN	131,363	53,000	99,898	87,021	98,940	108,118	198,293	98,655	116,904	132,680
Urea	27,295	63,480	110,838	22,941	37,105	53,297	61,506	54,547	87,559	150,463
NP com.	19,458	11,954	20,829	35,587	64,218	46,541	87,354	15,894	8,843	31,766
Others	35,913	40,961	48,146	64,029	54,560	64,142	52,955	42,572	90,812	69,115
<b>Total</b>	<b>493,352</b>	<b>424,542</b>	<b>666,981</b>	<b>485,008</b>	<b>526,322</b>	<b>597,024</b>	<b>802,416</b>	<b>545,675</b>	<b>720,265</b>	<b>789,628</b>

DEMAND FOR FERTILIZER BY CROP AND SEASON



For more info: AfricaFertilizer.org

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## FERTILIZER FACTSHEET



AfricaFertilizer.org

# 2021 GHANA



West African Fertilizer Association  
Association Ousst-Africaine  
de l'Engrais

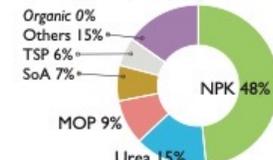
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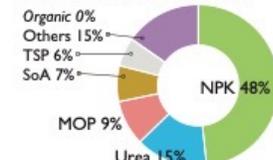
FERTILIZER IMPORTS 2020



FERTILIZER IMPORTS 2011-2020 (MT)

Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
NPK	50,405	127,393	117,047	44,880	138,140	132,632	213,887	224,176	217,024	299,423
Urea	2,838	17,665	36,104	202	18,348	39,035	88,259	42,002	77,011	89,956
MOP	30,505	43,420	19,849	22,715	18,707	13,842	24,235	15,993	42,235	55,611
SoA	38,474	61,585	54,863	6,282	64,015	23,268	43,865	10,084	17,326	43,994
TSP	50,177	92,456	47,173	21,258	32,052	13,802	26,766	9,460	29,300	35,268
Organic	13	275	6,465	5,523	7,818	8,772	37,643	5,875	4,673	219
Others	24,905	30,971	16,414	10,223	11,077	8,532	9,582	7,564	37,542	94,167
<b>Total</b>	<b>197,317</b>	<b>373,765</b>	<b>297,915</b>	<b>111,083</b>	<b>290,156</b>	<b>239,883</b>	<b>444,236</b>	<b>315,157</b>	<b>425,110</b>	<b>618,638</b>

APPARENT CONSUMPTION 2020



FERTILIZER APPARENT CONSUMPTION 2011-2020 (MT)

Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
NPK	46,273	126,929	113,794	39,344	137,902	132,632	210,387	220,176	215,617	296,641
Urea	2,431	17,603	36,104	-	18,253	39,035	88,259	42,002	76,921	88,379
MOP	25,884	43,403	19,801	22,702	18,707	13,842	24,235	15,712	42,235	55,611
SoA	1,052	61,585	54,863	6,282	64,015	23,268	43,865	10,084	17,326	43,994
TSP	22,149	92,456	47,173	19,613	32,052	13,802	26,766	9,460	29,300	35,268
Organic	13	275	6,465	5,523	7,818	8,747	37,568	5,868	4,663	219
Others	26,649	30,951	16,136	10,223	11,077	8,532	9,582	7,564	37,542	93,829
<b>Total</b>	<b>124,451</b>	<b>373,202</b>	<b>294,336</b>	<b>103,688</b>	<b>289,822</b>	<b>239,858</b>	<b>440,661</b>	<b>310,866</b>	<b>423,603</b>	<b>613,942</b>

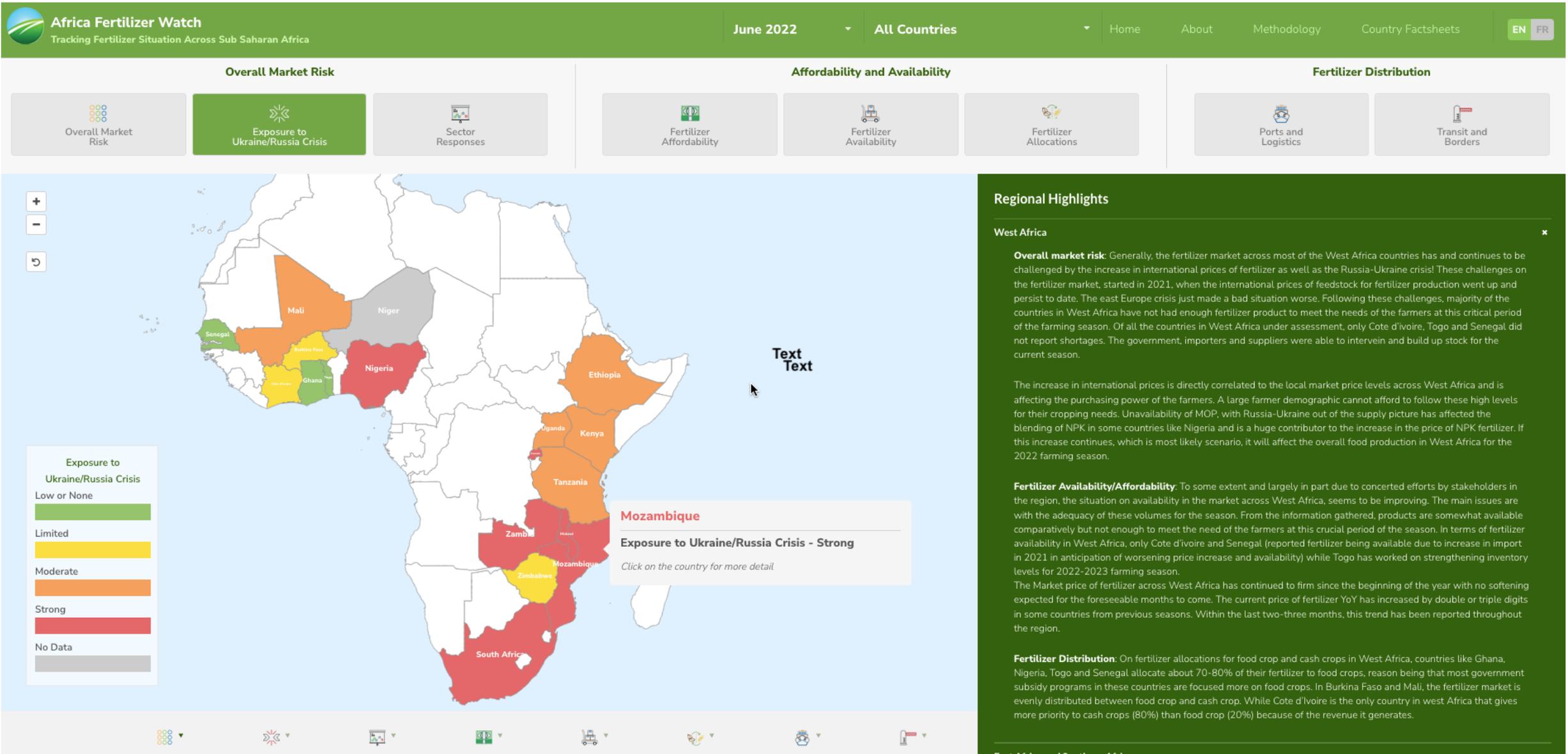
DEMAND FOR FERTILIZER BY CROP AND SEASON



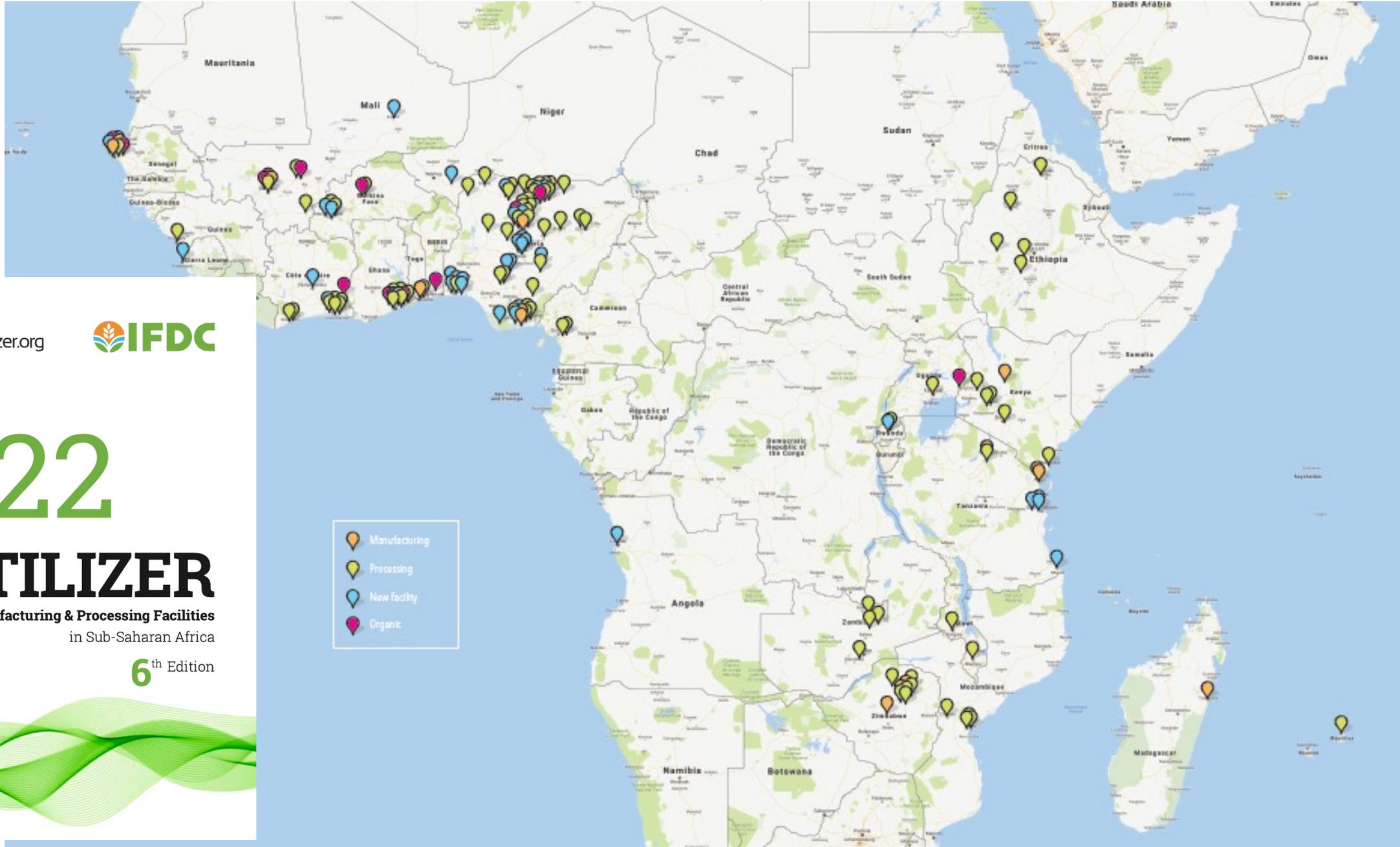
For more info: AfricaFertilizer.org and WAFafertilizer.org

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# 5) Africa Fertilizer watch



# 6) Fertilizer Plant Registers



AfricaFertilizer.org

IFDC

# 2022

Register of

# FERTILIZER

Manufacturing & Processing Facilities

in Sub-Saharan Africa

6<sup>th</sup> Edition

- Manufacturing
- Processing
- New facility
- Organic

# The AFO website



Visualizations by Country

Visualizations by Topic ▾

Plant Directory

Resources ▾

Events

About

EN

FR



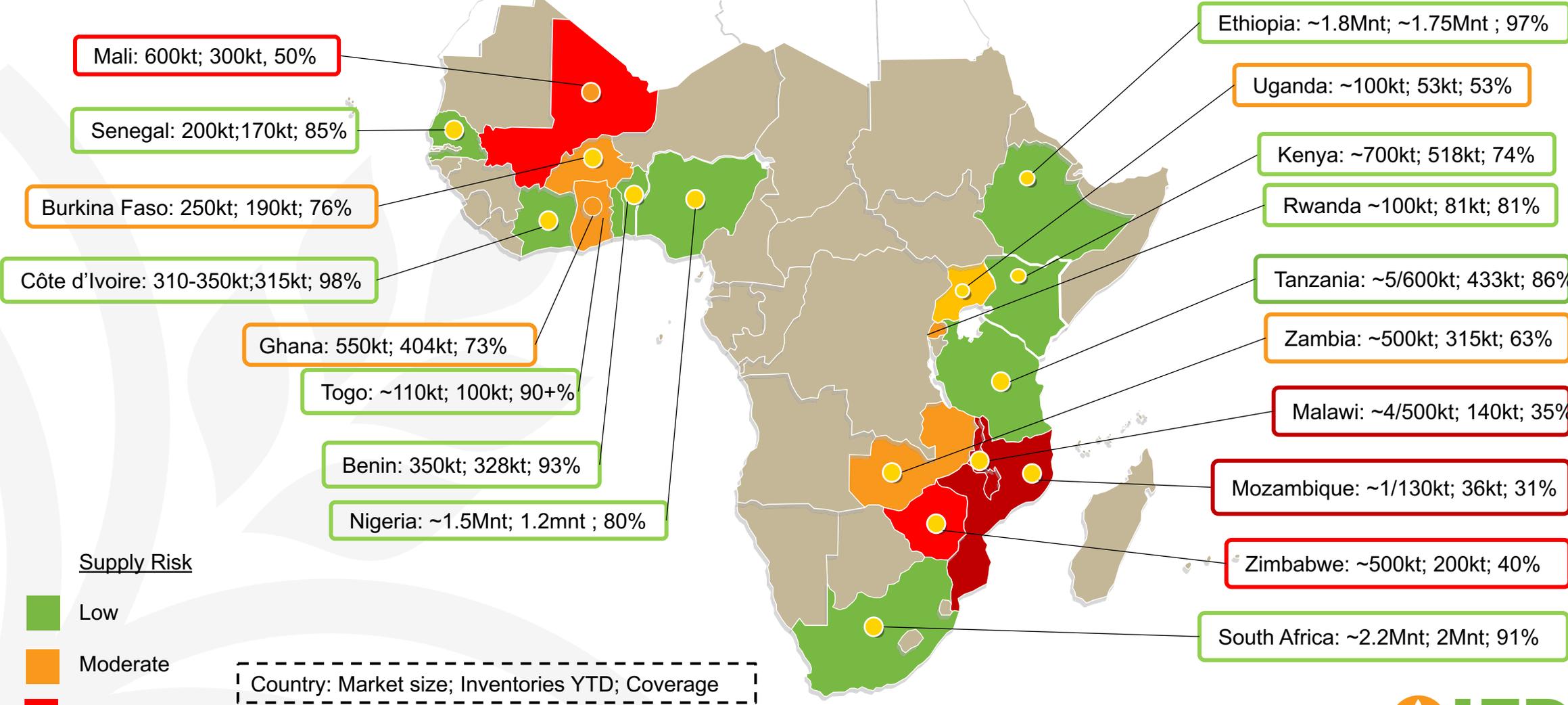
Africa Fertilizer is the leading provider of fertilizer data and information for Africa to support market transparency, improved decision making, and a more prosperous agriculture sector.

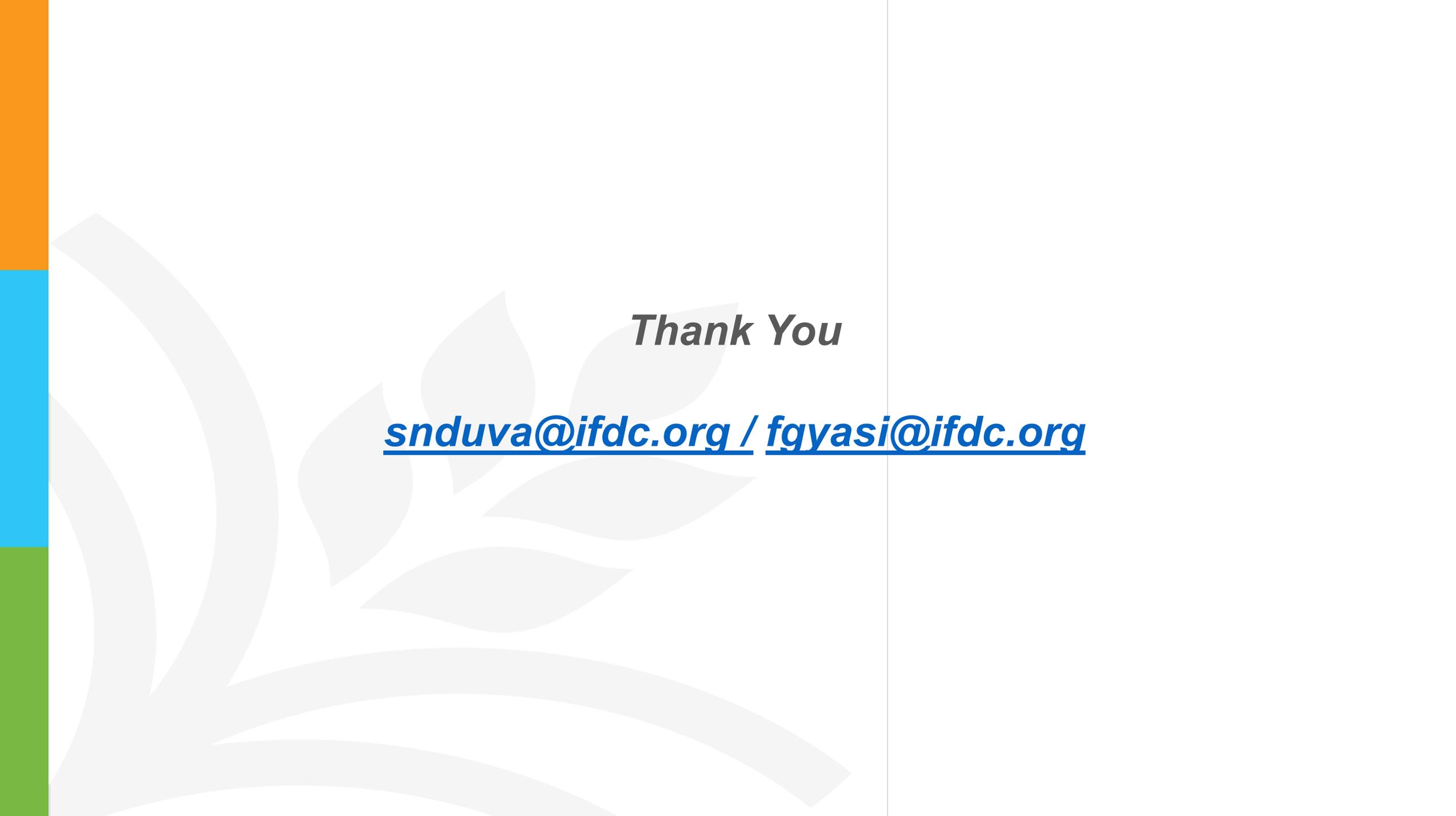
## Fertilizer Information in Africa Available to All

Africa Fertilizer is an initiative under the International Fertilizer Development Center (IFDC) that seeks to provide clear, relevant, and opportune data and market analysis on fertilizers in Sub-Saharan Africa. Our aim is to support the implementation of continental, regional, and national agricultural policies; support the growth and development of competitive markets; and stimulate actionable insights within the African



# 2022 Demand vs Inventory: (To November)





*Thank You*

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