



**AFRICA SOUTH OF THE SAHARA
FOOD SECURITY PORTAL**
FACILITATED BY IFPRI

Agricultural Data & the Food Security Portal

3rd PAFO Continental Briefing
29 November 2015, Durban, South Africa

Summer Allen

International Food Policy Research Institute



The [European Commission](#) represents the interests of the European Union by proposing new legislation to the European Parliament and the Council of the European Union and ensuring that EU law is correctly applied by member countries.





Current Data and Further Needs

- Satellite and mobile applications are becoming more practical.
- Advances in data access include land records, soil mapping, and satellite-derived production estimates.
- The region is still restricted in terms of information availability and technology.
- For producers, price and market discovery continues to be difficult.
- For policymakers, identification of opportunities and constraints can be complicated.

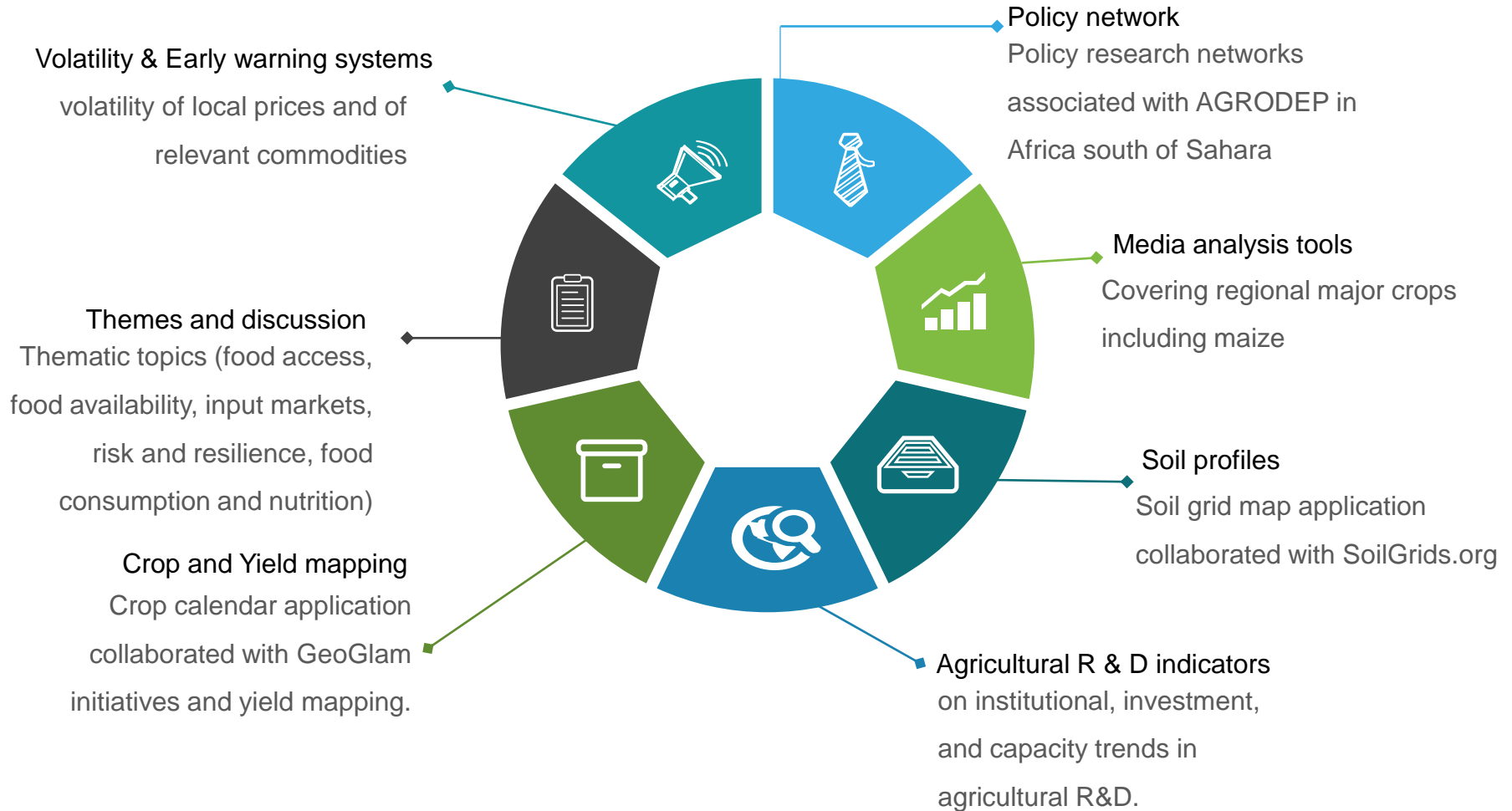


Role of Food Security Portal

- Provide regional- and country-level information to POs and policy makers.
- Provide a panel of several early warning tools for POs to be alerted on price and production volatility and be able to become more resilient to shocks.
- Provide relevant research and lessons learned on food security.
- Enable virtual and actual dialogues through broad network.
- Through further coordination, can provide platform for information sharing between POs and evaluate price transmission.
- Influence policy for more effective efforts to increase food security.



Main Features



Mobile-Adapted Platform

Expanding Knowledge, Informing Policy

Register

Global Commodities

Volatility Warning

SOFT WHEAT

Low Volatility 11/25/2015

1351 days in low volatility

MAIZE

Low Volatility 11/25/2015

1220 days in low volatility

HARD WHEAT

Low Volatility 11/25/2015

1203 days in low volatility

RICE

Low Volatility 11/25/2015



Upcoming Virtual Dialogue:
Constraints and Opportunities for
Fertilizer Use

Read the story



Why Paying Attention
to Gender Matters for
Climate Change
Adaptation

Read the story



Encouraging Inclusive
Growth

Read the story

THEMES AND DISCUSSIONS



Themes and Discussion

Food Availability

[More](#)



3/3

Unpacking Post-Harvest Losses: A Meta-Analysis

Input Markets

[More](#)



1/3

Macroeconomic Policy and Agriculture

Food Access

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Measuring Food Access: Why Research Methods Matter

Risk and Resilience

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Increasing Resilience Requires an Effective Framework for Measurement

Food Consumption

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Women's Role in Dietary Diversity

External Shocks

[More](#)

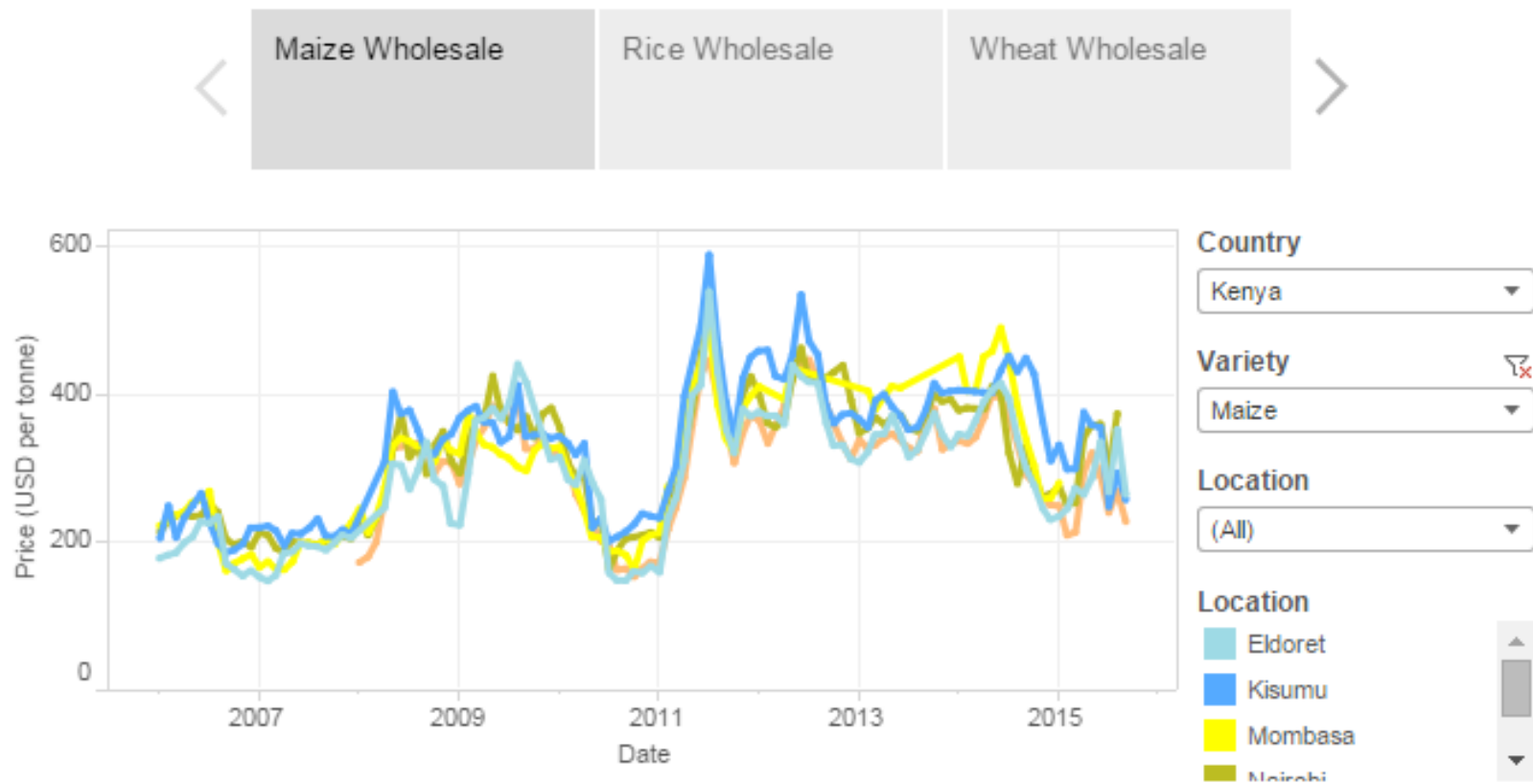


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Ethiopia Facing Severe Drought



Wholesale Prices



← Undo → Redo |← Reset



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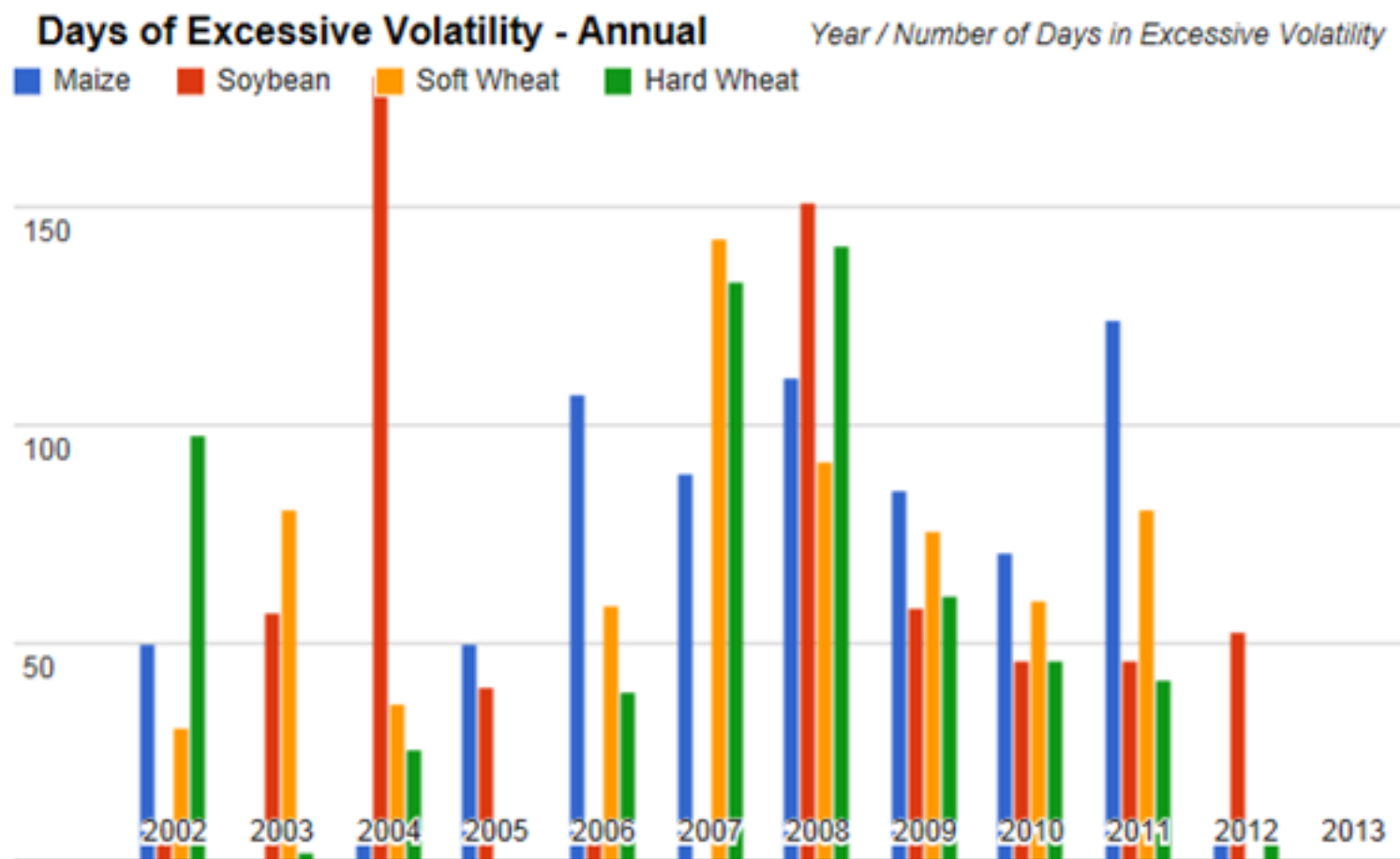


Price Volatility- Impacts on Producers

- High price volatility **increases expected producer losses**
- High price volatility increases **misallocation of resources**
- Increased price volatility **generates the possibility of larger net returns but only in the short term**



Measuring Excessive Price Volatility

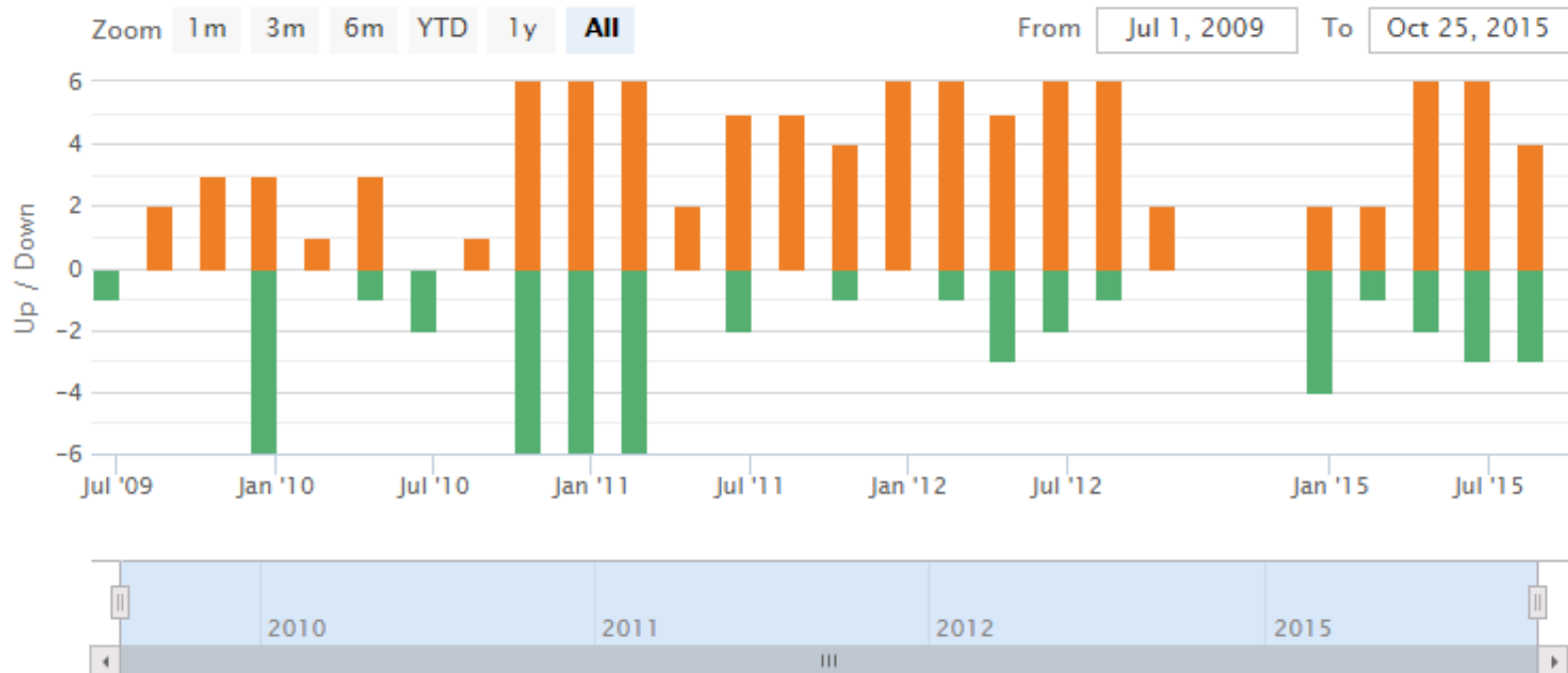


Please note: Days of excessive volatility for 2013 are through March 2013



Media Analysis

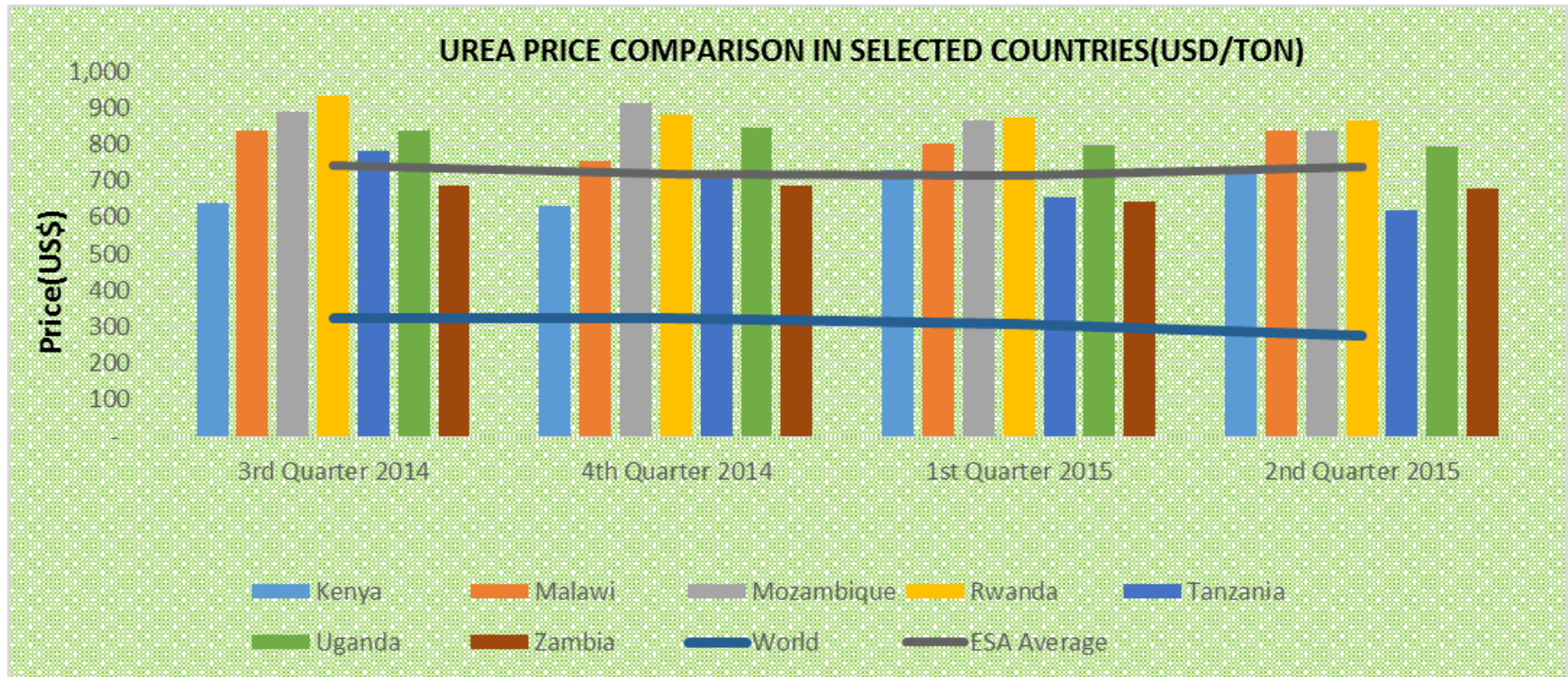
Media analysis for Maize



Each day, the global food- and commodity-related news articles located on the [News](#) section of the Food Security Portal are loaded into the Food Security Media Analysis System. Then the system updates the news article database and mines the complete corpus to generate up-to-date media daily analysis to produce valuable information that may influence global commodity price volatility and food security.



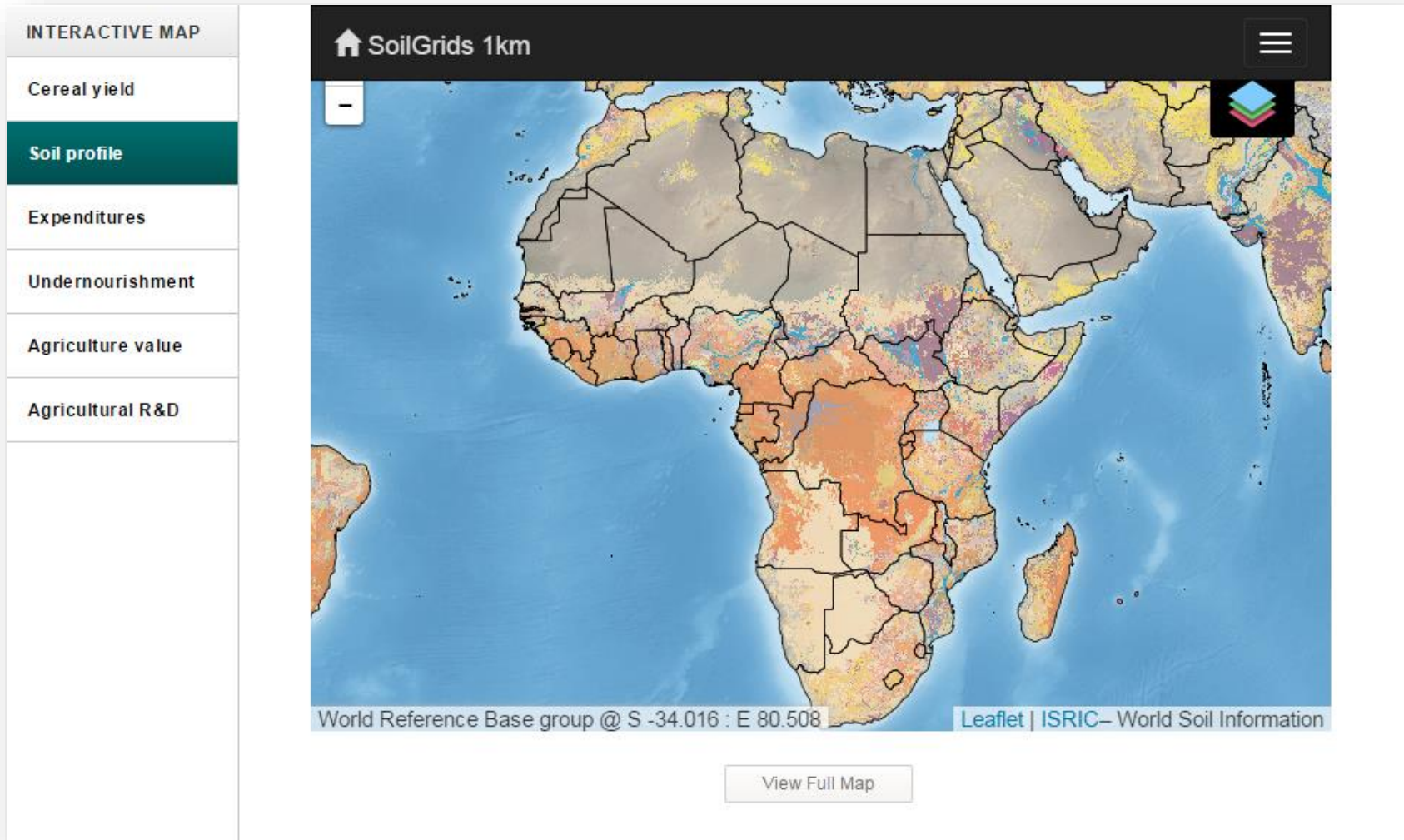
Input Prices



Source: AMITSA



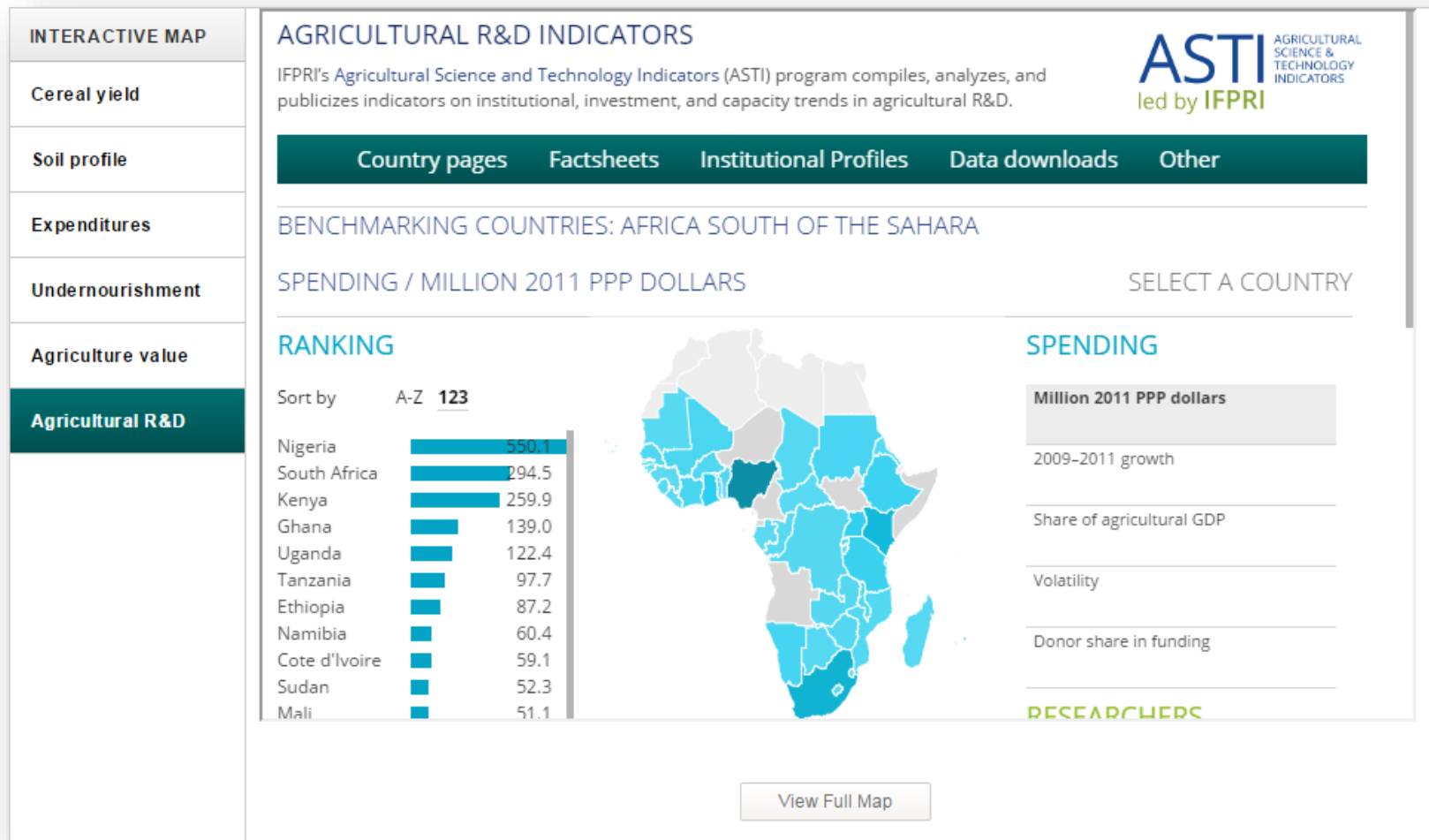
Soil Profiles



SoilGrids1km is a collection of updatable soil property and class maps of the world at a relatively coarse resolution of 1 km produced using state-of-the-art model-based statistics.



Agricultural R&D Indicators



IFPRI's [Agricultural Science and Technology Indicators](#) (ASTI) program compiles, analyzes, and publicizes indicators on institutional, investment, and capacity trends in agricultural R&D.



Global Nutrition Report

Eastern

- Burundi (Français)
- Comoros (Français)
- Djibouti (Français)
- Eritrea
- Ethiopia
- Kenya
- Madagascar (Français)
- Malawi
- Mauritius
- Mozambique
- Rwanda
- Seychelles
- Somalia
- South Sudan
- Uganda
- United Republic of Tanzania
- Zambia
- Zimbabwe

Northern

- Algeria
- Egypt
- Libya
- Morocco
- Sudan
- Tunisia

Southern

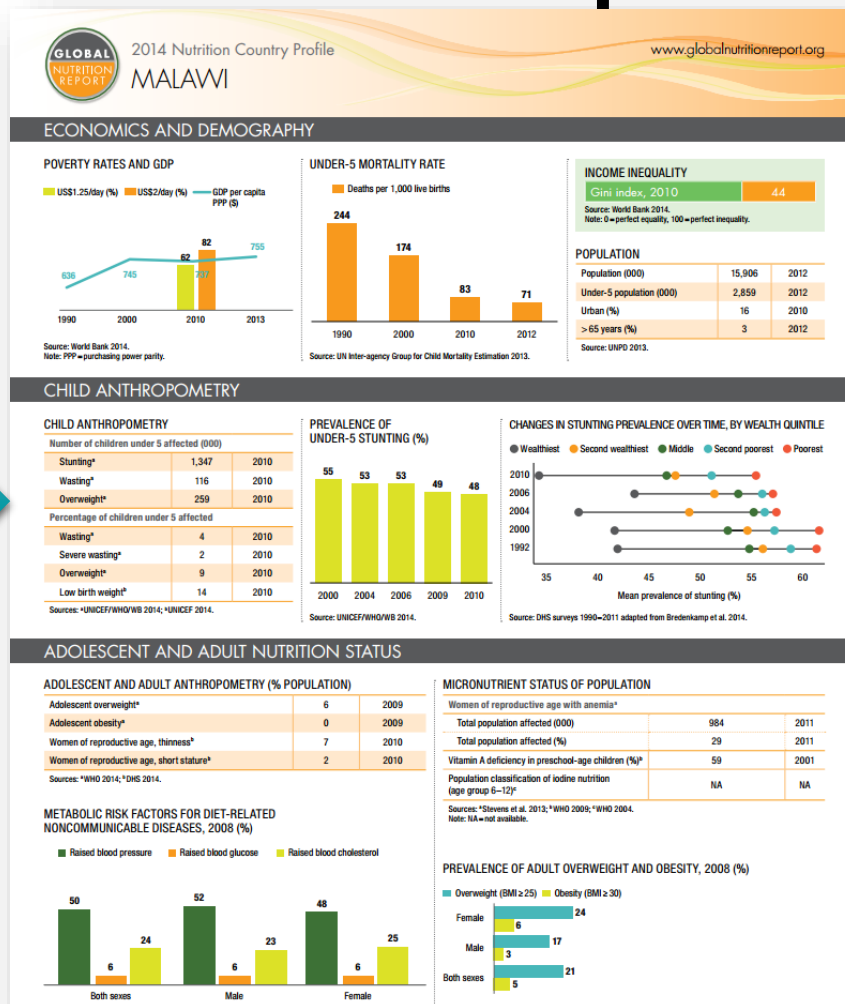
- Botswana
- Lesotho
- Namibia
- South Africa
- Swaziland

Western

- Benin (Français)
- Burkina Faso
- Cabo Verde
- Cote d'Ivoire (Français)
- Gambia
- Ghana
- Guinea (Français)
- Guinea-Bissau
- Liberia
- Mali (Français)
- Mauritania (Français)
- Niger (Français)
- Nigeria
- Senegal
- Sierra Leone
- Togo

Middle

- Angola
- Cameroon
- Central African Republic (Français)
- Chad
- Congo (Republic of the) (Français)
- Democratic Republic of the Congo (Français)
- Equatorial Guinea
- Gabon (Français)
- Sao Tome and Principe



This Global Nutrition Report tracks worldwide progress in improving nutrition status, identifies bottlenecks to change, highlights opportunities for action, and contributes to strengthened nutrition accountability. The report series was created through a commitment of the signatories of the Nutrition for Growth Summit in 2013.

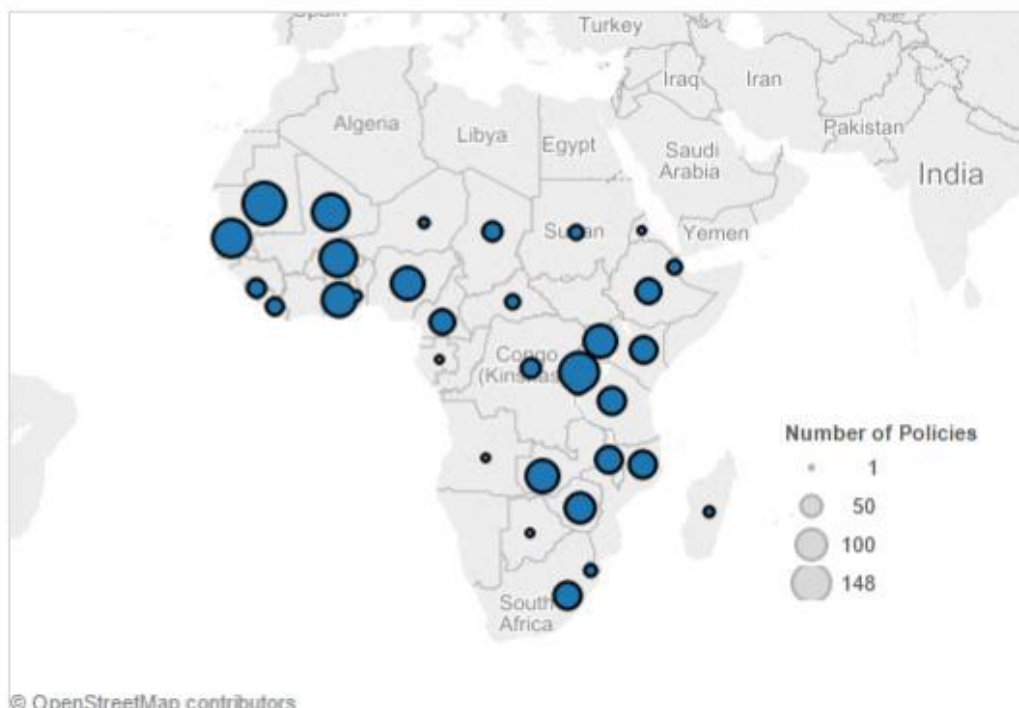


Agricultural Policy Tool Kit

Policy Decision Analysis

Country

(All)



Country	Title	Description 2	URL	Year of Poli
Angola	Access to credit	A credit line of USD 3..	http://www.fao.org/in-actio..	2010
	Import ban	The Government ban..	http://www.fao.org/in-actio..	2009
Botswana	General input meas..	The Integrated Suppo..	http://www.fao.org/in-actio..	2010
Burkina Faso	Achats publics aupr..	Avis d'Appel d'offres n..	http://www.fao.org/in-actio..	2013
	Alimentation scolaire	Assistance alimentair..	http://www.fao.org/in-actio..	2008
		Assistance alimentair..	http://www.fao.org/in-actio..	2008
		Le Conseil des minitre..	http://www.fao.org/in-actio..	2014
	Autres mesures ay..	Levée des mesures d'i..	http://www.fao.org/in-actio..	2010
	Autres mesures ay..	Arrêté n° 2011-0221/..	http://www.fao.org/in-actio..	2011
	Autres mesures de ..	Adoption de la Stratég..	http://www.fao.org/in-actio..	2011

Data Source: FAO (<http://www.fao.org/in-action/fapda/tool/index.html#main.html>)




Disclaimer: Data and information released from here are provided on an "AS IS" basis from data source. Availability of this data and information does not constitute scientific publication. Policies presented in this chart may contain errors or be incomplete.



Virtual Dialogues

How we can improve access to fertilizers in Africa South of the Sahara

 New topic

TOPIC / TOPIC STARTER	Replies	Last post
 What is the market structure? How much is the global market structure affecting Africa (which imports most of its fertilizer)? new by Soonho.Kim » Thu, 08/27/2015 - 16:54	0	by Soonho.Kim Thu, 08/27/2015 - 16:54
 What is the role of policy? new by Soonho.Kim » Thu, 08/27/2015 - 16:54	0	by Soonho.Kim Thu, 08/27/2015 - 16:54
 What opportunities exist and what are some examples of successful interventions? new by Soonho.Kim » Thu, 08/27/2015 - 16:54	0	by Soonho.Kim Thu, 08/27/2015 - 16:54
 What are constraining factors (e.g., infrastructure, production, information, economic) new by Soonho.Kim » Thu, 08/27/2015 - 16:52	0	by Soonho.Kim Thu, 08/27/2015 - 16:52

 New topic

- Forum Tools -

Last post ▼

Down ▼

Sort



Actual Dialogues

Connecting the Dots South-South Learning

- Zambia
- Tanzania
- Mozambique
- Ethiopia
- Senegal
- Burkina Faso

Local partners include

- Indaba Agricultural Policy Research Institute (IAPRI)
- REPOA
- MINAG
- Ethiopian Economics Association (EEA)
- GRAD Consulting Group

**Pan-African
Food
Security
Information
Group**



Network of Experts


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supporters Select Language ▼

Registration

[VIEW](#) [TRACK](#)

Please enter the following information to join this network.



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Name *

Position

Email *

Country
 - None - ▼

Institution

Office

FIELD OF SPECIALIZATION

You can choose more of the following items using the "control" key on your keyboard.






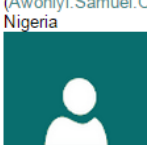
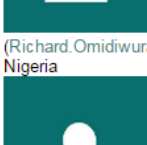
Sector where you work
 - None - ▼

Scope
 Local
 Community
 National
 Regional
 Global

Specialization
 Agribusiness
 Agricultural Markets and Prices
 Agricultural Production and Technology
 Development Economics
 Environmental and Resource Economics or Policy

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