



Federal Office for Agriculture FOAG

Ethiopia Food System Profile

Better understanding food systems at country level The Alliance of Bioversity International and the International Center for Tropical Agriculture (CIAT) delivers research-based solutions that address the global crises of malnutrition, climate change, biodiversity loss, and environmental degradation.

The Alliance focuses on the nexus of agriculture, nutrition, and environment. We work with local, national, and multinational partners across Africa, Asia, and Latin America and the Caribbean, and with the public and private sectors and civil society. With novel partnerships, the Alliance generates evidence and mainstreams innovations to transform food systems and landscapes so that they sustain the planet, drive prosperity, and nourish people in a climate crisis.

The Alliance is part of CGIAR, a global research partnership for a food-secure future dedicated to transforming food, land, and water systems in a climate crisis.

www.alliancebioversityciat.org www.cgiar.org

Citation:

Chege, CGK; Béné, C; Lundy, M; Hernández, R; Wiegel, J; Achicanoy, H. Ethiopia Food System Profile. Better understanding food systems at country level. CIAT Publication No. 546. International Center for Tropical Agriculture (CIAT), Cali, Colombia. 35 p.

Cover photo: Lesly Derksen/Unsplash

© CIAT 2023. Some rights reserved.

This work is licensed under a Creative Commons Attribution 4.0 International License (CC-BY 4.0). <u>https://creativecommons.org/licenses/by/4.0/deed.en</u>

June 2023

Ethiopia Food System Profile

Better understanding food systems at country level



Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs, Education and Research EAER Federal Office for Agriculture FOAG





Acknowledgements

This work is funded by the Swiss Federal Office for Agriculture.

The Alliance of Bioversity International and CIAT would like to thank the participants in multi-stakeholder dialogues in Ethiopia for their support in testing and improving this analytical framework.

Contents

What is a country food system profile?	<u>6</u>
Why food system country profiles are needed	<u>7</u>
Ethiopia Food System Profile	<u>9</u>
Drivers	<u>10</u>
Actors and activities	<u>15</u>
Food environment	<u>20</u>
Consumer behavior	<u>25</u>
Outcomes	<u>30</u>
Ethiopia Food System Profile: Possible areas of action	<u>36</u>

What is a country food system profile?

A Sustainable Food System Country Profile is a short document that synthesizes in a clear, concise, and graphic manner the critical information necessary for public and private decision-makers to obtain a holistic/systemic but synthetic overview of the components that are recognized to be critical for the sustainability of countries' food systems.

Country profiles are more than a simple compilation of national indicators. They are constructed and designed to identify hotspots of unsustainability in the food systems and prioritize interventions at multiple scales to address these through targeted actions and investments. An important feature of the country profiles is that they are co-produced with key public and private food system stakeholders engaged in both identifying the data and validating results and emerging key messages.

The use of a common framework also offers an opportunity for a global comparative analysis on food system transitions and transformations – not just at national but also international level – thus generating insights and lessons for decisionmakers.









Why food system country profiles are needed

Food systems are complex, multi-dimensional and multisectoral. Better understanding their dynamics and assessing their performances is critical if we want to strengthen their contribution to the Sustainable Development Goals.

A flurry of initiatives has emerged in the last few years, that propose multi-indicator "compendiums" intended to describe more holistically national food systems. Many of those compendiums, however, are made of 100 or more indicators. As such, they are often overwhelming the policy-makers who they were initially intended to guide, thus defeating their own purpose.

There is a need to find a "middle ground" whereby the complexity, dynamic, and multi-sectoral nature of those food systems is still captured, but boiled down to a more manageable combination of key indicators that help prioritizing entry points for interventions. The process of identifying those key indicators also needs to follow a clear, transparent and reproducible protocol/methodology so that comparison between countries (and over time) remains possible, yet accounts for the specificity of each country's food systems and its large sociocultural and political context.

Finally, the process needs to remain participative, involving the main stakeholders of the country's food system and not just experts.

The objective of the Food System Country Profile project is to demonstrate the feasibility of such an approach, initially by developing and field-testing a protocol in three pilot countries: Bangladesh in Asia, Ethiopia in Africa and Honduras in Latin America, with the ambition to expand the approach to other low and middle-income countries in the near future.

The final product, which is in the form of <u>Food System Country</u> <u>Profiles</u>, offers a tool to facilitate more informed and evidencesupported decisions by key stakeholders around food systems.



Ethiopia Food System Profile

This Ethiopia food system profile is composed of **three main blocks of information**: **(a)** system drivers; **(b)** system components; and **(c)** system outcomes.

The **first main block** recognizes how environmental, demographic, technological, political, economic, social, and cultural drivers influence the food system—from production to consumption. The **second block** considers three components of the system: its actors and activities, the food environment, and consumer behavior. The **third block**, which is the last, corresponds to the system's outcomes in terms of the nutritional and health status of the population, food security, and the country's environmental and socioeconomic conditions.

This profile also presents a **comparison** of Ethiopia's data **against three groups**: the country's geographic neighbors (*Eritrea, Kenya, Sudan, Somalia, and South Sudan*), countries with similar GDP per capita (*Burkina Faso, Guinea-Bissau, Mali, Uganda, and Zambia*), and the world average.

Countries with similar GDP

Geographic

neighbors

per capita

Ethiopia

Global average

Fair

Food system drivers are the major factors known to directly influence the activities or the actors of the food systems. They include factors such as technological innovations, climate change, growing concerns about food safety, population growth or urbanization, and changes in lifestyle.



Eritrea, Kenya, Sudan, Somalia, and South Sudan
 Burkina Faso, Guinea-Bissau, Mali, Uganda, and Zambia

* Temperature change; Nitrogen fertilizer used; Food exports; Foreign direct investment (FDI), net inflows; Urban population growth; Population growth.

Fair

	Nitrogen fertilizer used (2010-2019) Kg/Ha Proxy for change in technological innovations	10 2010	23.5 2019	13.5 difference	Improve But doing worse than the world average
	Temperature change (2011-2020) C degrees Proxy for changes in climate	1.1 2011	1.4 2020	0.3 difference	Deteriorate But doing better than the world average
	Food exports (2011-2020) % of merchandise exports Proxy for changes in trade policies	74.7 2011	77.6 2020	2.9 difference	Unchanged And doing better than the world average
	Foreign direct investment (FDI), net inflows (2011-2020) % of GDP Proxy for the contribution of the food system to national economy	2 2011	2.2 2020	0.2 difference	Improve And doing better than the world average
	Urban population growth (2002-2017) Annual % growth Proxy for changes in urbanization and consumer lifestyle	1.3 2002	2.2 2017	0.9 difference	Deteriorate And doing worse than the world average
	Population growth (2011-2020) Annual % growth Proxy for changes in population and consumption patterns	2.8 2011	2.5 2020	-0.3 difference	Improve But doing worse than the world average



The Ethiopian food system is currently driven by various factors from production, consumption, distribution and trade. Out of the six indicators used to measure drivers of the Ethiopian food system, three have improved over the past decade, two deteriorated and one remained unchanged, which shows a good trend for the country's food system drivers overall. The geographical neighboring countries have excellent performance with all six indicators showing improvements over the past decade.

Fair

In Ethiopia, improved technological innovations (measured by fertilizer use) stands out as one of the factors that has positively influenced the country's food system from the production/supply side through improvements in production and productivity. Ethiopia recorded the highest percentage increase in fertilizer use (135%) between 2010 and 2019 compared to her neighboring countries with similar GDP per capita (61%), geographic neighbors (132%) and the global average (8%).

Climate change is also an important factor driving the Ethiopia food system as depicted by the increasing temperatures over years. Increased temperatures could negatively affect the country's food system due to the weather effects on the food production and supply. Ethiopia has experienced a 27% increase in temperatures over the past

Fair

decade compared to her neighboring countries who experienced a smaller increase and even decrease in temperatures for some countries. However, the average global temperature change is double that of Ethiopia with a 88% increase in temperatures over the same period. Favorable trade policies in Ethiopia have contributed to an increase in the food export within the country over the decade.

Increased food export is beneficial in bringing in foreign exchange to the country but at the same time may put strain on the country's food basket when more of the local production is exported and insufficient amounts are left in the country for local consumption.











14 | Ethiopia Food System Profile

DRIVERS

In terms of food consumption/demand, Ethiopia has experienced tremendous urban population growth in the past decade. The Ethiopian urban population has been growing faster (at 2.2%) than neighboring countries with similar GDP per capita (decrease by 1.7%), the geographic neighbors (1.4%) and the global average (0.6%). Urbanization comes with new consumption behavior and negative lifestyle changes, and these affect consumer diets and nutritional status. Change in overall population growth is another factor driving Ethiopia's food system. Population growth means increased food demand, which may affect access, consumption and overall food security. Ethiopia experienced a 0.3% decrease in population growth between 2011 and 2020 a percentage similar to her geographical neighbors but lower than the neighbors with similar GDP per capita (0.1% decrease) and global average (0.2% decrease).



Fair

Very concerning

Food system actors and activities include five major types of activities and their actors: food production, storage and distribution, food processing and packaging, and retail and marketing.



Eritrea, Kenya, Sudan, Somalia, and South Sudan

Burkina Faso, Guinea-Bissau, Mali, Uganda, and Zambia

* Food production index; Livestock production index; Access to electricity; Agriculture, forestry, and fishing, value added; Modern grocery retailers per 100,000 inhabitants.

Very concerning

ACTORS AND ACTIVITIES

Food production index (2014-2016 = 100) (2009-2018) Units Volume of food produced	73.3 2009	100.4 2018	27.1 difference	Improve But doing worse than the world average
Livestock production index (2014-2016 = 100) (2009-2018) Units Volume of livestock products produced	88.7 2009	96.2 2018	7.5 difference	Improve But doing worse than the world average
Access to electricity (2010-2019) % of population Proxy for food storage and distribution capacity	33.4 2010	48.3 2019	14.9 difference	Improve But doing worse than the world average
Agriculture, forestry, and fishing, value added (2011-2020) % of GDP Proxy for extent of food processing in country	41.2 2011	35.5 2020	-5.7 difference	Deteriorate But doing better than the world average
Modern grocery retailers (2017-2018) Number per 100,000 inhabitants Proxy for extent of modernization in food retail	0.1 2017	0.1 2018	0 difference	Unchanged But doing worse than the world average







Very concerning

Three out of the five indicators in Ethiopia improved over the past decade while the food-processing indicator deteriorated, and the retail and market indicator remained unchanged. The overall performance of the Ethiopia indicators in this component were rated as very concerning, while neighboring countries with comparable GDP per capita and Ethiopia's geographical neighbors' performance was fair in this category.

The Ethiopian agricultural production system has been improving overtime. Likewise, the food and livestock production averages have increased in the past decade although still lies behind the global averages and averages of the geographical neighboring countries and her neighbors with similar GDP per capita.



Very concerning

In terms of food storage and distribution (measured using access to electricity), Ethiopia is doing better than her neighboring countries with similar GDP per capita (48% vs. 36% of the population), but the global averages are almost double of Ethiopia's rates (86.6%). Food processing is still low in Ethiopia and has been decreasing over the years although overall Ethiopia is doing better than her neighboring countries and the global averages.







Agriculture, forestry, and fishing, value added (2011-2020) % of GDP







Very concerning

Modernization of food retail is very low in Ethiopia compared to other comparison countries as well as the global averages. This shows overreliance of traditional food retail markets in the country and there may be need to diversify food environments to increase access and affordability.



FOOD ENVIRONMENT

Concerning

Food Environment refers to the different interacting processes that directly influence key characteristics of food, including their availability, quality, affordability or safety.



Eritrea, Kenya, Sudan, Somalia, and South Sudan

Burkina Faso, Guinea-Bissau, Mali, Uganda, and Zambia

* Average dietary energy supply adequacy; Consumer Prices, Food Indices (2015 = 100); Retail value of packaged food sales per capita; Diarrheal diseases-Prevalence-all ages-both sex; Government commitment to improved Nutritional Standards; Food loss (% of total waste/total domestic supply).

FOOD ENVIRONMENT

Concerning

	Average dietary energy supply adequacy (2010-2019) % (three-year average) Proxy for in-country food availability	98 2010	111 2019	13 difference	Improve But doing worse than the world average
5	Consumer Prices, Food Indices (2015 = 100) (2012-2021) Units Affordability of food	80.1 2012	257.7 2021	177.6 difference	Deteriorate And doing worse than the world average
=	Retail value of packaged food sales per capita (2017-2018) USD/person/year Proxy for convenience foods available	16.4 2017	16.2 2018	-0.2 difference	Unchanged But doing worse than the world average
	Diarrheal diseases-Prevalence-all ages-both sex (2010-2019) % of population Proxy for food safety	0.018 2010	0.017 2019	-0.001 difference	Improve But doing worse than the world average
	Government commitment to improved Nutritional Standards (2012-2021) Units (0-100 score) Proxy for promotion of healthy food	73.5 2012	50 2021	-23.5 difference	Improve And doing better than the world average
	Food loss (% of total waste/total domestic supply (2012-2021) % of total domestic food supply Food loss and waste	5.2 2012	5.4 2021	0.2 difference	Unchanged And doing better than the world average

Average dietary energy supply adequacy (2010-2019)



Consumer Prices, Food Indices (2015 = 100) (2012-2021) Units



FOOD ENVIRONMENT

Concerning

The Ethiopia food environment is presented by food availability, affordability, convenience, quality and safety, promotion advertisement and information, and food loss and waste. The overall performance of the Ethiopia food environment is concerning with only two indicator having improved or remained unchanged in the past decade and four indicators deteriorated. The indicator for food quality and safety remained unchanged.

The food availability in Ethiopia (measured by Average dietary energy supply adequacy) has improved over the past decade and it is higher than the geographical and similar GDP per capita neighboring countries but lower than the global averages. However, food affordability remains a big challenge in Ethiopia. Between 2012 and 2021, food was more unaffordable in Ethiopia than the countries with comparable GDP per capita and global averages.

The Ethiopia consumer price food index (proxy for food affordability), increased by more than 200% compared to 82% increase for the global averages, during the past decade.

FOOD ENVIRONMENT

Concerning

Ethiopia is performing poorly in terms of offering convenience foods compared to all other comparison groups. The convenience foods (measured by retail value of packaged food sales per capita (USD)) is only 3% of the global average and about a third of the neighboring countries' averages as of 2018.



Retail value of packaged food sales per capita (2017-2018) USD/person/year



Diarrheal diseases-Prevalence-all agesboth sex (2010-2019) % of population



Government commitment to improved Nutritional Standards (2012-2021) Units (0-100 score)



Food loss (% of total waste/total domestic supply) (2012-2021) % of total domestic food supply



FOOD ENVIRONMENT

Concerning

The Ethiopian government show commitment to improve the nutritional standards in the country although the overall score decreased from 73.5 out of 100 in 2012 to 50 in 2021. The score is higher for the neighboring countries with similar GDP per capita (44) but much lower than the global averages (62) as of 2021. Ethiopia just published the food based dietary guidelines in 2022 to guide the population on consumption of healthy diets.

Food loss and waste remains very low in Ethiopia (5.4% in 2021), and in all the other three groups, but the loss and waste is increasing overtime in all the groups, an unfavorable performance for the food system.



24 Ethiopia Food System Profile

CONSUMER BEHAVIOR

Concerning

Consumer behavior refers not only to what people choose to buy and to eat but also people's taste and preference, their socio-economic characteristics (for instance their income or education level) as well as their cultural identities ("who they are")



Eritrea, Kenya, Sudan, Somalia, and South Sudan

Burkina Faso, Guinea-Bissau, Mali, Uganda, and Zambia

* Population, male; Adult literacy rate, population 15+ years, both sexes; Poverty headcount ratio at \$1.90 a day (2011 PPP); Retail value of ultra-processed food sales per capita; Share of dietary energy supply derived from cereals, roots and tubers.

CONSUMER BEHAVIOR

Concerning

	Population, male (2011-2020) % of total population Gender structure of consumers	49.9 2011	50 2020	0.1 difference	Unchanged And doing better than the world average
	Literacy rate, both sexes (2008-2017) % of people >=15 years old Education structure of consumers	39 2008	51.8 2017	12.8 difrerence	Improve But doing worse than the world average
	Poverty headcount ratio at \$1.90 a day (2011 PPP) (2006-2015) % of population Proxy for economic structure of consumers	38.5 2006	30.8 2015	-7.7 difference	Improve But doing worse than the world average
• • • • • • •	Retail value of ultra-processed food sales per capita (2017-2018) USD/Person/Year Proxy for consumption of processed foods	20.7 2017	20.8 2018	0.1 difference	Unchanged And doing better than the world average
	Share of dietary energy supply derived from cereals, roots and tubers (2009-2018) % (three-year average) Proxy for consumption of healthy diets	76 2009	75 2018	- 1 difference	Unchanged But doing worse than the world average



Adult literacy rate, both sexes (2008-2017) % of people >=15 years old



CONSUMER BEHAVIOR

Concerning

Performance of the Ethiopian consumer behavior falls under concerning category, with two indicators recording improvements and three remained unchanged over the past decade. Ethiopian consumer choices are influenced by consumers' socio-economic status, their education and gender and the consumer preferences and tastes.

The gender structure of the Ethiopian consumer population is almost balanced, at 50% men but the percentage of male population is increasing. Ethiopia has the least educated consumer population with an adult literacy of 52% compared to 83% global average, 63% of the geographic neighbors and 60% for the neighbor countries with similar GDP per capital. Education level influences consumer behavior and dietary choices and eventually contributes to the nutrition status of the people.



Concerning

Ethiopia is doing better than her neighboring countries (both geographic and those with similar GDP) in terms of poverty levels (31% of the population compared to 48% and 49% respectively), an indication of improved consumer economic empowerment, but these averages are much higher than the global average (11%).

Poverty headcount ratio at \$1.90 a day (2011 PPP) (2006-2015) % of population

CONSUMER BEHAVIOR





Retail value of ultra-processed food sales per capita (2017-2018) USD/Person/Year



Share of dietary energy supply derived from cereals, roots and tubers (2009-2018) % (three-year average)



CONSUMER BEHAVIOR

Concerning

In terms of consumer preferences, there is an increase in sales of ultra-processed foods in Ethiopia as well as all other three comparable groups. The rate of increase is lower in Ethiopia compared to the other groups. Similarly the proportion of dietary energy supply derived from energy dense foods is highest in Ethiopia (75%) compared to all other groups, albeit recording a very small decrease in the past decade. This is an indication of over-reliance in energy dense foods in the country, which is not good for Ethiopia.



O U T C O M E S

Fair

Food system outcomes can be grouped into four major categories: the environmental, nutrition and health, economic and social impacts of food systems. Those different outcomes are generally characterized by trade-offs and many of the key decisions that are made by policy makers need to account for those trade-offs to avoid unintended consequences.



Eritrea, Kenya, Sudan, Somalia, and South Sudan

Burkina Faso, Guinea-Bissau, Mali, Uganda, and Zambia

* Emissions (CO₂ equivalent), Agriculture total (gigagrams=1000 MT/Ha); Percent of national land area with tree cover; Food, beverages and tobacco; Agriculture, forestry, and fishing, value added per worker; Prevalence of undernourishment; Prevalence of obesity in the adult population (18 years and older); Employment in agriculture, female; Gini index.

\sim		т.	<u>_</u>	\sim		റ
					M	<u></u>
U .	U		~	<u> </u>	1.61	~

••••	Emissions (CO ₂ equivalent), Agriculture total (2009-2018) Gigagrams/Ha Proxy for contribution of the food system to climate change	2.4 2009	2.7 2018	0.3 difference	Deteriorate And doing worse than the world average
	Percent of national land area with tree cover (2011-2020) % of national land area Proxy for pressure of the food system on land	10.5 2011	10.3 2020	-0.2 difference	Unchanged But doing worse than the world average
	Food, beverages and tobacco (2006-2015) % of value added in manufacturing Proxy for the contribution of the food system to national economy	46.6 2006	36.6 2015	-10 difference	Deteriorate But doing better than the world average
6	Agriculture, forestry, and fishing, value added per worker (2010-2019) Constant 2015 USD/worker Proxy for financial performance of the food system	597.9 2010	804 2019	206.1 difference	Improve But doing worse than the world average
	Employment in agriculture, female (2010-2019) % of female employment Proxy for the impacts of the food system on gender equality	68.2 2010	58.7 2019	-9.5 difference	Deteriorate But doing better than the world average
	Gini index (2006-2015) Units (0-100 score) Proxy for the contribution of the food system to economic inclusion	29.8 2006	35 2015	5.2 difference	Deteriorate But doing better than the world average
	Prevalence of undernourishment (2010-2019) % of population Contribution of the food system to food and nutrition security	27.6 2010	16.2 2019	-11.4 difference	Improve But doing worse than the world average
	Prevalence of obesity in the adult population (2012-2016) % of people >=18 years old Impacts of the food system on consumer health	3.6 2012	4.5 2016	0.9 difference	Deteriorate But doing better than the world average

Emissions (CO₂ equivalent), Agriculture total (2009-2018) Gigagrams/Ha



Percent of national land area with tree cover (2011-2020) % of national land area



O U T C O M E S

Fair

The performance of the Ethiopian food system is measured against four development outcomes: environmental, social, economic and health. Overall, the performance of Ethiopia outcome indicators is fair, with only two indicators showing improvements, five deteriorating and one remaining unchanged over the past decade.

Environment

From the environmental perspective, the Ethiopian food system is contributing negatively to the air quality as shown by a 12.5% increase in the emissions between 2009 and 2018. The data available shows that Ethiopian agriculture had almost double the amount of emissions compared to her neighboring countries with similar GDP per capital, and three times the emissions compared to the geographical neighbors. Ethiopia emissions were still higher than the global average as of 2018.

The percent of national land area with tree cover in Ethiopia has slightly decreased (by 1.9%) over the past decade and it is only a third of the global average (10.3% against 33.5%) but much higher than the geographical neighbors averages (5.8%).

O U T C O M E S

Fair

Economic dimension

On the economic aspects, the contribution of the Ethiopian food system to the national economy has declined in the past decade, whereas the neighboring geographical countries and global averages have both recorded positive contribution to the national economy. Ethiopia has recorded an improvement towards its food system contribution to the national financial performance, although it still lugs much behind the neighboring countries and the global average.





Agriculture, forestry, and fishing, value added per worker (2010-2019) constant 2015 USD/worker



Employment in agriculture, female (2010-2019) % of female employment



 (\cdot, \cdot)



Ο U T C O M E S

Fair

Social dimension

On the social aspects, Ethiopia as well as all the three comparative groups recorded decreased impacts of their food systems on gender equity over the past decade, although Ethiopia is doing better than the neighboring geographic neighbor and the global average. In terms of economic inclusion, Ethiopia is performing poorly compared to all the comparative groups, including the global average. Between 2006 and 2015, all the comparable groups have improved their economic inclusion while that of Ethiopia is deteriorating.



O U T C O M E S

Fair

Health

In terms of health outcomes, Ethiopia has been making impressive progress in improving its nutrition and health situation although the country is still below the global averages. The percentage of undernourished population is higher in Ethiopia (16.2%) than the global average (10.2%) and the neighboring countries with similar GDP per capita (12.4%). However, Ethiopia is doing better than her geographical neighboring countries who have an average of 32.2% of undernourishment. Compared to the three comparative groups, Ethiopia has made the largest improvements in terms of prevalence of undernourishment over the past decade (41% decrease).

On the other hand, **prevalence of adult obesity in Ethiopia is low (4.5%) but it has been increasing** in Ethiopia and the three comparative groups. However, the available data shows Ethiopia has recorded a 25% increase in the prevalence of adult obesity between 2012 and 2016, the highest increase across all the comparative groups. In addition, Ethiopia has the highest obesity rates compared to the other three groups.

Prevalence of undernourishment (2010-2019) % of population





Ethiopia Food System Profile: POSSIBLE AREAS OF ACTION

POSITIVE aspects in the food system that would be important to maintain:



- Ethiopia has good food production but there is need to increase capacity for increased production.
- Low consumption level of ultra-processed foods.
- Ethiopia is doing better than her neighbors in terms of food processing, but this is going down. Efforts are required to keep a positive trend on healthy processing of nutritious foods -without losing nutrients.
- Food storage and distribution is improving, and Ethiopia is doing better than the neighboring countries although still low. Could also think of ways of advancing food distribution –to be more inclusive and modernized.
- Promotion of healthy foods by government of Ethiopia.

Ethiopia Food System Profile: POSSIBLE AREAS OF ACTION

Areas where Ethiopia NEEDS IMPROVEMENT

(If we look at the peer countries, it seems that Ethiopia has the potential to perform better in these areas):



- Technological innovations are quite low in Ethiopia compared to her neighbors
- Low dietary diversity. There is need for Ethiopia people to diversify their diets. Currently there is high consumption of cereals and energy dense foods.
- Sharp increase in urbanization. Need to design food system interventions considering the increasing urbanizations; introduce interventions that will reduce urbanization.
- Low modernization in food retail. Need to improve this given the increasing urbanization rates.
- Food unaffordability. High cost of food is a challenge in Ethiopia.
- Need for access to convenience healthy foods especially with the increasing urbanization.
- Need to attract more foreign investment for improved FDI in the country.



Ethiopia Food System Profile: POSSIBLE AREAS OF ACTION

Elements of the context to REFLECT ON their implications in the system:



- Rapid Urbanization. This is tremendously increasing in Ethiopia. Need to deeply reflect on its effect on food systems and how this could be addressed to avoid negative effects.
- Need to reflect on how trade policies affects a country's food system. Increased food export is beneficial in bringing in foreign exchange to the country but at the same time may put strain to the country's food basket when more of the local production is exported instead of consumed locally.
- Improving the current food distribution channels from traditional to more modernized and inclusive offering opportunities throughout the system for micro, small, and medium-sized businesses- could attract youth?



Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs, Education and Research EAER Federal Office for Agriculture FOAG





The Alliance of Bioversity International and the International Center for Tropical Agriculture (CIAT) is part of CGIAR, a global research partnership for a food-secure future.

Bioversity International is the operational name of the International Plant Genetic Resources Institute (IPGRI).

Headquarters

Via di San Domenico, 1 00153 Rome Italy Tel. (+39) 06 61181

www.alliancebioversityciat.org www.cgiar.org