

IFI Agricultural Investments in Sub-Saharan Africa

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Overview

- > **Origins** of this project (Lawrence/Mercy)
- > **Guiding Question:** How do we identify countries committed to agricultural transformation and AgDev funding partners within those countries?
- > **Today's plan:** Quick slide overview and then Kelsey will share her screen for a dynamic view

One “signal” of IAT commitment is IFI lending

This database contains current project information for the WB, IFAD, and AfDB, and can be used to:

1. Search project data by country
2. Aggregate projects by IFI
3. Aggregate IFI information by country

Some limited data on:

- other sources of funding
- country IAT status and IAT prerequisites

How was this database developed?

1. Access project data and supporting data from source webpages

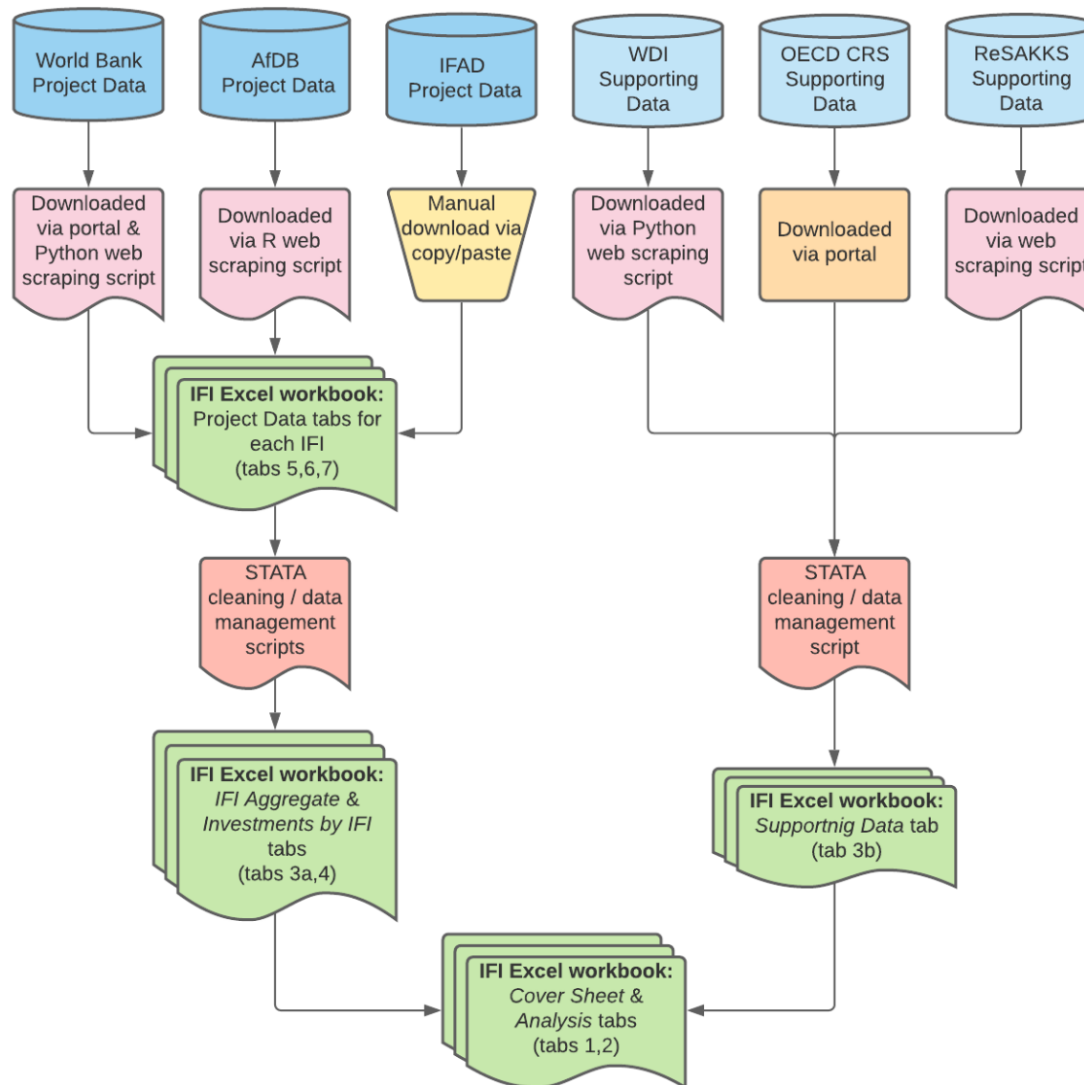
2. Download data, or webscrape using R/Python, into CSV format

3. Import project data into the #411 IFI Excel workbook and format for analysis

4. Clean/combine project data & supporting data and create new indicators

5. Re-export cleaned, country-level data into the #411 IFI Excel workbook

6. Analyze and interpret findings in the #411 IFI Excel workbook using Excel pivot charts and formulas



What can this database show us?

1. Deep dive information

- Full “current” **project** data
- Separated by IFI
- Can be **filtered** by country and sector
- Tabs 5-7 (data not annualized)

Example:

- Ethiopia has **53** current WB projects, **18** to rural/ag, **6** containing the word “**market**” in the project description, across **4** different ETH implementing agencies and **3** projects, including the most recent, with the word “**resilient.**”

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Sort & Find & Filter - Select

B3 *Note that the Commitment Amount is not necessarily the full cost of the project, as it may have alternate sources of funding. Commitment Amount is an aggregate of World Bank loan and grant money, since

World Bank Projects: Sub-Saharan Africa

The below are all "active" projects in SSA countries. Pipeline projects are also available online, but most lack commitment amounts or sector details making it difficult to discern what the project will do. The below do not include regional projects.

*Note that the Commitment Amount is not necessarily the full cost of the project, as it may have alternate sources of funding. Commitment Amount is an aggregate of World Bank loan and grant money, since projects can be funded in multiple different ways depending on the Group providing the funding. See column "WB Institution" for clarity on which Group is financing the project. IBRD focuses 60% of its work on middle-income countries and the rest on creditworthy poorer countries, primarily through loans. IDA works in tandem with IBRD, focusing on the world's poorest countries and providing zero to low-interest loans ("credits"), grants, and debt relief.

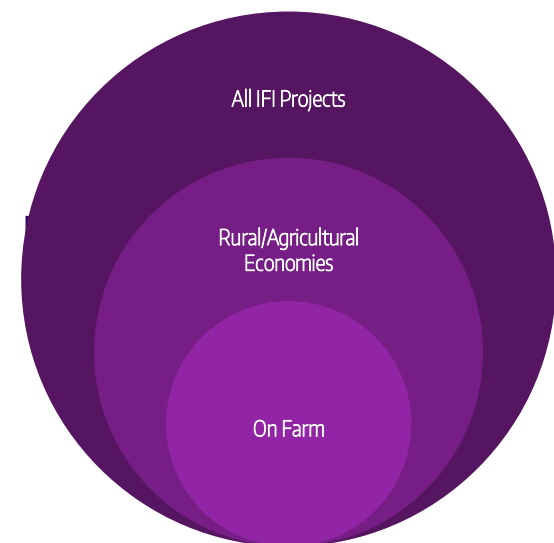
**The Sectors listed here are those by which the Bank categorizes each project. One project may have multiple sectors listed. "*" indicates that a sector is relevant to a project; "0" indicates that it is not.

***Board Approval Date is used as a proxy for the starting date of the project, since no starting date could be identified.

****Not all projects had a closing date. Therefore, the average project duration of all other projects (5.66) was used as an estimate.

	Project I	Country	Project Title	Description	Commitment Amount (USD)*	Status	Board Approv	Closing Da	Project Du
263	256 P174874	Ethiopia	ETHIOPIA WOMEN ENTREPRENEURSHIP DEVELOPMENT PROJECT ADDITIONAL FINANCING		\$ 100,000,000.00	Active	12/10/2020	-	5.66
264	257 P172479	Ethiopia	Strengthen Ethiopia's Adaptive Safety Net		\$ 512,500,000.00	Active	11/25/2020	12/31/25	5.10
265	258 P169943	Ethiopia	Urban Productive Safety Net and Jobs Project		\$ 400,000,000.00	Active	9/30/2020	12/31/25	5.25
266	259 P168074	Ethiopia	AGP2 - Additional Financing		\$ 80,000,000.00	Active	9/15/2020	-	5.66
267	260 P174206	Ethiopia	Ethiopia: COVID-19 Education Response Project		\$ 14,850,000.00	Active	8/19/2020	12/31/21	1.37
268	261 P169080	Ethiopia	COVID-19 Supplemental Financing to the Second Ethiopia Growth and Competitiveness Programmatic Development		\$ 250,000,000.00	Active	6/8/2020	-	5.66
269	262 P172462	Ethiopia	Ethiopia Resilient Landscapes and Livelihoods Project Additional Financing		\$ 12,000,000.00	Active	5/2/2020	-	5.66
270	263 P173750	Ethiopia	Ethiopia COVID-19 Emergency Response	The objective of the COVID-	\$ 82,600,000.00	Active	4/2/2020	06/30/21	1.24
271	264 P169079	Ethiopia	Second Ethiopia Growth and Competitiveness Programmatic Development	Policy Financing	\$ 500,000,000.00	Active	3/19/2020	02/26/21	0.94
272	265 P167794	Ethiopia	One WASH—Consolidated Water Supply; Sanitation; and Hygiene Access	The development objective	\$ 300,000,000.00	Active	6/13/2019	01/07/25	5.57
273	266 P170384	Ethiopia	ETHIOPIA CLIMATE ACTION THROUGH LANDSCAPE MANAGEMENT PROGRAM	The development objective	\$ 500,000,000.00	Active	6/13/2019	07/07/24	5.07
274	267 P162607	Ethiopia	Renewable Energy Guarantees Program	The objective of the Renew	\$ 10,000,000.00	Active	5/23/2019	12/31/25	6.61
275	268 P164336	Ethiopia	Lowlands Livelihood Resilience Project	The development objective	\$ 350,000,000.00	Active	5/23/2019	10/10/25	6.38
276	269 P163383	Ethiopia	Ethiopia Resilient Landscapes and Livelihoods Project	The Resilient Landscapes an	\$ 100,000,000.00	Active	7/30/2018	07/07/24	5.94
277	270 P163829	Ethiopia	Ethiopia Economic Opportunities Program	The development objective	\$ 202,000,000.00	Active	6/26/2018	06/30/25	7.01
278	271 P164429	Ethiopia	Ethiopia Competitiveness and Job Creation Project-Additional Financing	The objective of the Additio	\$ 175,000,000.00	Active	6/25/2018	-	5.66
279	272 P155859	Ethiopia	ENREP- Carbon Finance Programme of Activities		\$ 350,000.00	Active	5/31/2018	-	5.66
280	273 P163452	Ethiopia	Ethiopia Urban Institutional and Infrastructure Development Program	The development objective	\$ 600,000,000.00	Active	3/14/2018	07/07/23	5.32
281	274 P160395	Ethiopia	Ethiopia Electrification Program (ELEAP)	The development objective	\$ 375,000,000.00	Active	3/1/2018	07/07/23	5.35
282	275 P163226	Ethiopia	AF Ethiopia Statistics for Results Project		\$ 5,500,000.00	Active	2/20/2018	-	5.66
283	276 P163050	Ethiopia	Ethiopia General Education Quality Improvement Program for Equity	The development objective	\$ 300,000,000.00	Active	12/19/2017	07/31/22	4.61
284	277 P159382	Ethiopia	Livestock and Fisheries Sector Development Project	The development objective	\$ 170,000,000.00	Active	12/12/2017	07/07/24	6.57
285	278 P161373	Ethiopia	Enhancing Shared Prosperity through Equitable Services	The development objective	\$ 700,000,000.00	Active	9/14/2017	-	5.66
286	279 P163438	Ethiopia	Ethiopia Rural Productive Safety Net Project	The development objective	\$ 600,000,000.00	Active	9/14/2017	06/30/21	3.79
287	280 P161060	Ethiopia	General Education Quality Improvement Program Phase 2 - GPE 2 Grant		\$ 69,500,000.00	Active	7/11/2017	-	5.66
288	281 P160108	Ethiopia	Ethiopia Health MDGs P4R Additional Financing	The objective of the Additio	\$ 150,000,000.00	Active	5/9/2017	-	5.66
289	282 P163350	Ethiopia	Productive Safety Net 4 Project Additional Financing	The development objective	\$ 108,100,000.00	Active	5/2/2017	-	5.66
290	283 P157716	Ethiopia	Promoting young women’s livelihoods and nutrition project		\$ 2,750,000.00	Active	4/18/2017	04/30/21	4.03
291	284 P156433	Ethiopia	Second Ethiopia Urban Water Supply and Sanitation Project	The development objective	\$ 445,000,000.00	Active	3/31/2017	07/07/23	6.27
292	285 P156590	Ethiopia	Ethiopia Trade Logistics Project	The development objective	\$ 150,000,000.00	Active	3/31/2017	07/07/22	5.27
293	286 P160279	Ethiopia	Ethiopia: National Quality Infrastructure Development Project	The development objective	\$ 50,000,000.00	Active	3/31/2017	07/07/22	5.27

What can this database show



2. Aggregated projects within IFI

- **Country-level** data
- % funding, # projects, and \$ **going towards agriculture**
 - “On Farm” vs. “Rural/Agricultural Economies”: see upper-right visual
- Annualized dollars
- Tab 4

Example: % of IFI Funding for On Farm

- **Ethiopia receives ~\$560M/year** from the WB for On Farm
- **Uganda receives ~\$78M/year** in comparison

	World Bank	AfDB	IFAD
Ethiopia	22%	1%	58%
Uganda	9%	10%	10%

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B6 country

country	Economies projects	towards On-Farm projects	Rural/Agricultural Economies relate	projects that are On-Farm related	Economies projects (in USD)	funding going to On-Farm projects (in USD)	projects of any type (in USD)	number of Rural/Agricultural Economies related projects
4 Burkina Faso	36%	33%	31%	28%	\$ 12,371,811.31	\$ 12,085,257.63	\$ 139,674,169.19	4
16 Ethiopia	29%	22%	34%	25%	\$ 3,027,568.75	\$ 3,027,568.75	\$ 461,084,045.66	1
26 Malawi	42%	42%	46%	46%	\$ 17,438,435.13	\$ 17,228,003.00	\$ 138,091,457.00	5
33 Nigeria	21%	11%	30%	18%	\$ 23,625,713.82	\$ 23,625,713.82	\$ 833,164,431.93	6
42 Tanzania	6%	6%	14%	14%	\$ 35,461,480.50	\$ 35,461,480.50	\$ 548,049,549.53	2
44 Uganda	56%	9%	34%	13%	\$ 38,951,822.00	\$ 25,291,040.00	\$ 259,982,602.00	3

What can this database show us



3. Aggregated IFI information by country

- **Country-level** data again, with IFIs aggregated
- **On Farm** funds only
- **Ranked** countries (not as % of whole funding pie)
- **Compared** with development indicators, bilateral flows, gov expenditures on ag, and China investments
- Tabs 3a, 3b, and 3c

Example:

- **Ethiopia receives the 2nd most total lending (\$3B/year) and the most “On farm” lending (\$585M/year) from these 3 IFIs** (with the 2nd largest population) but ranks **13th** in the share of IFI funding going to on farm lending.

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Number: Percentage, Decimal places, Thousand separators

Conditional Formatting, Table

F9 29.5500308275222%

Aggregate International Financial Institution (IFI) Investments in Sub-Saharan							
*Aggregate is inclusive of World Bank, AfDB and IFAD funding.							
#	iso	country	Total IFI funding going to On-Farm projects (USD)	Total IFI funding going to On-Farm projects (rank)	Share of IFI funding going to On-Farm projects (%)	Share of IFI funding going to On-Farm projects (rank)	
6	16 ETH	Ethiopia	\$ 584,872,256	1	19.35%	13	
7	33 NGA	Nigeria	\$ 349,346,624	2	9.75%	25	
8	11 CIV	Cote d'Ivoire	\$ 251,513,440	3	22.95%	9	
9	4 BFA	Burkina Faso	\$ 247,935,872	4	29.55%	6	
10	26 MWI	Malawi	\$ 190,636,416	5	36.05%	4	
11	22 KEN	Kenya	\$ 189,181,456	6	7.66%	34	
12	47	Multinational	\$ 186,118,080	7	9.51%	26	
13	32 NER	Niger	\$ 130,591,688	8	19.39%	12	
14	6 CMR	Cameroon	\$ 107,315,816	9	10.90%	21	
15	44 UGA	Uganda	\$ 107,221,408	10	9.10%	28	
16	42 TZA	Tanzania	\$ 98,069,736	11	7.19%	35	
17	35 RWA	Rwanda	\$ 88,408,312	12	11.04%	20	
18	30 MOZ	Mozambique	\$ 88,341,168	13	10.26%	23	

Where can I find this database?

- > Placeholder for EPAR webpage where spreadsheet and process doc are published.

Tour of the database through these four questions:

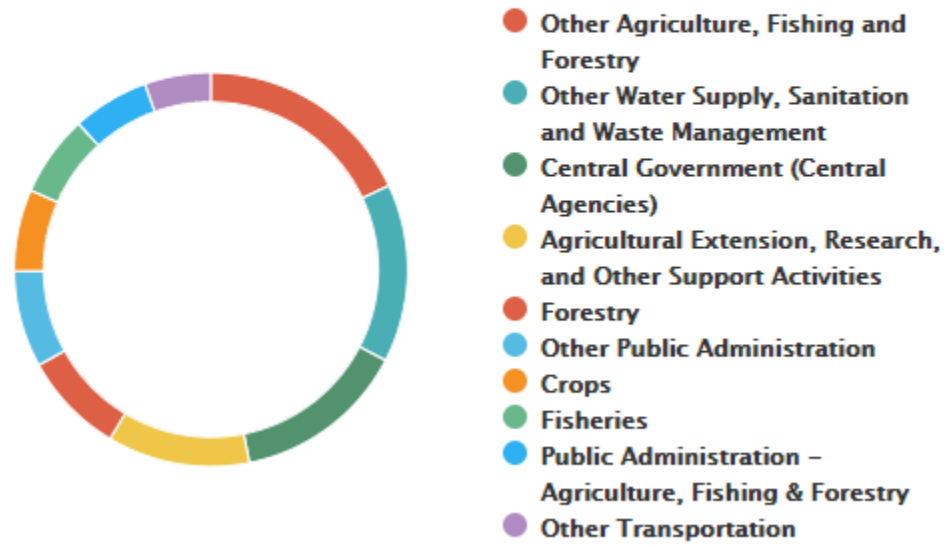
1. Who is lending money for investments involving rice?
2. Which IFI most emphasizes agriculture investments in AGRA countries (plus Zimbabwe and Benin)?
3. Which countries are receiving the most IFI funding towards On Farm investments (and adjusted by population)?
4. How does IFI investment in On Farm projects compare to other sources of funding and conventional IAT measures?

Thank you!



Current data snapshots: WB AfDB

Sectors



Top 5 - Countries	in UA million
Multinational	13,455
Morocco	8,934
Tunisia	6,695
Nigeria	5,511
Egypt	4,619

Top 5 - Sources of Financing	in UA million
African Development Bank	57,222
African Development Fund	35,151
Fragile States Facility	2,612
	519
Nigerian Trust Fund	372

Top 5 - Sector	in UA million
Multi-Sector	21,019
Transport	18,944
Power	14,907
Agriculture and Rural Development	12,121
Finance	10,537

Sample Findings - ETHIOPIA

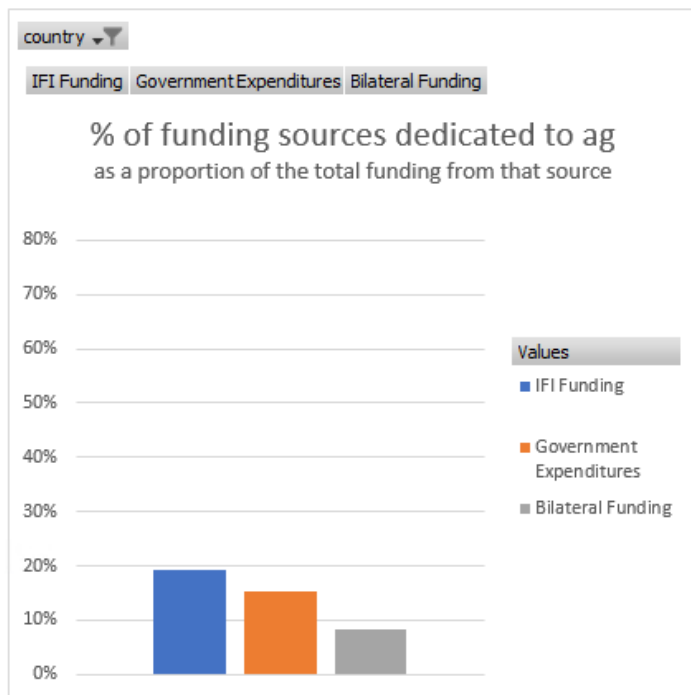
Charts and Graphs:

Sources for the following two pivot charts include: CRS data from OECD Stats (bilateral funding), aggregated IFI indicators constructed by EPAR from the World Bank, AfDB, and IFAD (IFI funding), and the ReSAKSS database (government expenditures).

country Ethiopia

IFI Funding **Government Expenditures** **Bilateral Funding**

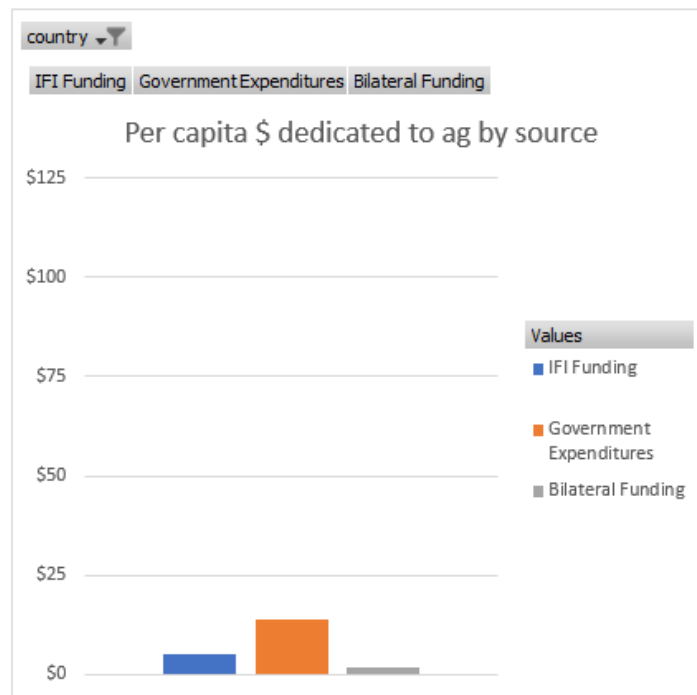
0.193492204 0.152442709 0.08444649



country Ethiopia

IFI Funding **Government Expenditures** **Bilateral Funding**

5.218405455 14.06484231 1.730908692



Sample Findings - UGANDA

Charts and Graphs:

Sources for the following two pivot charts include: CRS data from OECD Stats (bilateral funding), aggregated IFI indicators constructed by EPAR from the World Bank, AfDB, and IFAD (IFI funding), and the ReSAKSS database (government expenditures).

country	Uganda
IFI Funding	0.091026045
Government Expenditures	0.026967473
Bilateral Funding	0.082868275

country	Uganda
IFI Funding	2.422010195
Government Expenditures	6.649654478
Bilateral Funding	2.257311531

