## Data Landscape. Intersection of Financial Inclusion & Climate Adaptation. Detail of Data Sources

Main Dataset	Name of the dataset	DataSet	Description	URL	Geographical reach	Geographical reach (range)	Comments	Category	Sub-Category	Platform	Explored	Restrictions detected
	DClimate	DClimate	Marketplace, physical risk tool for businesses, and API. The		12-21-1			Or I			v	Depending on the dataset
٧.	DClimate	<u>DClimate</u>	marketplace contains free and also paid third party datasets.  The World Bank's Global Findex database is one of the most	https://www.dclimate.net/	Limited	*	3	Climate	Various	Yes	Yes	Depending on the dataset
			extensive sources of financial inclusion data. It provides				Finacial Data: Questionnaires					
,	World Bank - Global Findex Database	Wald Dayle Clabal Finder Database	detailed information on how adults save, borrow, make payments, and manage risk in over 140 countries.	https://www.worldbank, ora/en/publication/alobalfindex	Global	Global	to more than 140k individuals across 139 countries.	Financial Inclusion	Demand-side	Yes	Yes	
	world Bank - Global Hndex Database	World Bank - Global Findex Database	The Climate Change Knowledge Portal (CCKP) provides	org/en/publication/globaltinaex	Giobal	Giodal	across 139 countries.	Inclusion	Demana-side	res	Tes	
			global data on historical and future climate vulnerabilities,									
			and impacts. Allows exploration via Country and Watershed views. Access synthesized Country Profiles to gain deeper	https://climateknowledgeportal.			Historial data and					Commercial Usage requires
1	World Bank - Climate Data	World Bank - Climate Data	insights into climate risks and adaptation actions.	worldbank.org/download-data	Global	Global	projections, lack of real time.	Climate	Meteorological	Yes	Yes	written permission
			The Global Findex Databank contains a wide range of				Provides a way to explore all the indicators of Findex					
			financial inclusion indicators, including access to banking	https://databank.worldbank.			Database with a UI. Allows					
,	World Bank - Global Financial Inclusion (Global Findex) Databank	World Bank - Global Financial Inclusion (Global Findex)  Databank	services, mobile money usage, and financial literacy, covering multiple years and countries.	org/source/global-financial- inclusion	Global	Global	downloading inte data	Financial Inclusion	Demand-side	Yes	Yes	
	(Global Filidex) Balabank	DOIGNOIN	Similar to FinScope but not conducted by FinMark Trust2. They		Giobai	Giobai	filteter with the UI.  Does provide the data in sav	III ICIOSIOI I	Derriana-side	163	163	
	FinAccess/Access to Financial Services		are nationally representative demand-side surveys explaining	com/file/d/1LHcGVtJoFlWwYk51Fj			format 224k interviews for 1					
	Surveys	FinAccess/Access to Financial Services Surveys	how individuals manage their financial lives.  Comprehensive global supply-side data on financial	Wctlrr64ZpD6ZP/view	Kenya, Nigeria	2	2 countty.	Inclusion	Demand-side	Yes	Yes	
			inclusion. It provides annual geographic and demographic	https://data.imf.org/?								
			data on access to basic consumer financial services	sk=E5DCAB7E-A5CA-4892-A6EA-			Allows to explore the data in					
	The IMF Financial Access Survey (FAS)	The IMF Financial Access Survey (FAS)	worldwide.	598B5463A34C&sld=1390030341854	189	9 189	a UI Includes aggregated with	Inclusion	Supply-side	No	Yes	
			An interactive tool funded by the Bill and Melinda Gates	https://www.gsmg.	Varies by year (around		different breakdowns: ie	Financial				
	GSMA Mobile Money Metrics	GSMA Mobile Money Metrics	Fountation on mobile money use	com/mobilemoneymetrics/	50-90 countries)	75	5 type of transaction	Inclusion	Supply-side	No	Yes	
			Open Data Cube and Amazon Web Services to make global				Offers a sandbox with	Adaptation				Depending on the specific
	Digital Earth Africa	Digital Earth Africa	satellite imagery more accessible. Shows how data can bridge critical social and economic inequalities.	https://www.digitalearthafrica.org/	Global	Global	Offers a sandbox with examples of code		Satellite Data	Yes	Yes	Depending on the specific DataSet
							Includes Impact & Losses,					
							Hazards, Exposure & assets, Climate Chanae &					
							Vulnerability. Includes good					
							visualization per Hazard here					
			RiX is UNDRR's living repository of open-source global, regional, and national risk information to improve risk				https://rix.undrr.org/ Includes links to other sources of data:					
			knowledge, risk literacy, and risk analytics. RiX promotes the				ie Worldbank and National					
	DW	DIV. II. I DI II.	use of a common taxonomy of risk based on standardized		Global	0	Bureau of Statistics and	Adaptation	B* 1			
	RIX a Hazard Risk Databse	RIX a Hazard Risk Databse	Hazard Information Profiles (HIPs).	https://rix.undrr.org/	Giodal	Global	Disenventar data. Flows based on individual	& Resilience	KISK	No	Yes	
							projects (CRS)					
							Aid activities targeting					
							Global Environmental Objectives (CRS)					
							allows to get to the most					
							granular data on					
							contributions among countries, including					Allowed for commercial and
							description and					non commercial use wih
	OECD Stats	OECD Stats	Economic information and social information, contains multiple databases	https://stats.oecd.org/Index.aspx? DataSetCode=crs1	Global	Global	categorizations (adaptation is one of the categories)	Adaptation & Resilience	Climata	Yes	Yes	exceptions https://www.oecd. org/termsandconditions/
	OECD Sidis	OCCD SIGIS	moniple darabases	https://carbonmonitor-graced.	Giobai	Giobai	Allows to donwload monthly	& Kesilerice	Cilidie	163	103	org/felitisariacorialions/
	GRACED	GRACED	Global Gridded CO2 Emissions Daily	com/datasets.html	Global	Global	gridded datasets	Emissions	Emissions	No	Yes	
							Largest Database on					
							Agriculture information.  Visualization tool and access					
			Largest Database on Agriculture information. Domains				to the most granular data.					
			include: crop, livestock and food, economics, environment, food security and nutrition, social, methodological	https://www.fgo.			Allows filtering and preview before downloading.					CC BY-NC- SA 3.0 IGO, no commercial use allowed by
	FAOSTAT	FAOSIAI	innovation, census of agriculture, and agricultural surveys.	ora/faostat/en/#data	Global	Global	before downloading.	Agriculture	NA	Yes	Yes	default
			The ND-GAIN Country Index is composed of two key									
			dimensions of adaptation: vulnerability and readiness									
			Vulnerability measures a country's exposure, sensitivity, and capacity to adapt to the negative effects of climate									
			change. ND-GAIN measures overall vulnerability by									
			considering six life-supporting sectors: food, water, health, ecosystem service, human habitat, and infrastructure.									
			Readiness measures a country's ability to leverage				Allows seeing country					
			investments and convert them to adaptation actions. ND-				specific information,					
			GAIN measures overall readiness by considering three components: economic readiness, governance readiness,	https://gain.nd.edu/our-			visualization through an interactive matrix and					Not found in the web page.  Although the content is
	ND-Gain Country Index	ND-Gain Country Index	and social readiness.	work/country-index/	Global	Global		Climate	Risks and disasters	No	Yes	mentioned to be copyrighted
							Data can be downloaded.					
			A near-real-time estimate of CO2 emissions from fossil fuel combustion and cement production, based on daily activity				Provides emission and reductions per country, type					
	Carbon Monitor	Carbon Monitor	data.	https://carbonmonitor.org/	Global	Global	and sector.	Emissions	Emissions	No	Yes	
		_					Used in the IPCC 6th					
							Assesment report. Allows					
			Provides annual updates of global and regional CO2				filtering of the data, and download. Some of the data					
			emissions from fossil fuels and industry, land use change, and	https://www.globalcarbonproject.			is very similat to the one					
	Global Carbon Project (GCP)	Global Carbon Project (GCP)	ocean and land carbon sinks.	org/	Global	Global	showed in carbonmonitor	Emissions	Emissions	No	Yes	
	World Economic Forum (WEF) -		The WEF's Financial Inclusion Data Portal offers a collection of financial inclusion indicators, allowing users to explore and				Requires registration: Provides access to reports	Financial				Creative Commons Attribution- NonCommercial-NoDerivatives
	World Economic Forum (WEF) - Financial Inclusion Data Portal	World Economic Forum (WEF) - Financial Inclusion Data Portal		WEF Financial Inclusion	Global	Global		Inclusion	NA	No	No	4.0 International Public License
	Global Partnership for Financial											
	Inclusion (GPFI) - Financial Inclusion	Global Partnership for Financial Inclusion (GPFI) - Financial	The GPFI provides datasets and reports related to financial	-H/6	C20 C		Also available in World Bank		Figure aid by 1	V	No	
	Datasets	Inclusion Datasets	inclusion, particularly in the context of G20 countries.	https://www.gpfi.org/data	G20 Countries	20	Databank Interesting reports, they	Inclusion	Financial Inclussion	Yes	NO	
			A global adoption survey that provides insights into the				come from surveying the					
	GSMA Mobile Money Adoption Survey		performance of mobile money services relative to each other.	https://www.gsmg. com/sofir/#download	Varies by year (around 50-90 countries)		countries. No raw data set available	Financial Inclusion	Supply-side	No	NA	



			A comprehensive survey that provides information on the									
			status of national payment and securities settlement systems worldwide. It covers data on payment instruments, payment									
			systems, securities settlement systems, and legal and	https://databank.worldbank.	Varies by year (around			Financial				
	Word Bank's Global Payment Survey	Word Bank's Global Payment Survey	regulatory frameworks.	org/source/mix-market	100-140 countries)	12	Most recent year is 2019 It provides fiancial and social	Inclusion	Supply-side	Yes	No	
			Data on financial inclussion from Financial Institutions. MIX is				indicators separatedly in two					
	MIX Market Data	MIX Market Data	part of the Center for Financial Inclussions, Datasets are hosted in the world bank	https://datacatalog.worldbank. org/search/dataset/0038647	Varies by year (around 100-140 countries)	12	different datasets. Social indicators are boolean	Financial Inclusion	Supply-side	Yes	Yes	
			DesInventar Sendai is a new version of the software that				indicators are boolean					
			implements all the Indicators and data required for the Monitoring of Targets A to D of the Sendai Framework for									
			Disaster Risk Reduction, which corresponds to parallel	https://www.desinventar.								
	Desinventar Loss Data	<u>Desinventar Loss Data</u>	Sustainable Development Goals (SDG) indicators from Goals 1, 11 and 13.	net/Desinventar/country_profile, isp?countrycode=ken⟨=EN	Global	Global	Includes data on Loss and damages		Loss & Damages	No	Yes	
				https://data-explorer.oecd.org/vis?								
				fs[0]=Topic%2C0%7CEnvironment% 23ENV%23&fs[1]=Reference%								
				20area%2C1%7CNon-OECD%								
				20economies%23WXOECD%23% 7CPakistan%23PAK%								
				23&pg=0&snb=14&vw=tb&df[ds] =dsDisseminateFinalDMZ&df[id]			New product in which info is					
				=DSD_ECH%40COAS_FLOOD&df			being migrated from OECD					
				[ag]=OECD.ENV.EPI&df[vs]=1. 1&pd=2000%2C2020&da=IND%			Stats. Some of the data is migrated, ie: population					
				2BKEN%2BBGD%2BIDN%2BTZA%			exposed to climate risks					Allowed for commercial and
				2BPAK.A.CF. POP. EXPY. 10.&ly[rw] =REF. AREA&ly[c]]=TIME_PERIOD&to	Global /Facus on OFCD		(floods, droughts,) Per country but not geo					non commercial use with exceptions https://www.oecd.
	OECD Explorer	OECD Explorer	An ongoing project migrating the previous OECD Stats		countries)	Global	located	Climate	Risks and disasters	Yes	Yes	org/termsandconditions/
							Requires registration and payment if not a non for					for commercial use 6000USD
							profit. Alternative databases					needs to be paid per year, free
	EM-DAT International disaster		EM_DAT International disaster database Center for Research				can be explored here https://public.emdat.					for non-profit research institutions and public
	database CRED	EM-DAT International disaster database CRED	for the Epidemiology of Disasters	https://public.emdat.be/register	Global	Global	be/about	Climate	Risks and disasters	Yes	No	international agencies
				https://www.climatepolicvinitiative.			Need to fill a form to download an excel. Only					
			Global Landscape of Climate Finance 2021 updated trends	org/publication/global-landscape-			includes aggregated data					
	Climate Policy Initiative	Climate Policy Initiative	for 2023 also published	of-climate-finance-2021/	Global	Global		Climate	Finance	No	Yes	
							These are not datasets, but collections of country					
		UN Submitted National Adaptation Plans for developing. countries	National Adaptation Plans	https://napcentral.org/submitted- naps	Global	Global	reports. Kenya & Ethiopia	Adaptation	Diese	No	No	
	rians for developing countilies	Commes	National Adaptation Flans	HODS	Giobai	Gibbai	These are not datasets, but	& Keziletice	FIGIS	NO	NO	
	UN Climate Change Nationally	UN Climate Change Nationally Determined Contributions	Include nationally determined contributions submitted by	LUL VI I LUDODO	0.1.1	0.1.1	collections of country	Adaptation		No	No	
	Determined Contributions Registry	Registry	countries	https://unface.int/NDCREG https://www.un-ilibrary.	Global	Global	reporting.	& Resilience	Plans	NO	NO	
			Includes information on national plans (UN Climate) and	org/content/books/9789210023764/			Available editions from	Adaptation				No commercial use is allowed
	UN Adaptation GAP Report 2022	UN Adaptation GAP Report 2022	projects (OECD) on adaptation	https://wedocs.unep.	Global	Global	previous years	& Resilience	Plans	No	No	without prior written permission
				org/bitstream/handle/20.500.11822								
. '	UN Adaptation GAP Report 2022, methodology	UN Adaptation GAP Report 2022, methodology	Methodology of the report "Climate adaptation failure puts world at risk"	/41100/AGR2022_annexes.pdf? sequence=1&isAllowed=y	NA	NA	Methodology	Adaptation & Resilience	Methodology	No	No	No commercial use is allowed without prior written permission
												The IMF grants permission to visit
												its Sites and to download and copy information, documents,
			An interactive Dashboard on historical data on climate	https://climatedata.imf.			Allows filtering and					and materials from the Sites for
	Climate Change Disasters	Climate Change Disasters	disasters per type and country allowing to download the data. Includes historical information	org/datasets/b13b69ee0dde43a99 c811f592af4e821/explore	Global	Global	downloading using different indicators and variables	Climate	Risks and disasters	No	Yes	personal, noncommercial use only.
				https://lacunafund.			Not vey updated and limited					
- 1	LacunaFund	LacunaFund	Datasets on agriculture and Language	org/datasets/agriculture/	Kenya		1 datasets Software capable of	Agriculture	NA	No	No	CC-BY 4.0
							handling netCDF (Network					
			The NCEP/NCAR Reanalysis project is a multi-decadal global				Common Data Form) files, Python with libraries like					
			reanalysis of atmospheric data that provides a				xarray, pandas, and					
			comprehensive picture of the state of the atmospheric climate system. It includes various data types such as	https://psl.nogg.			matplotlib, or tools like Panoply can be used to					
	NOTE D	Norman	temperature, precipitation, wind, and other meteorological	gov/data/gridded/data.ncep.	0	0	open and analyze such	Or.				
	NCEP Re-analysis Data	NCEP Re-analysis Data	variables at multiple levels of the atmosphere.  CEDA hosts a variety of environmental data and provides	reanalysis.html	Global	Global	data.  Data is provided in various	Climate	Meteorological	No	Yes	None
(	Centre for Environmental Data Analysis		tools for data analysis. This includes climate, atmospheric,		0	0	formats, including netCDF,	Or.		,		
	(CEDA)	Centre for Environmental Data Analysis (CEDA)	and earth observation data.	http://www.ceda.ac.uk/	Global	Global	HDF and others.  Various data products with	Climate	Meteorological	Yes	No	
			GPCC provides global precipitation analyses for monitoring				different temporal and					
	Global Precipitation Climatology Centre (GPCC)	Global Precipitation Climatology Centre (GPCC)	and research of the earth's climate. The data are provided globally with different resolutions.	de/EN/ourservices/gpcc/gpcc. html	Global	Global	spatial resolutions are available.	Climate	Meteorological	No	No	
	National Centre for Atmospheric	National Centre for Atmospheric Research (NCAR) Data	NCAR provides a variety of atmospheric research data,	https://www.cesm.ucar.			Data available in a variety of					
	Research (NCAR) Data Support System	Support System	including climate, weather, and geophysical data.	edu/models https://www.ueg.ac.uk/groups-	Global	Global	formats, including netCDF.  Datasets are usually	Climate	Meteorological	No	No	
			CRU provides a variety of climate data, including	and-centres/climatic-research-			provided in a grid format					
	Climatic Research Unit (CRU) data	Climatic Research Unit (CRU) data	temperature, precipitation, and pressure datasets.	unit/data	Global	Global	with global coverage.	Climate	Meteorological	No	No	None
	NOAA Data Research PLatform One		NOAA Data Research Platform One Stop contains different datasets on weather, climate, satellite, fisheries, coasts and				Many of the data is historical					
	Stop	NOAA Data Research PLatform One Stop	oceans	https://data.noaa.gov/onestop/	Global	Global	or old datasets	Climate	Meteorological	No	No	
			The NOAA Physical Sciences Laboratory (PSL) conducts				The CDC was merged into the Physical Sciences					
			research to advance the prediction of water availability and				Laboratory (PSL) in 2005.	Climate	Meteorological	No	Mar.	
	Physical Science Laboratory Datasets	Physical Science Laboratory Datasets	research to advance the prediction of water availability and extremes	https://psl.noga.gov/data/	Global	Global	Edbordiory (1 SE) II1 2003.	Climale	Meleciological	NO	INO	
		Physical Science Laboratory Datasets		https://psl.noaa.gov/data/ https://catalogue.ceda.ac. uk/uuid/67afe8bb533652ee15c37f5	Global	Global	Edbordiory (FSE) III 2003.	Cilridie	Meleciological	NO	NO	
	Physical Science Laboratory Datasets FireMAFS (Fire Modelling and Forecasting System)	Physical Science Laboratory Datasets  FreMAFS (Fre Modelling and Forecasting System).		https://psl.noga.gov/data/ https://catalogue.ceda.ac.	Global	Global	Requires registration	Climate	Fire Modelling	No	No	
	FireMAFS (Fire Modelling and		extremes  Fire Modelling and forecasting system	https://psl.noaa.gov/data/ https://catalogue.ceda.ac. uk/uuid/67afe8bb533652ee15c37f5			Requires registration  One file per country, variable				No	
1	FireMAFS (Fire Modelling and		extremes	https://psl.noca.gov/data/ https://catalogue.ceda.ac. uk/uuid/67afe8bb533652ee15c37f5 g6474ebbc			Requires registration				No	



			A report by the United Nations Development Programme that explores how human development can be enhanced by	https://hdr.undp.							
N	UNDP Human Development Report 2021-2022	UNDP Human Development Report 2021-2022	tackling the intertwined challenges of inequality, social norms and environmental degradation.		Global	Global		Economic	Human Development	No	NA
N	HadCRUT5	HadCRUIS	A gridded dataset of global historical surface temperature anomalies relative to a 1961-1990 reference period. Data are available for each month since January 1850, on a 5 degree grid.	https://www.metoffice.gov, uk/hadobs/hadcrut5/	Global	Global	Used in the IPCC 6th Assesment report	Climate	Meteorological	No	No
N	ERA5	ERA5	A global atmospheric reanalysis dataset that provides estimates of atmospheric parameters such as air temperature, pressure and wind at different altitudes.	https://www.ecmwf. int/en/forecasts/datasets/reanalysi -datasets/era5	Global	Global	Used in the IPCC 6th Assesment report, requires log in	Climate	Meteorological	No	No
N	CMIP6	CMIP6	The Coupled Model Intercomparison Project Phase 6 (CMIP6) is an international coordinated effort to compare climate model simulations using standardized experiments and protocols.	https://www.wcrp-climate. org/wgcm-cmip/wgcm-cmip6	Global	Global	Used in the IPCC 6th Assesment report	Climate	Meteorological	No	No
N	INFORM	<u>INFORM</u>	A global, open-source risk assessment for humanitarian crises and disasters. It can support decisions about prevention, preparedness and response.	https://drmkc.jrc.ec.europa. eu/inform-index	Global	Global	Used in the IPCC 6th Assesment report	Climate	Risks and disasters	No	No
N	World Risk Index	World Risk Index	An index that measures the risk of becoming a victim of a disaster as a result of natural hazards for 180 countries worldwide. It is based on four components: exposure, vulnerability, coping capacity and adaptive capa	https://www.arcgis. com/home/webmap/viewer.html? webmap=ee5978152b5c4cd2aaac af3a14d379c8&extent=180. -86.3126.180.88.0275	I. Global	Global	Used in the IPCC 6th Assesment report	Climate	Risks and disasters		No
N	Amini	Amini	(claims to be) a holistic solution, utilizing AI and space technologies at scale to drive systemic change and promote economic inclusivily for farmers and supply chain resilience across Africa and beyond.	https://www.amini.ai/	Africa		10 Tried to contact them	Climate	mas and discussion	No	No
		Vulnerability Atlas	Provides visualization for Latam on aspects related to Climate and poverty (does not specificly tacke financial inclussion)		Latam		Uses ND-Index and OECD	Climate, Adaptation and Resilience	Vulnerability	No	Yes
	Vulnerability Atlas  OCHA Climate Mapping for Resilience		This portal can help understand what climate-related hazards are faced, now and in the future. It provides real-time maps				climate-related hazards is projected to change over	Climate, Adaptation and Resilience, Meteorologi		No	No.
N	and Adaptation2  Start Network Global Adaptation	CCHA Climate Mapping for Resilience and Adaptation2	showing where climate-related hazards are occurring today.  The GAN is helping the world to build resilience towards climate change by spreading adaptation knowledge. It links various arganisations, many of which bear o focus towards the regions most vulnerable to the impacts of global	https://resilence.climate.gov/	US		1 time. The GAN acts as an umbrellic system across the world, linking various organisations. When cutting-edge solutions are developed, they are shared with those who need shared with those who need the control of the con	Climate, Adaptation		NO	NO
N	Network (GAN)3	Start Network Global Adaptation Network (GAN)3	warming, Reports not data.  The WFP is helping food insecure communities to prepare for, respond to, and recover from climate shocks and stresses. WFP also implements climate risk management solutions in 37	https://www.unep.org/gan/	Global	Global	them.  WFP saves lives following. climate-related disasters. It. also implements climate risk. management solutions in 37.	Resilience  Climate, Adaptation		No	No
N	WFP Climate Action4	WFP Climate Action4	countries, benefiting more than 12 million people. Includes reports not data	https://www.wfp.org/climate- action	3	37	countries, benefiting more than 12 million people4.	and Resilience		No	No