

2/11/2023

UNEP Finance Initiative

2023

Needs Mapping / Context Module Update



Agenda

- 1. Introduction: Why context analysis (5 min)
- 2. UNEP FI Resources for context analysis (20 min)
 - **Needs Mappings**
 - Context Module
- 3. Overview of 2023 Updates & New Features (20 min)
- 4. Q&A (30 min)
- 5. Further opportunities to engage (5 min)



UNEP FI Impact Analysis methodology



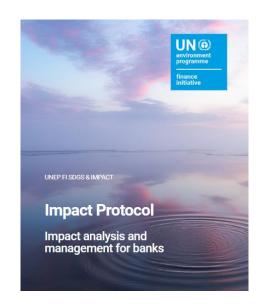
Step 1. Impact Analysis

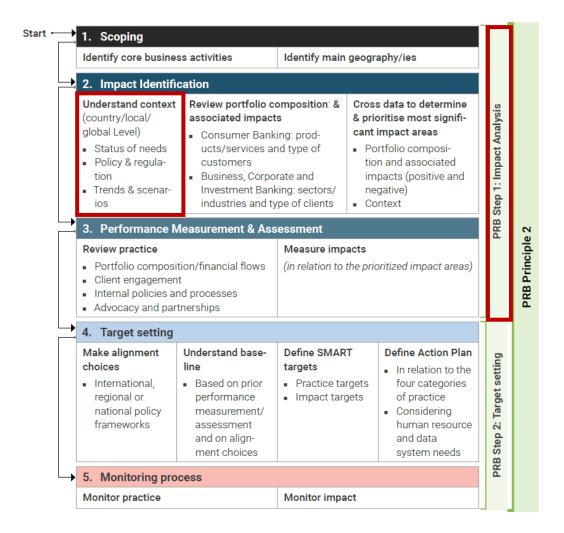


Step 2. Target-setting and Implementation



Step 3. Public Reporting







The PRB four requirements for impact analysis

The Principles for Responsible Banking require banks to conduct an impact analysis of their portfolio/s to identify their most significant impact areas and determine priority areas for target-setting. In conducting the impact analysis, banks shall:

1.Determine scope

• to cover the bank's core business areas, products/services across the main geographies that the bank operates in

2.Review the portfolio composition

- Consider the proportional composition of the portfolio globally and per geographical scope
- % sectors (business, corporate and investment banking)
- % products/services and type of customers (consumer banking)

3. Understand context

• I.e., what the most relevant challenges and priorities related to sustainable development in the countries/regions in which the bank operates are

4. Measure performance

Identify which sectors & industries as well as types of customers financed or invested in are
causing the strongest actual positive or negative impacts and assess the performance of these,
using appropriate indicators related to significant impact areas that apply to the bank's context.

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Why does context matter to business?

Sustainability needs and priorities are context dependant. Understanding context is therefore essential to:

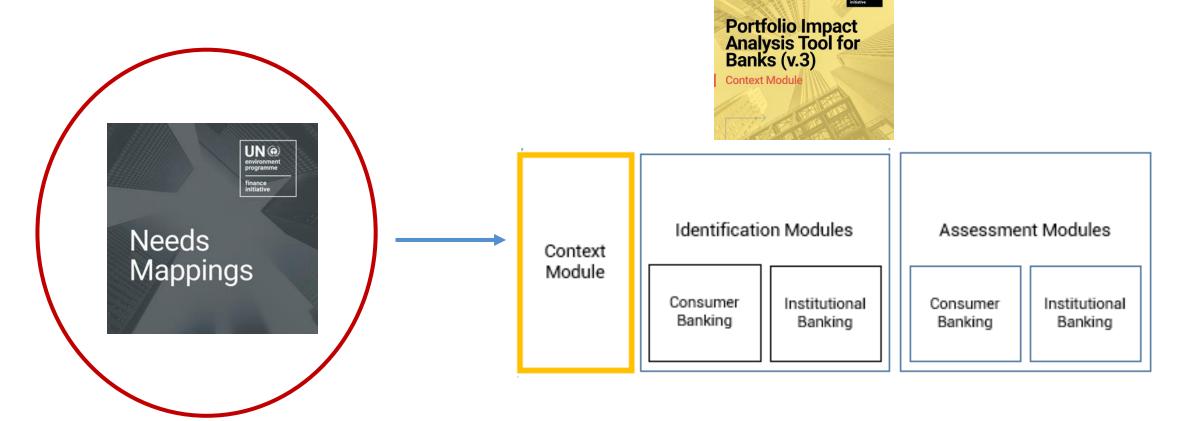
- Understanding risks and opportunities
- Meaningful prioritisation

^{*} Science / data – based context analyisis is essential to ensure an <u>objective</u> impact analyisis and is therefore an indispensable complement to stakeholder consultations.





Resources for Context Analysis



The **Needs Mapping** tracks the needs and priorities of over 100 countries across the globe, across the 12 Impact Areas and 38 Impact Topics of the UNEP FI Impact Radar.

The Needs Mapping forms the basis of the Context Module

UNEP FI Needs Mapping: an Overview

• Structure:

The Needs Mapping is separated into three levels; Global, Country & Local.

- The **Global** level speaks to the global needs situation, suitable for large multinational banks who have operations in many countries.
- The **Country** level, for banks that operate in one or a handful of countries.
- The Local level, for a deeper analysis at a subnational level, such as a region or city.

All three levels have the same structure (see below)

Statistics:

This part speaks to the quantitative indicators that exist for all of the impact areas/topics. There are international resources from reputable organisations/agencies that have been compiled by UNEP FI.

Policy Documents:

This part contains information pertaining to policy documents and policy decisions often taken by countries.

• Trends & Scenarios:

This part is forward looking, by looking at the trends of impact topics and identifying particularly where they may be deteriorating.

Pre-populated data:

Coloured cells are data inputted by the UNEP FI secretariat, this data can be used for when capacity is limited to complete a full context analysis.

Grey cells are considered to be input cells, for use when doing a further context analysis.



Impact Areas / Topics:

Several indicators per impact area / topic

			H-U P						
	Impact Topics →					Modern slavery	Child labour	Data privacy	Natural disasters
I	v	Corresponding SDG(s) → ▼ ▼ ▼ ▼ ▼			SDG 16	SDGs 8, 16	SDGs 8, 16	SDG 16	SDGs 11, 13
		Statistics	International resources	Resources Metrics Scoring system: 1(low need) Scoring system: 2 (moderate need) Scoring system: 3 (high need) Scoring system: 4 (very high need) Comments Values Need scores	receiperg reserves of conflict usputerivon- iniciant crisis Limited No conflict 1 No conflict	สกุรุธ	Outstandor Publication Children Children Children Children Children Green 1	Level of Gata Pleavy Robust Moderate Limited Robust 2	INFORM - Chist Brit borreigrion medicin (3.5 - s) High (5-6.5) very mign (0.5 - 10) 1.6
	Nev		Regional/country resources	Resources Metrics Scoring system Comments Values Need socres	Netionsk Petionsk Petionsk Design MEDIUM 2				
	Zealand			score per impact area/topic	2	1	1	2	1
		Policy Document	Various government nolicies & sources Various government	Comments Priorities Comments Priorities	(please	Plan of (please	Employmen (please	Privacy Act (please	(please
		s	nolicies & sources government nolicies & sources Pr	Comments Priorities iority impact area/topic?	(please	(please	(please	(please	(please
		Trends & Scenarios	International resources Regional/country resources	Resources Comments Direction of trends Resources Comments Direction of trends	(piease NZSSS) NZSSSUnter-	Iplease Impic (6 Å)prii Consultation Improving	(piease Employment Ochooliilaged Students Statio	ipiease iné Dirice or hongoing: static	World Dank Climate Statio I. Statistics N7. Uplifying deteriorating
			Status of i	mpact area/topic deteriorating?	N/A	N/A	N/A	N/A	yes



Scope of the database

Statistics:

 100+ countries/territories have been mapped and updated as per Summer 2023 with the latest available statistical information.

Policy documents:

 20+ countries/territories have had their latest relevant policy documents analysed for their priorities (primarily VNRs, national development plans).

Trends & scenarios:

Only a handful of countries/territories have information pre-populated at this time.



Statistics indicators – examples (1/3)

Impact Areas	Impact Topics	Sources of statistics
Availability, accessibility, affordability, quality of resources & services	Information	Reporters without Borders

Indicator:

Freedom of press (composite index: questionnaire on pluralism, media independence, media environment and self-censorship, legislative framework, transparency, and the quality of the infrastructure that supports the production of news and information + data on abuses and acts of violence against journalists)

Scoring criteria:

- 1. Green (lowest level of need)
- 2. Yellow
- 3. Orange
- 4. Dark red (highest level of need)





Statistics indicators – examples (2/3)

Impact Topics Sources of statistics **Impact Areas**

Strong institutions, peace & stability

Rule of law

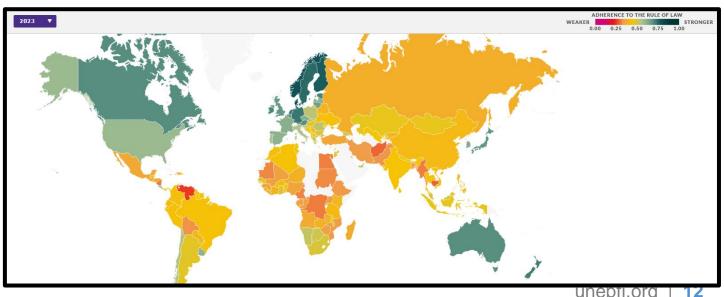
World Justice Project

Indicator:

Rule of law (as a factor of: constraints on government powers, absence of corruption, open government, fundamental rights, order and security, regulatory enforcement, civil justice, criminal justice)

Scoring criteria:

- 1. >=0.6 (lowest level of need)
- 2. 0.5-0.59
- 3. 0.4-0.49
- 4. <0.4 (highest level of need)





Statistics indicators – examples (3/3)

Impact Areas	Impact Topics	Sources of statistics
Biodiversity & healthy ecosystems	Air	IQAir

Indicator:

Population weighted, 2022 average PM2.5 concentration (µg/m³) for countries, regions, and territories

Scoring criteria:

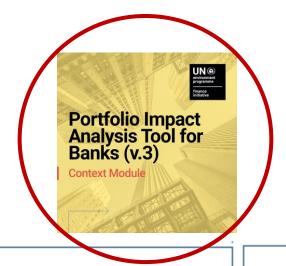
- 1. <10 μg/m3 (lowest level of need)
- 2. 11-25 μg/m3
- 3. $26-35 \mu g/m3$
- 4. $>35 \mu g/m3$ (highest level of need)

1	Chad	89.7	45	Türkiye	21.1
2	Iraq	80.1	46	Sri Lanka	20.7
3	Pakistan	70.9	47	Senegal	20.4
4	Bahrain	66.6	48	Syria	20.0
5	Bangladesh	65.8	49	Mexico	19.5
6	Burkina Faso	63.0	50	Greece	19.0



Resources for Context Analysis





Identification Modules

Consumer Banking

Context

Module

Institutional Banking

Assessment Modules

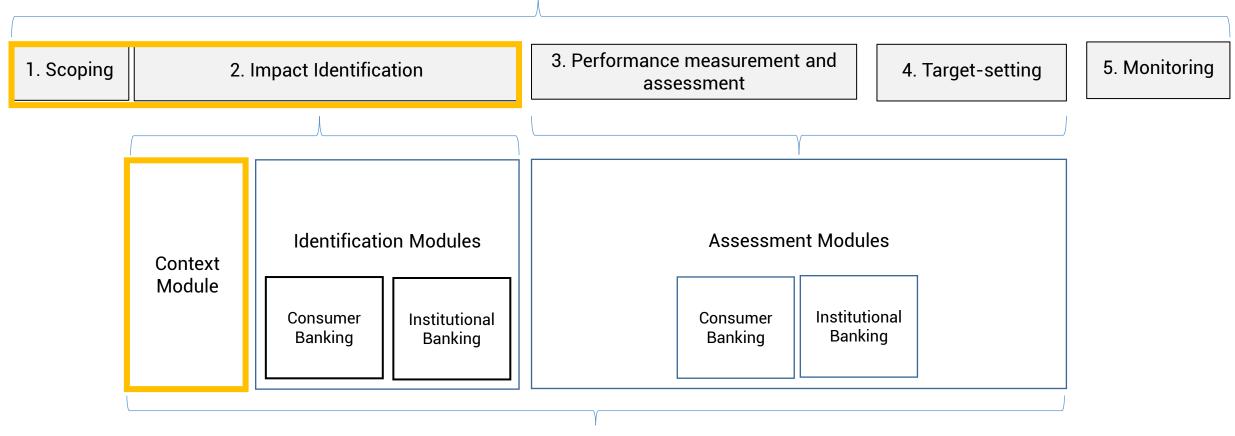
Consumer Banking

Institutional Banking



Context Module in the UNEP FI Impact Tool

IMPACT MANAGEMENT PROCESS



TOOL MODULES



Context Module

PRB requirement: 2.1.c. Context Impact Protocol: Pages 15-16

Portfolio Impact Analysis Tool for Banks (v.3) Context Module User Guide Portfolio Impact Analysis Tool for Banks (v.3) Context module

Key highlights:

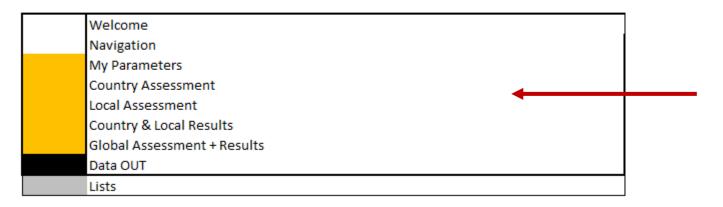
Understanding the environmental, social and socio-economic needs /priorities of the countries and locations in which your bank operates so as to set context-relevant targets.

- The Context Module enables the possibility to map needs at one or several levels, depending on the scope: country level, local level or global level
- Needs assessment to be performed on the basis of official statistical data sets, policy documents, trends & scenario research
- Prepopulated needs data for around 100+ countries and possibility to conduct a quick context assessment where data is already available in the database.



Context Module: Navigation

List of Worksheets



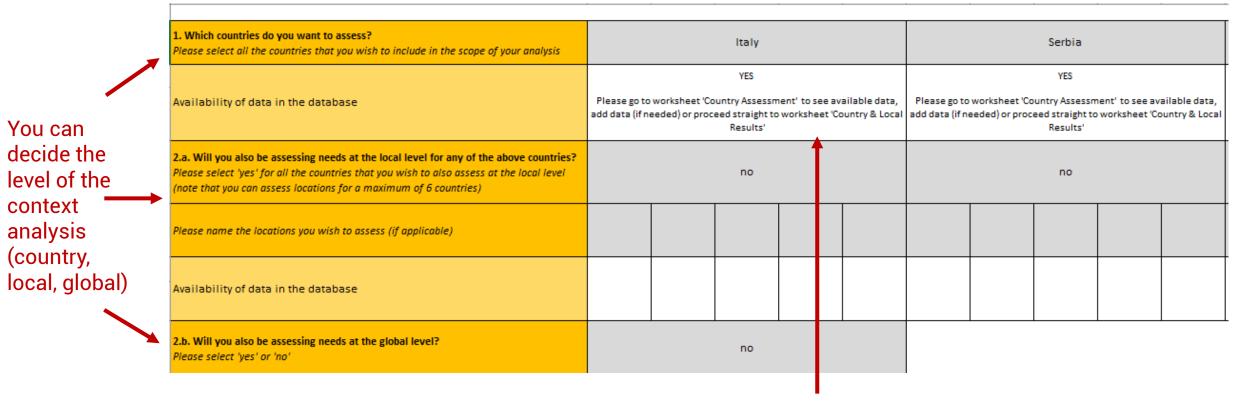
Four types of worksheets:

- Reference worksheets (white)
- Workflow worksheets (yellow)
- Data transfer worksheet (black)
- 'Back-end' worksheets (grey) (hidden)

Welcome Navigation My Parameters Country Assessment Local Assessment Country & Local Results Global Assessment + Results Data OUT

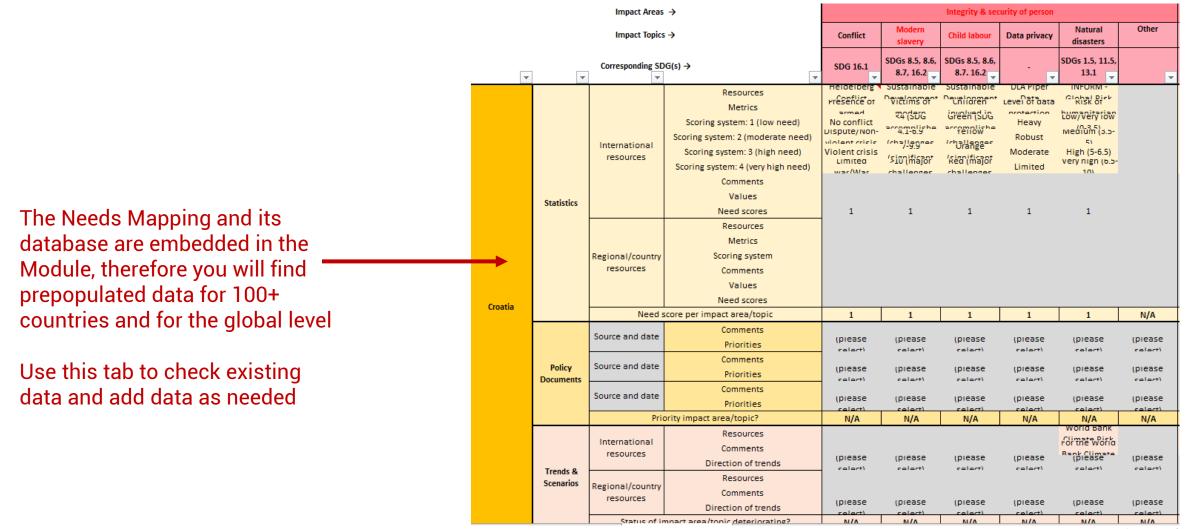


Context Module: Setting your parameters



For the selected countries, you can see if data is already available in the database

Context Module: Assessment



Data OUT



Context Module: Country and Local results (high level)

If data is already available in the database, results are automatically generated without input in the previous Assessment tabs

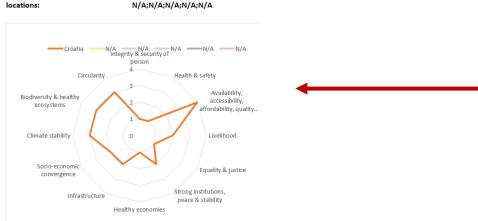
a. Needs and priorities per country & location

Sustainable Development Pillars →			Social			Socio-economic Natural environm				ent		
Impact Areas →	Integrity & security of person	Health & safety	Availability, accessibility, affordability, quality of resources & services	Livelihood	Equality & justice	Strong institutions, peace & stability	Healthy economies	Infrastructure	Socio- economic convergence	Climate stability	Biodiversity & healthy ecosystems	Circularity
Impact Topics →	Modern slavery, Child labour, Data	/	Energy, Housing, Healthcare &	(Employment, Wages, Social protection)		(Rule of law, Civil liberties)	(Sector diversity, Flourishing MSMEs)	/	/	/	(Waterbodies , Air, Soil, Species, Habitat)	(Resource intensity, Waste)
SDGs → Countries & Locations ↓	1,8,10,11,13,1 6	3	1,2,3,4,5,6,7,8 ,9,10,11,12,13 ,16,17	1,3,5,8,10	3,4,5,8,10,11, 16	1,10,11,16	1,8,9	9,11	1,10	1,7,9,12,13	2,3,6,11,13,14 ,15	6,8,11,12,13,1 4,15
Croatia			Х							Х	Х	Х
Italy Serbia	x		X X	X X		X		X		X X	X	X X

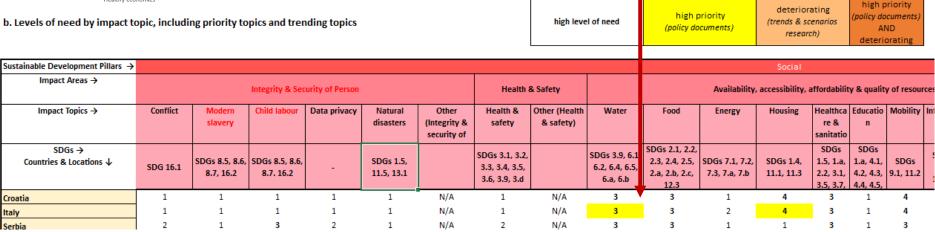
High level results: overview of priority impact areas per country and, if applicable, by location

Context Module: Country and Local results (detailed)

a. Level of need by country and locations (if applicable)



Detailed results: spider charts showing levels of need based on statistical data-sets + table showing status of all the impact topics in the relevant countries and locations considering all three types of resources

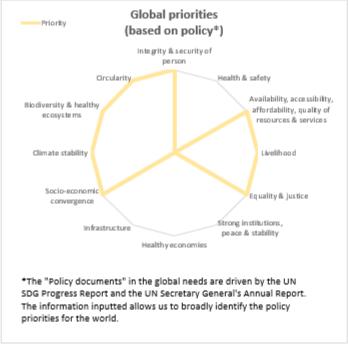




Context Module: Global results (high level)

High level results: overview of priority impact areas globally based on three different types of resources (statistical data-sets, policy documents and trends and scenarios research)





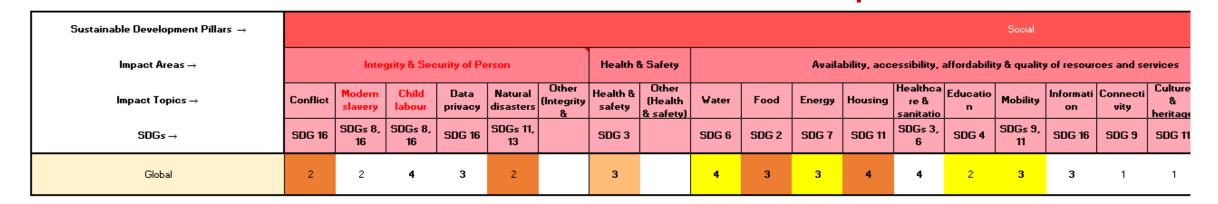




Context Module: Global results (detailed)

high level of need high priority deteriorating (trends & scenarios research) high priority (policy documents) AND deteriorating (trends & scenarios)

Detailed results: table showing the status of all impact topics considering the three types of resources

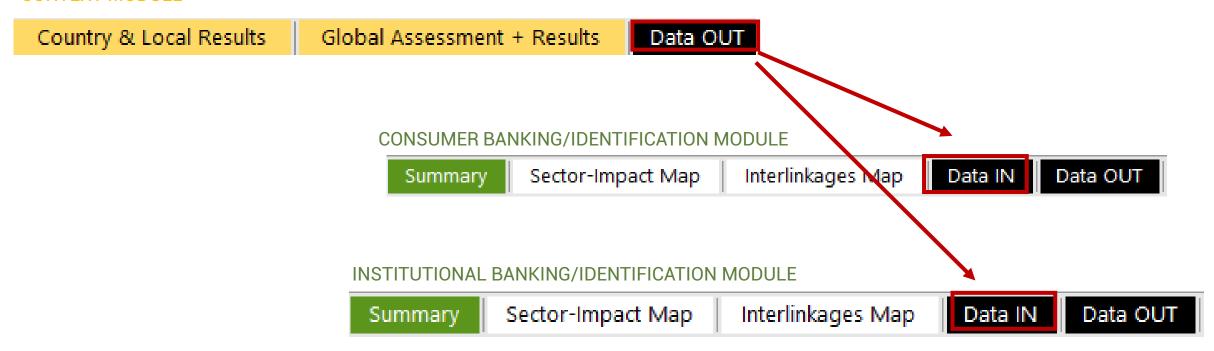




Context Module: Data OUT

The Data OUT worksheet is only needed to transfer data to the next Module (no input or review needed)

CONTEXT MODULE







Overview

A comprehensive update of the Needs Mapping has taken place for 2023 as part of an annual update.

This included work at specifically two levels:

- **Country level**: Many of the resources under the Country level have been updated to reflect better availability and recency of data. This included new resources or the selection of different metrics.
- Global level: The global level has had more of an overhaul in resources and visuals to make it more
 accurate and easier to use.



Country Level: Summary of changes to Statistical data

An extensive analysis of the current metrics took place to ensure the latest and most relevant public available information was being used. This included:

- 1. insertion of new sources, which have been found through both user feedback and consultation with topic experts
- 2. adjustment of chosen metrics, especially where data is more available and is more up-to-date
- adjustment in scoring criteria, where the scoring criteria may have previously misrepresented the need score



Example: Addition of new sources

Finance:

Previously: Sustainable Development Report 2021 (original data: World Bank)

Adults with an account at a bank or other financial institution or with a mobile-money-service provider (% of population aged 15 or over)

Now: Global Findex Database (World Bank)

- Financial institution account, income, poorest 40% (% ages 15+)
- Saved at a financial institution (% age 15+)

The Global Findex Database contains more up-to-date data, we also had the opportunity to cover two indicators to help reflect both financial inclusion and financial health.



Example: Adjustment of metrics

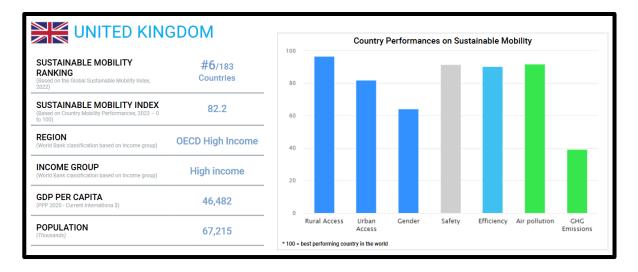
Mobility:

Previously (used under «Infrastructure»):
World Bank - SuM4All Global Tracking
Framework

 Average quality of transport infrastructure (road, rail, port and air)

Now (used under «Mobility»): Sustainable Mobility Index (Sum4All)

Global Sustainable Mobility Index (GSMI) Score



This index was used because it is an index score, it captures many different relevant indicators and provides a score per country that reflects its' mobility situation. It also has more up-to-date information.



Example: Adjustment of scoring criteria

Conflict:

Heidelberg Conflict Barometer

Presence of armed conflict

Previously this had reflected a "Violent crisis" as a high need score which brought up some non-reflective results, therefore we have adjusted the scoring as seen below:

Resources	Previous scoring criteria	New scoring criteria
Scoring system: 1 (low need)	No conflict	No conflict/Dispute
Scoring system: 2 (moderate need)	Dispute/Non-violent crisis	Non-violent/Violent crisis
Scoring system: 3 (high need)	Violent crisis	Limited war
Scoring system: 4 (very high need)	Limited war/War	War



Country Level: Summary of changes to data from Policy documents

Policy documents

 No changes to the types of sources (VNRs, national development plans), but a number of countries have had their policy documents inserted.

New key markets included

 Policy documents have been inserted for some key markets including China, USA, ASEAN countries and others.



Global Level: Summary of changes

The Global needs have been extensively revised to give a more accurate reflection of the needs situation at the global level.

Statistics:

- Many of the new resources and metrics found in the country level were also inputted into the global needs to create a more accurate global needs picture.
- A global average was taken on most resources to reflect the global situation.

Policy documents

Alongside using the latest SDG Progress report, we have inputted additional information from the UN Secretary General's report.

Trends & scenarios

Trends & scenarios information was also taken from the latest SDG Progress report and data updated accordingly.

New Visuals

Statistics:

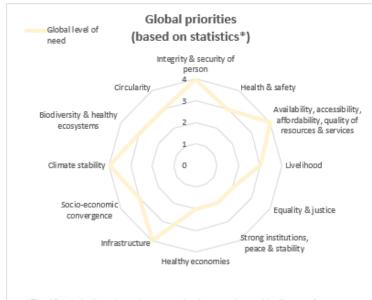
The lines indicate level of need per impact area (1 being lowest, 4 being highest) with a short explanation below the visual.

Policy documents:

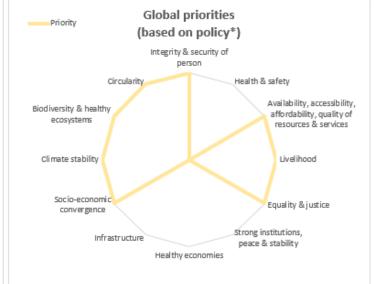
The lines indicate whether an impact area has been considered a policy as per the SDG Progress report and the UN Secretary General report.

Trends & scenarios:

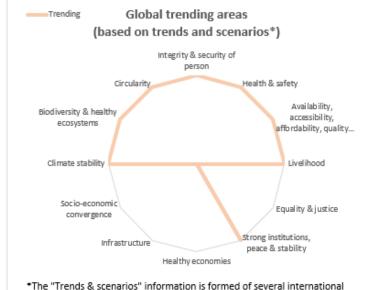
The lines indicate whether an impact area is considered to be deteriorating.



*The "Statistics" are based on quantitative metrics and indicators from reputable international organisations, in which a scoring system is used, with 1 being the lowest impact need, and 4 being the highest impact need.



*The "Policy documents" in the global needs are driven by the UN SDG Progress Report and the UN Secretary General's Annual Report. The information inputted allows us to broadly identify the policy priorities for the world.



documents which look particulary at where certain impact topics may be headed. The lines above indicate where an impact area may be deteriorating.





Q&A

- Do you have any questions on the update of the Needs Mapping?
- Any questions regarding implementation / usage of the Mapping and/or the Context Module?
 - Any feedback you'd like to share?





Let's keep in touch!

Help us continue to enrich the Needs database:

- Using additional resources and data?
 Working on additional countries not currently in the database? Feedback and suggestions? Let us know!
- Please send any suggestions for the Impact Needs Analysis / Database for your countries of operation to alexander.stopp@un.org

Need more implementation guidance?

- Check out the <u>User Guide</u>
- The recordings of a variety of implementation support sessions are available online: <u>Banking members area</u>
- Further technical sessions on the different Modules of the Tool will be held in 2024. Keep an eye on the member's area.



Thank you

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Statistics indicators & sources – Social pillar (1/2)

Impact Areas	Impact Topics	Sources of statistics
	Conflict	Heidelberg Conflict Barometer
	Modern slavery	Sustainable Development Report
Integrity & security of person	Child labour	Sustainable Development Report
	Data privacy	DLA Piper Data Protection Index
	Natural disasters	INFORM Global Risk Index
Health & safety	-	Sustainable Development Report, WHO
	Water	FAO, UNSTATS
	Food	Sustainable Development Report, Global Obesity Observatory, Global Food Security Index
	Energy	Sustainable Development Report
	Housing	UN Global SDG Database, IMF, OECD Affordable Housing Database
Availability, accessibility,	Healthcare & sanitation	Sustainable Development Report, Global Health Security Index
affordability, quality of resources & services	Education	UNDP HDI Database, Sustainable Development Report
	Mobility	Sum4All, TomTom Congestion Index
	Information	Reporters without Borders
	Connectivity	Sustainable Development Report, ITU
	Culture & heritage	UNSTATS
	Finance	World Bank



Statistics indicators & sources – Social pillar (2/2)

Impact Areas	Impact Topics	Sources of statistics
	Employment	ILO
Livelihood	Wages	World Bank
	Social protection	ILO
	Gender equality	UNDP Gender Inequality Index
Equality & Justice	Ethnic/racial equality	N/A
Equality & Justice	Age discrimination	Lancet
	Other vulnerable groups	N/A



Statistics indicators & sources—Socio-economic pillar

Impact Areas	Impact Topics	Sources of statistics
Strong institutions, peace & stability	Rule of law	World Justice Project, Transparency International
Strong institutions, peace & stability	Civil liberties	World Bank
Licelthy economics	Sector diversity	Harvard Growth Lab
Healthy economies	Flourishing MSMEs	World Bank
Infrastructure	-	Maximum score taken from Water, Energy, Mobility, Connectivity
Socio-economic convergence	-	WEF, World Bank



Statistics indicators & sources – Environmental pillar

Impact Areas	Impact Topics	Sources of statistics		
Climate stability	-	Germanwatch, IEA		
	Waterbodies	Global SDG Database		
	Air	WHO, IQAir		
Biodiversity & healthy ecosystems	Soil	UNSTATS		
	Species	Sustainable Development Report		
	Habitat	OECD		
Circularity	Resource intensity	IEA, FAO, Vienna University		
Circularity	Waste	World Bank		