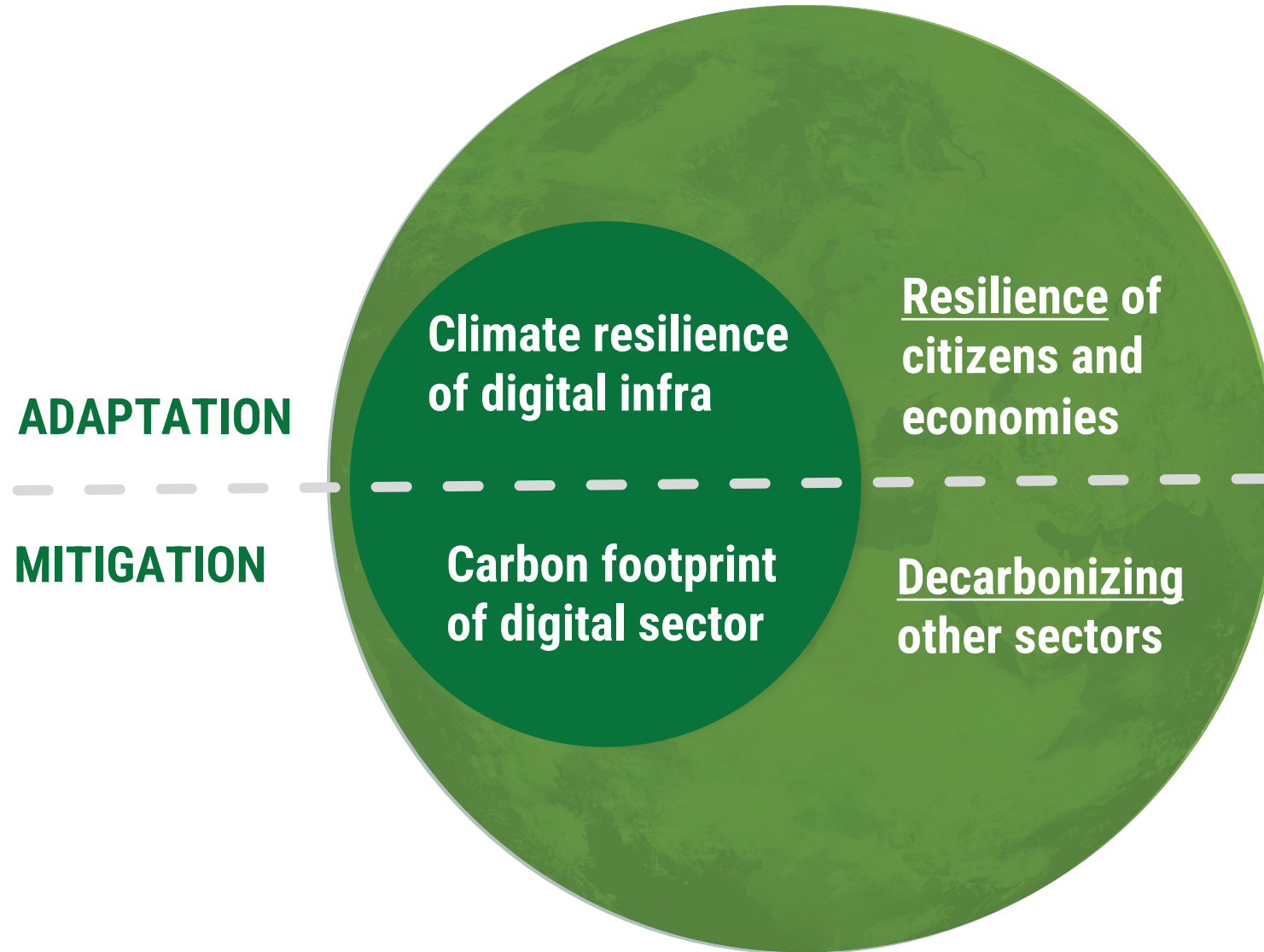




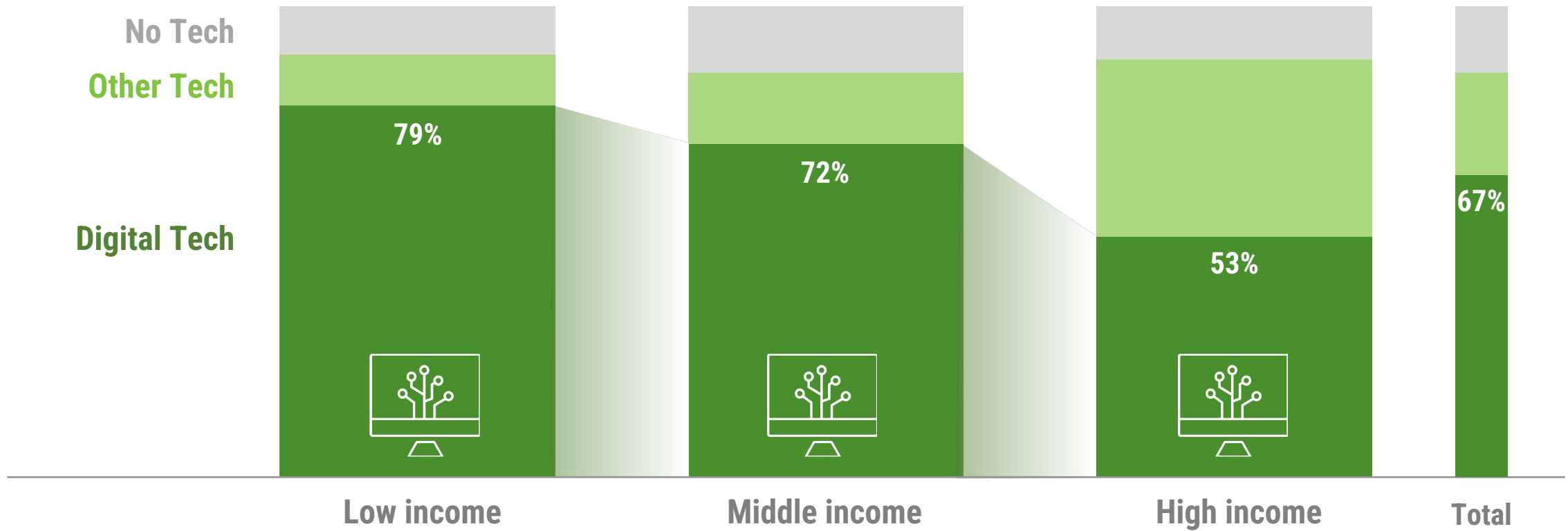
Green digital

May 2024, ITU

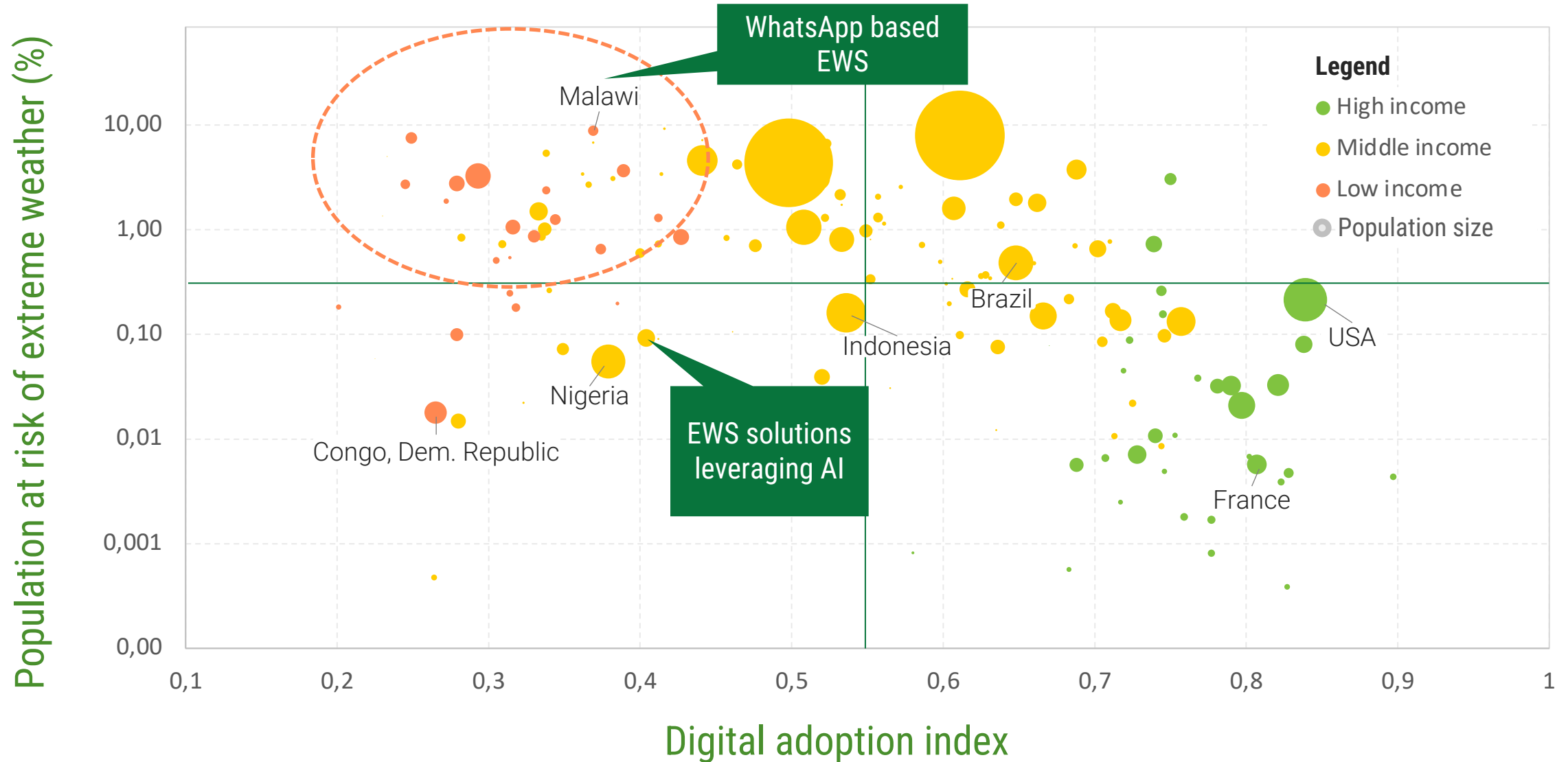
Greening digital – and greening *with* digital



Share of countries mentioning digital tech in their NDCs and NAPs

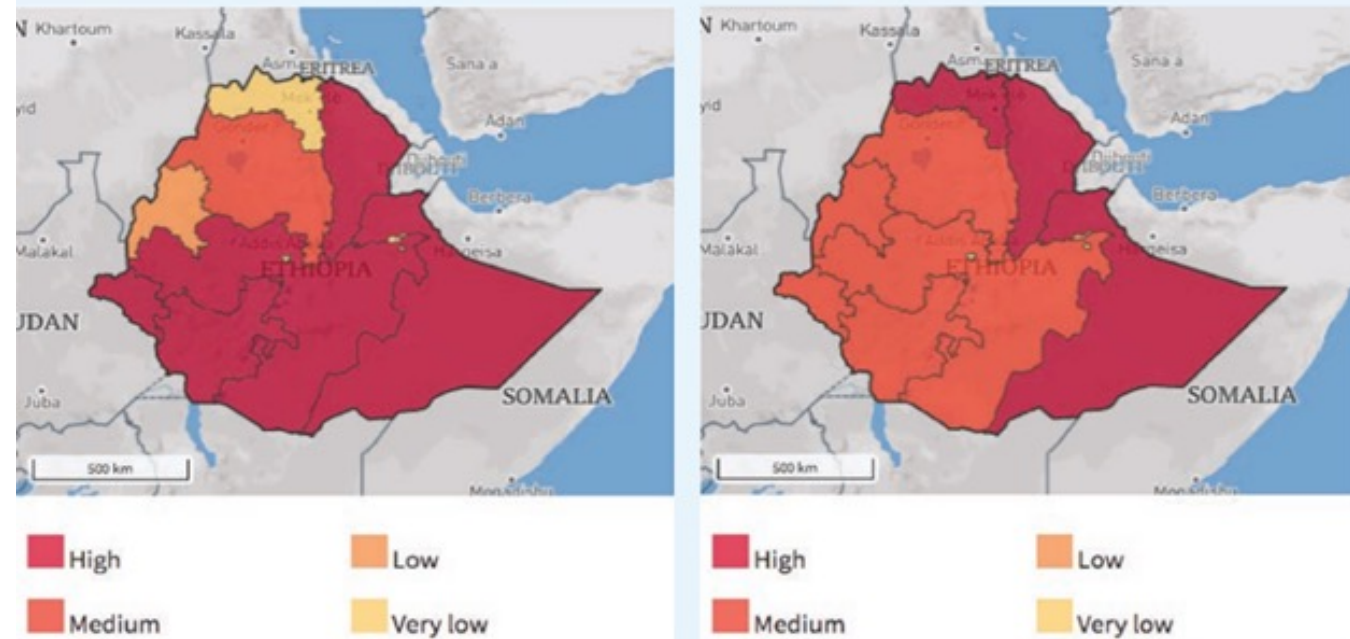


The digital divide is a resiliency divide



Enhancing resilience in Ethiopia

FIGURE 8. Risk of river flood (left)⁴⁷; Risks of extreme heat (right)⁴⁸



Source: ThinkHazard! (2020)

Why is digital necessary for resilience?

Countries able to use digital databases and trusted data sharing reach **3X** more beneficiaries



AI to help make sense of data

Participatory climate
risk assessments



Decision making



Climate solution

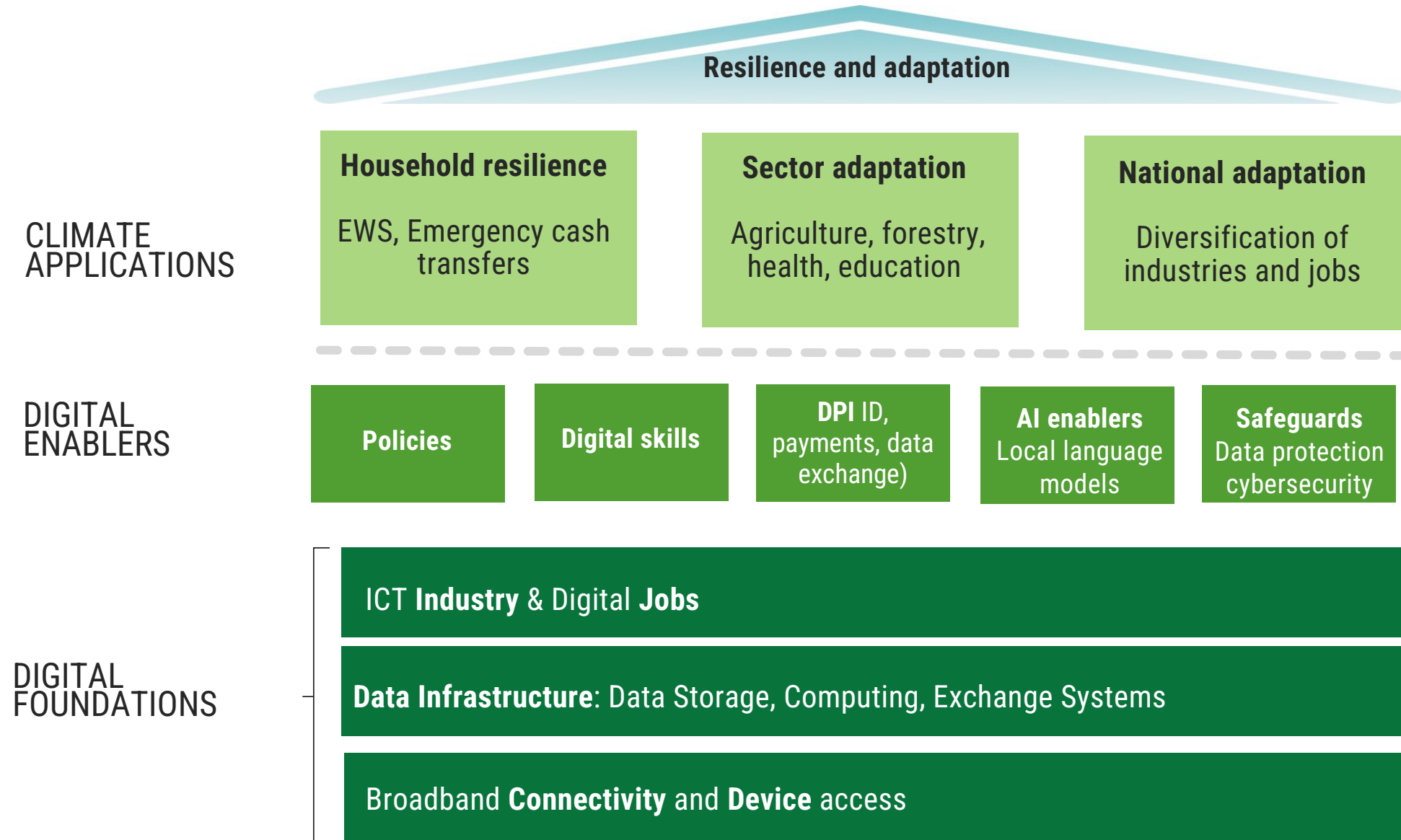


AI optimization of data for
decision making

Chat bots based
on LLM



Digital ecosystem for resilience and adaptation



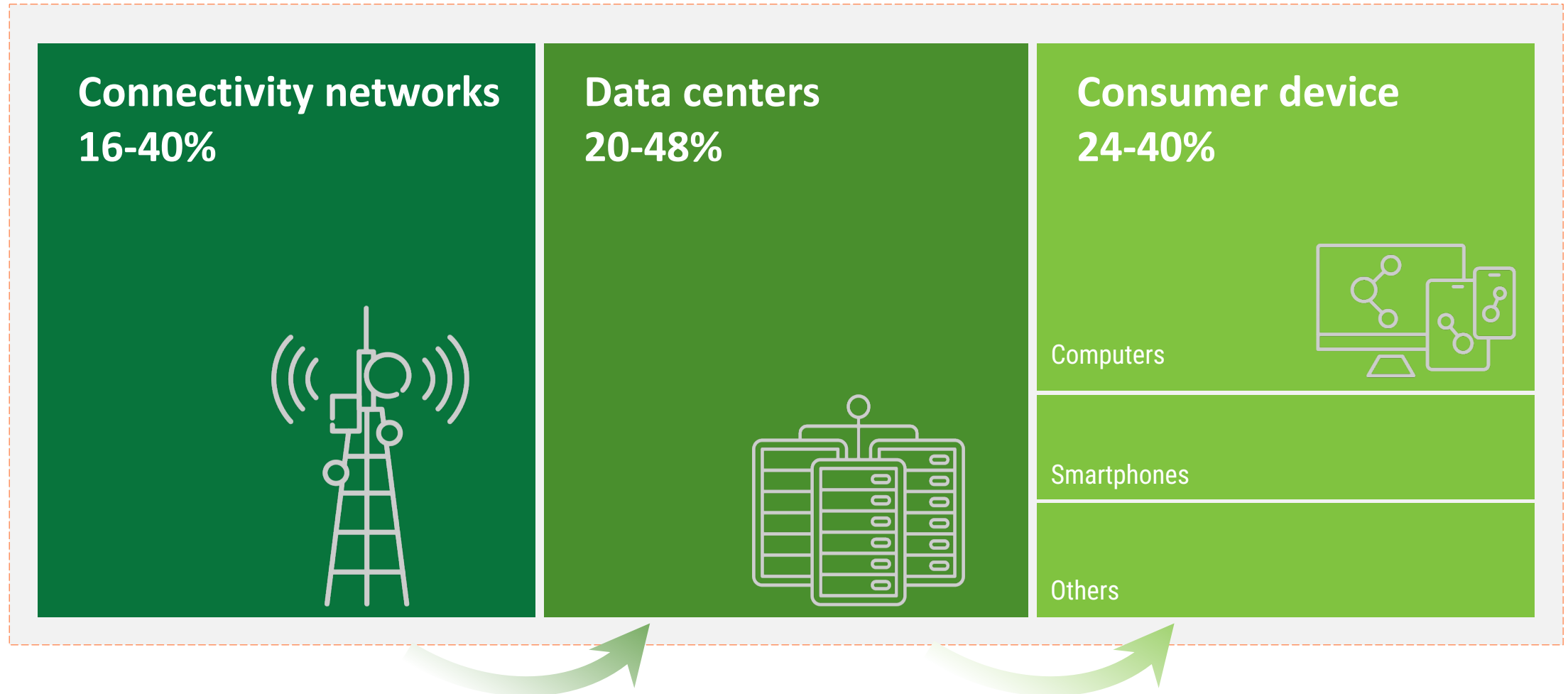


Digital footprint study

2024

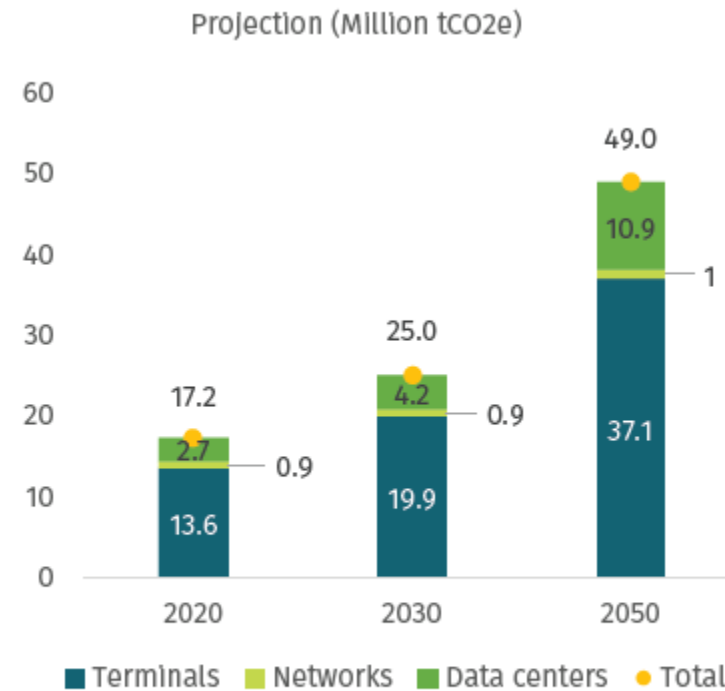
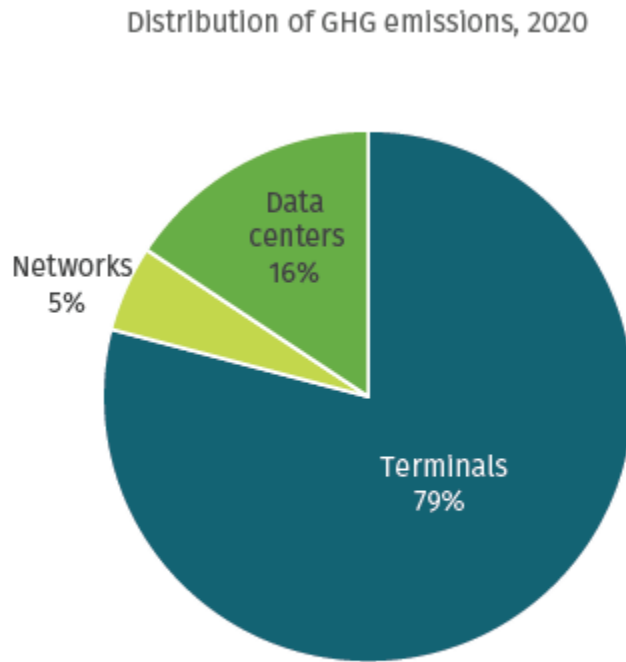
Emissions are distributed across the value chain

Total emissions from the sector: 1.5-4%



Data for regulation: the case of France

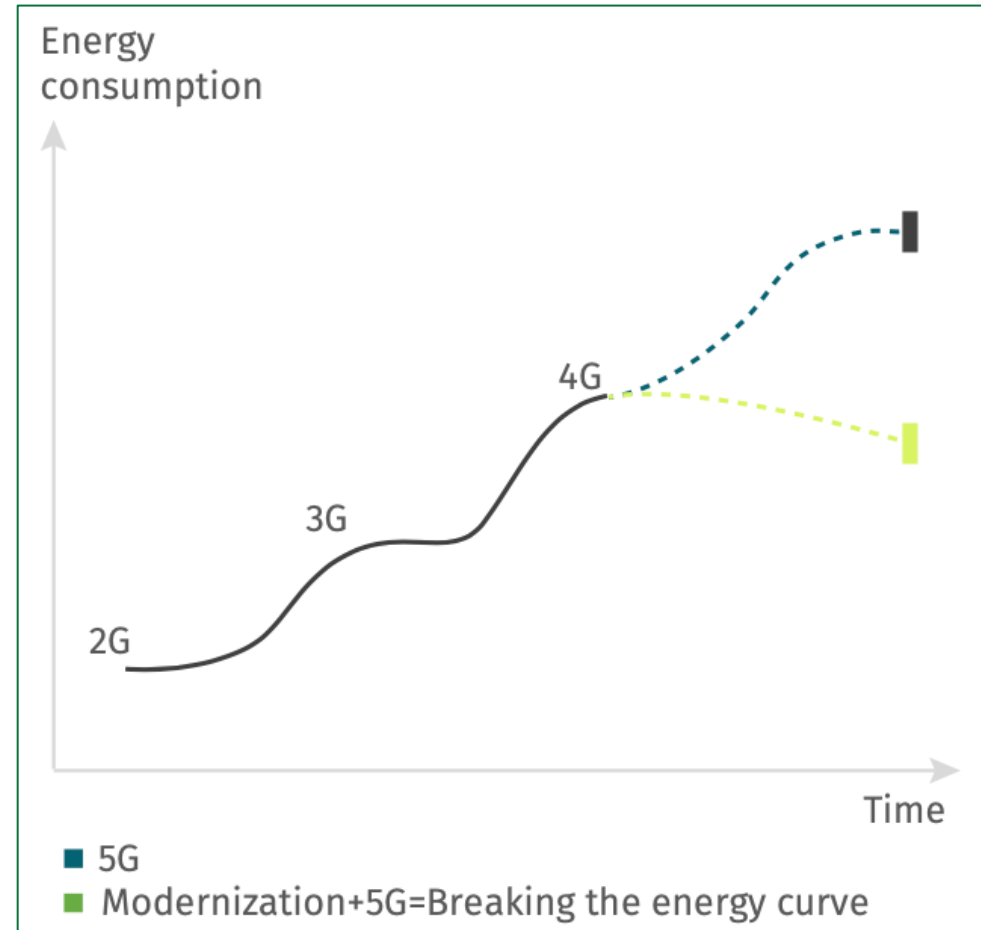
ICT carbon footprint in France



Source: ARCEP and ADEME. "Etude ADEME Arcep Analyse prospective de l'impact environnemental du numérique en France" https://www.arcep.fr/uploads/tx_gspublication/Etude-ADEME-Arcep-presentation-conference_06_03_23.pdf

Better data driving policies: Network efficiencies

- Network infrastructure is becoming more energy efficient
- Greater capacity comes with higher consumption
- Energy efficiency vs other factors, such as availability and affordability of services





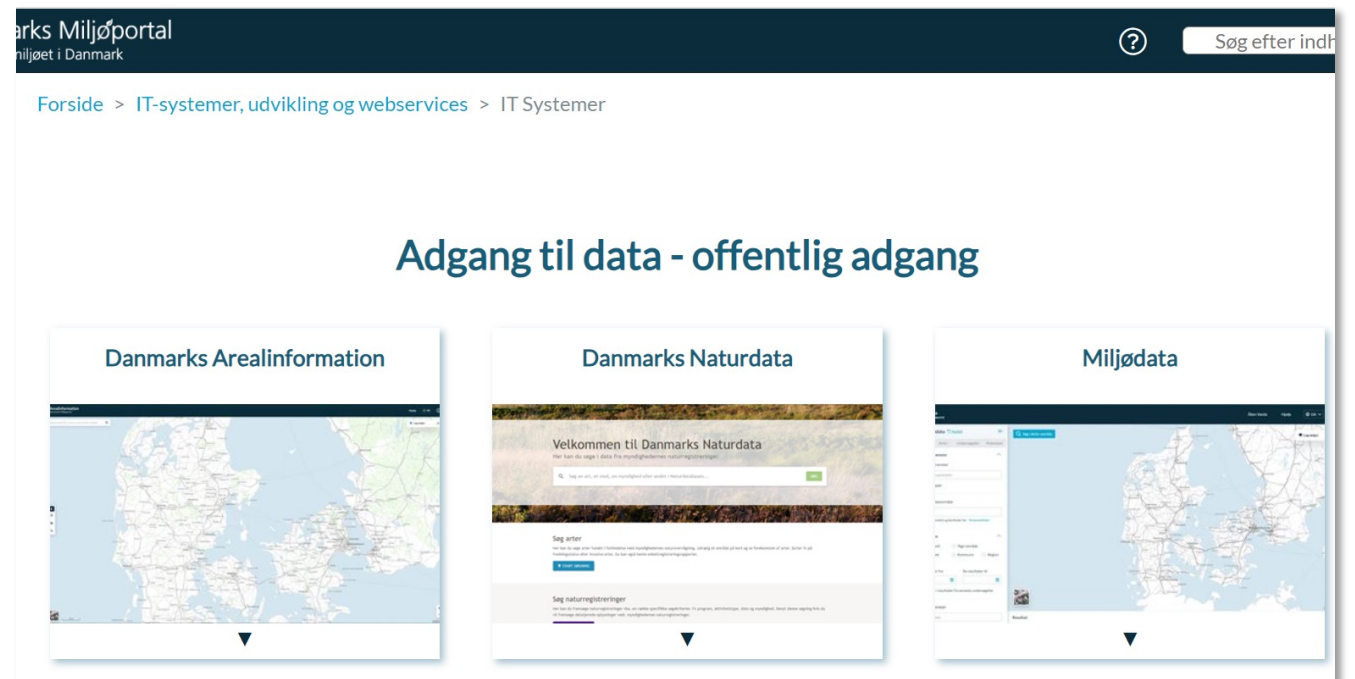
Shared data platforms

April 2024

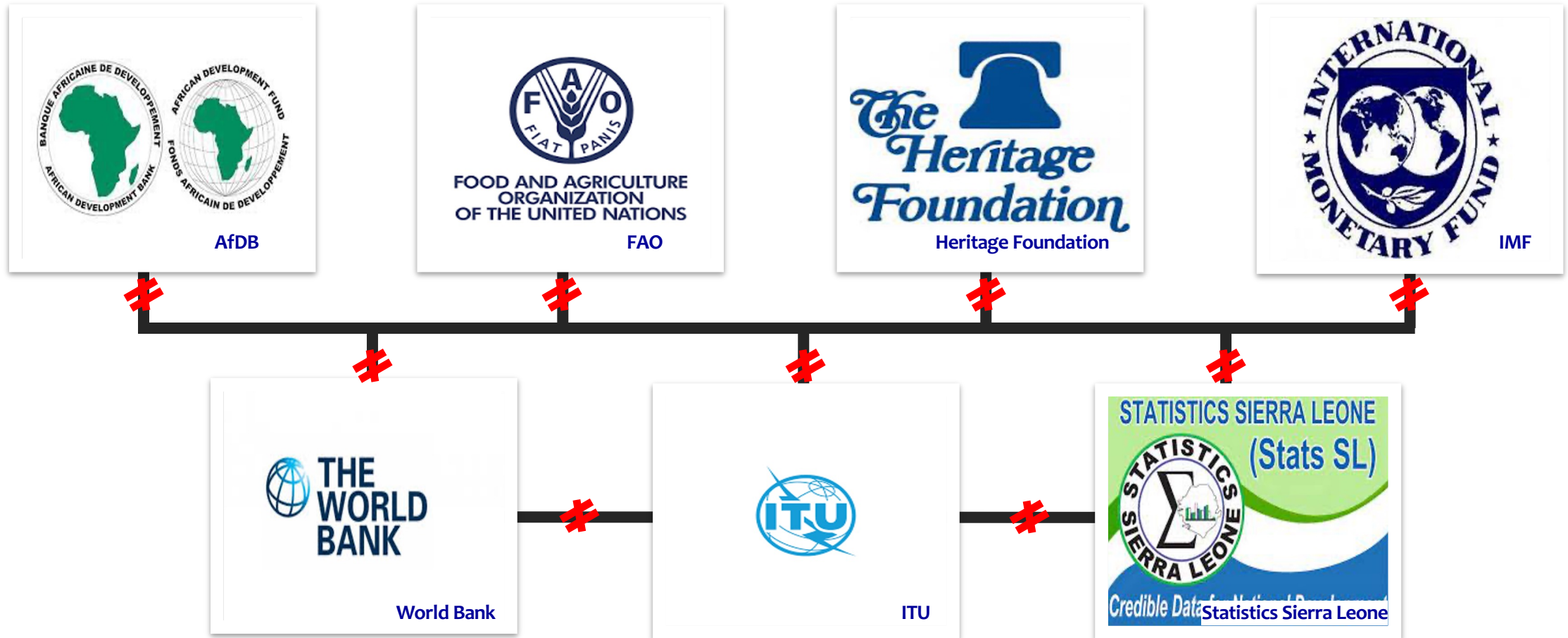
Shared data platform diagnostic

Enable policymakers and other stakeholders to more easily **share, analyze, and visualize** environmental and climate-relevant information

- Data Classification Model & Diagnostic Tool
- **Country cases:** Maldives and Sierra Leone



Disconnect in data portal



Sierra Leone

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Consumer price index (1)

H

Corruption (1)

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CPI (1)

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M

Economics (5)

N

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I

Statistics Sierra Leone - SSL (16)

J

Transparency International - TI (1)

K

U.S. Energy Information Administration - EIA (1)

L

United Nations Conference on Trade and Development - UNCTAD (4)

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United Nations Department of Economic and Social Affairs - UNDESA (2)

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United Nations Statistics Division - UNSD (2)

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Most of Data from Int'l Org.

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Make your queries as concise as possible.

Other resources that may help you:

Get additional search tips by visiting Web Search Help.

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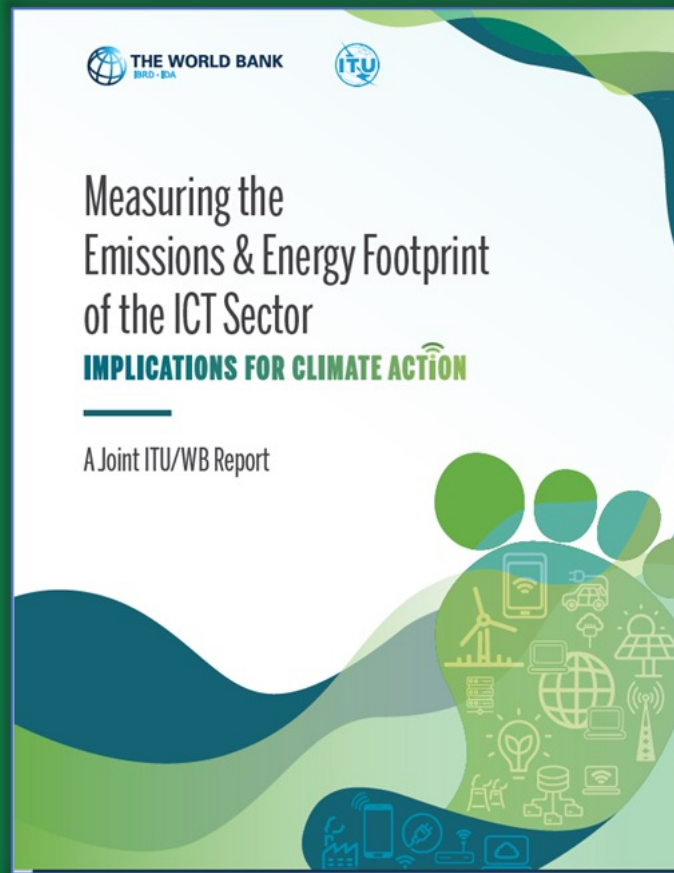
16

16

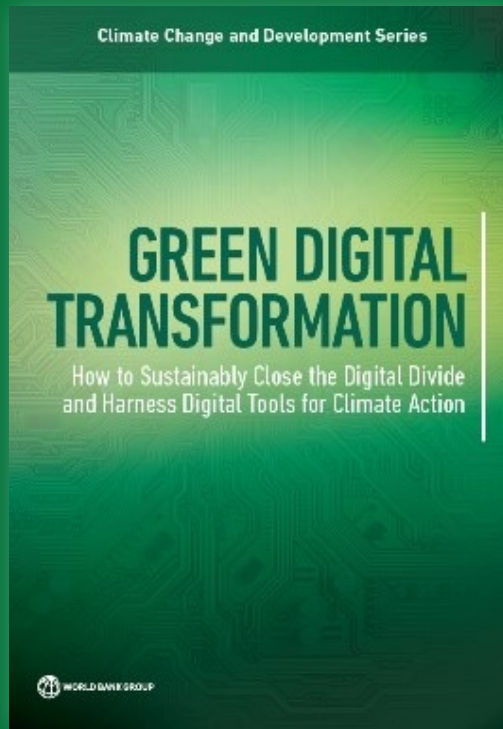
Proposed Framework of Diagnostic Tool for Shared Data Platform

Governance	Federal Level	Coordination Body	Agency Level	Supporting Agency	Dispute Res. Body (OGIS)	
Laws & Regulations	Open by Default	Organizational Structure	Dispute Res. Body Est.	Planning (basic, action)	Assessment	Data Format
	Data License	Data Mgmt.	Data List Registration	Data Standardization	Data Portal	Util. Support Center
	Util. Support Activities	Data Usage Survey	Education & Training	Intl. Cooperation		
Standard	Common Vocabulary	Organizational Code	Metadata	Open Data Provision	Quality Mgmt.	
System	Common Vocab. Mgmt.	Org. Code Standard Mgmt.	Metadata Standard Mgmt.	Data List Mgmt.	Prov. Standard Mgmt.	Natl. Portal
Assessment	Data Quality	Data Mgmt.	Data Open	Data Utilization		
Util. Promotion	Util. Support Center	Education & Training	Challenges/Competitions/Events	Best Practice Sharing	Data Usage Survey	Intl. Cooperation

 Essential Components to open public data
 Fundamental Components to open public data



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