UN Sustainable Development Goals (SDGs) How the World Bank assists with data collection and implementation
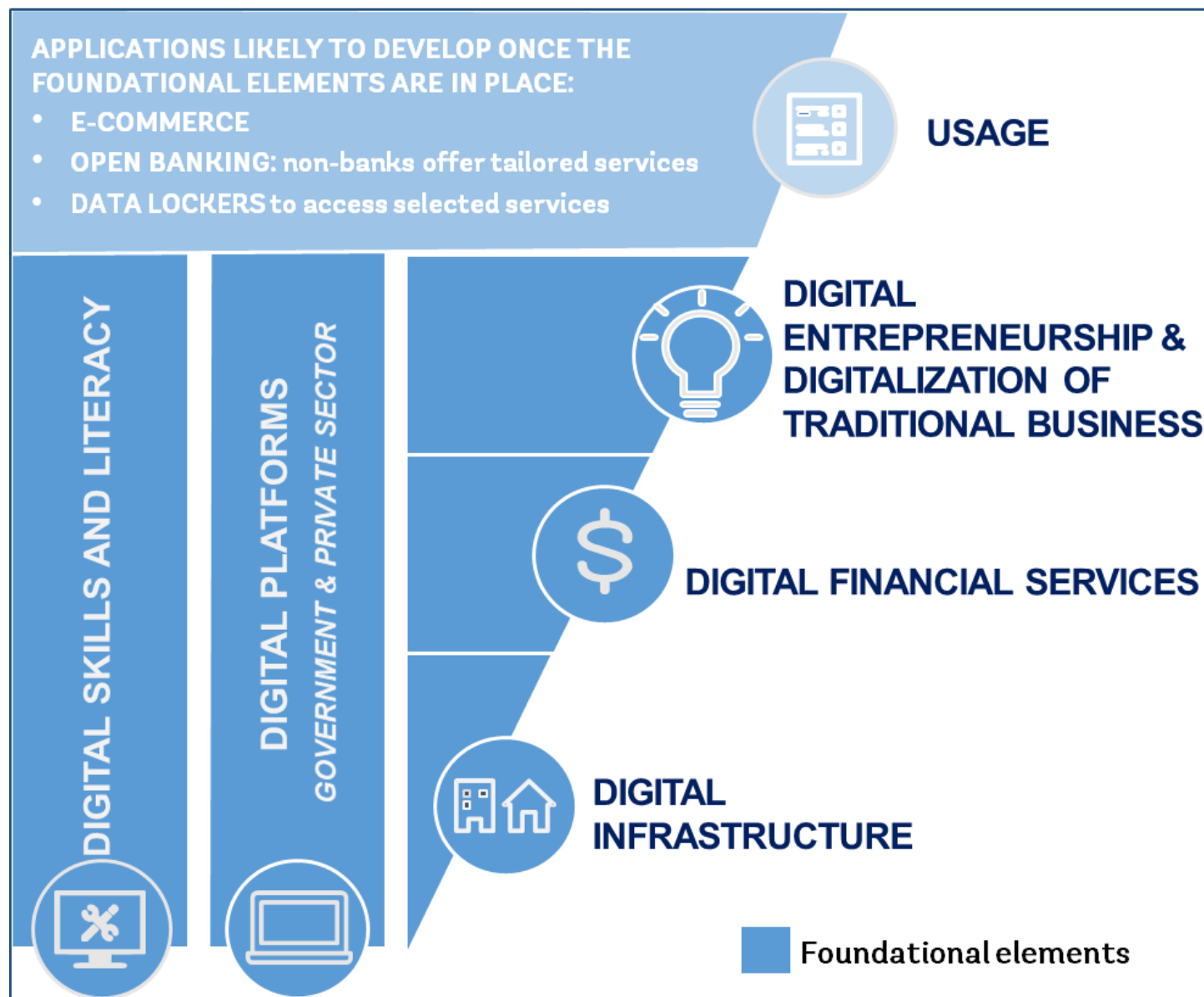
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Tim Kelly, World Bank
WTIS, Geneva, 10 Dec 2018

Digital Economy for All: Conceptual Framework

APPLICATIONS LIKELY TO DEVELOP ONCE THE FOUNDATIONAL ELEMENTS ARE IN PLACE:
- E-COMMERCE
- OPEN BANKING: non-banks offer tailored services
- DATA LOCKERS to access selected services

USAGE

DIGITAL ENTREPRENEURSHIP & DIGITALIZATION OF TRADITIONAL BUSINESS

DIGITAL FINANCIAL SERVICES

DIGITAL INFRASTRUCTURE

DIGITAL SKILLS AND LITERACY

DIGITAL PLATFORMS — GOVERNMENT & PRIVATE SECTOR

Foundational elements

- **Digital Economy for All (DE4A)** conceptual framework has five pillars and a number of cross-cutting areas (eg gender, cybersecurity, competition policy, data protection)

- **Digital Economy Country Assessments (DECA)** currently underway in a number of countries (eg Ghana, Egypt, Kenya, Lesotho, Rwanda, RSA, Seychelles)

- **Digital lending programs** (eg Digital Malawi, Digital Tanzania)

- **Digital Moonshot for Africa** – goal for **Every African Individual, Business and Government to be Digitally Enabled by 2030**

Digital Development: WBG analytical work

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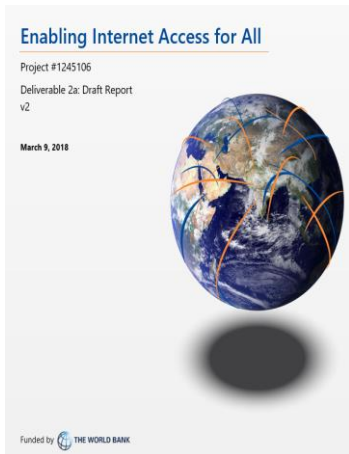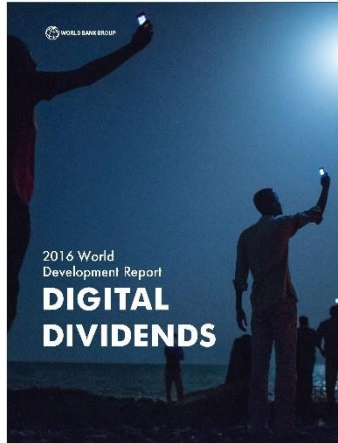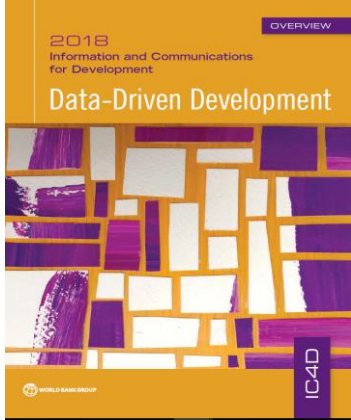
World Development Report 2016: Digital Dividends

Information and Communications for Development Flagship

- **Published every three years (latest edition Oct 2018; next 2021)**

- **Data-driven development report – Focus on how governments, firms and individuals can extract value from the data deluge and use it to advance development**

Regional and country-level reports

- **"Competing in the digital age" report on Russian Federation (Sept 18)**

- **"Malaysia's Digital Economy", (Sept 18)**

- **Broadband Networks in MNA; eTransform Africa; Digital Single Market in East Africa, etc**

- **Upcoming studies on Tanzania, Egypt, Peru etc**

Thematic reports

- **Innovative approaches to broadband deployment (Internet for all)**

- **ICTs for post-conflict reconstruction**

- **Upcoming DDP funded work on ECOWAS Regulatory Watch, Digital Business indicators, AI Governance, Digital Platforms etc**

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Digital Development

World Bank and the SDGs

SUSTAINABLE DEVELOPMENT GOALS

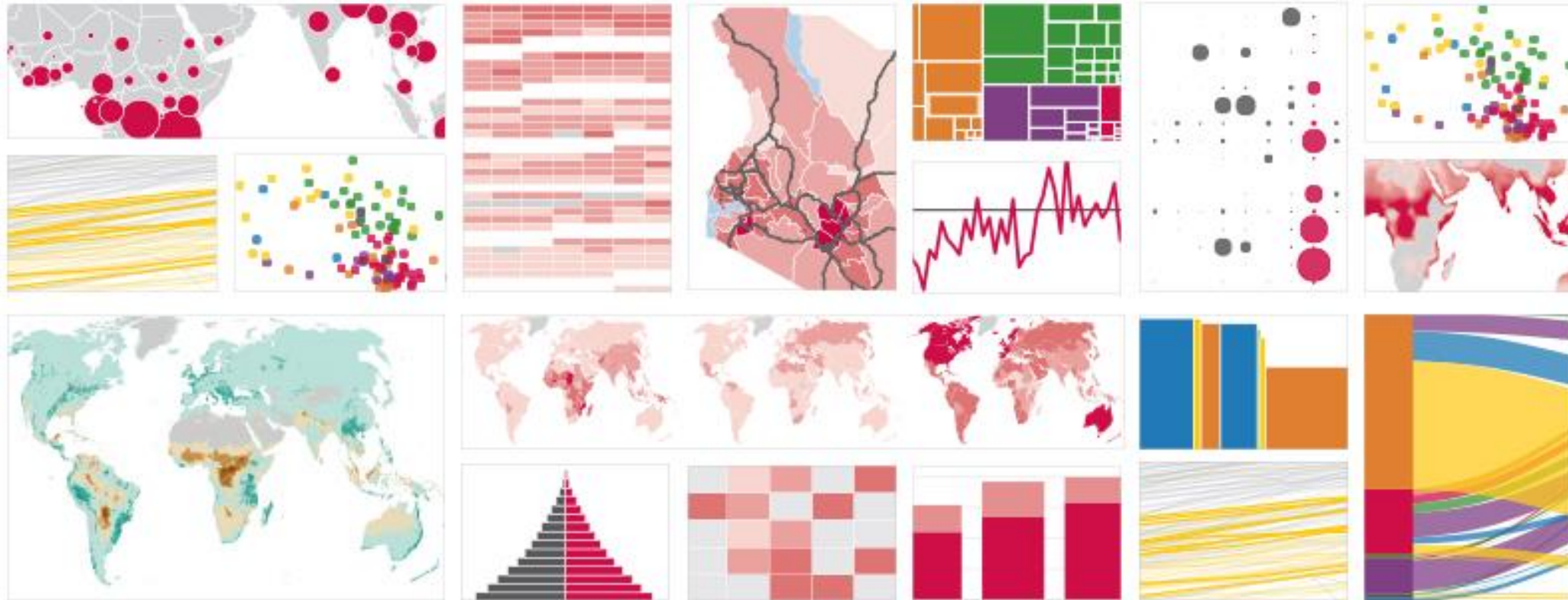- Participates in the Inter-agency and Expert Group on SDG Indicators (IEAG-SDGs)

- Develops and contributes to the global indicator framework

- Contributes to capacity-building though the Trust Fund for Statistical Capacity Building and Innovation Fund

- Promotes Open Data

data.worldbank.org/sdgatlas

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Atlas of Sustainable Development Goals
2018 From World Development Indicators

How is the WBG involved in SDG indicators?

Bank directly responsible   Bank involved

Tier 1 — 93 total, 7 direct, 11 involved

Tier 2 — 72 total, 10 direct, 4 involved

Tier 3 — 62 total, 4 direct, 4 involved

Mixed tiers — 5 total, 1 involved

Source: World Bank SDG Indicator Monitoring Working Group, June 2018
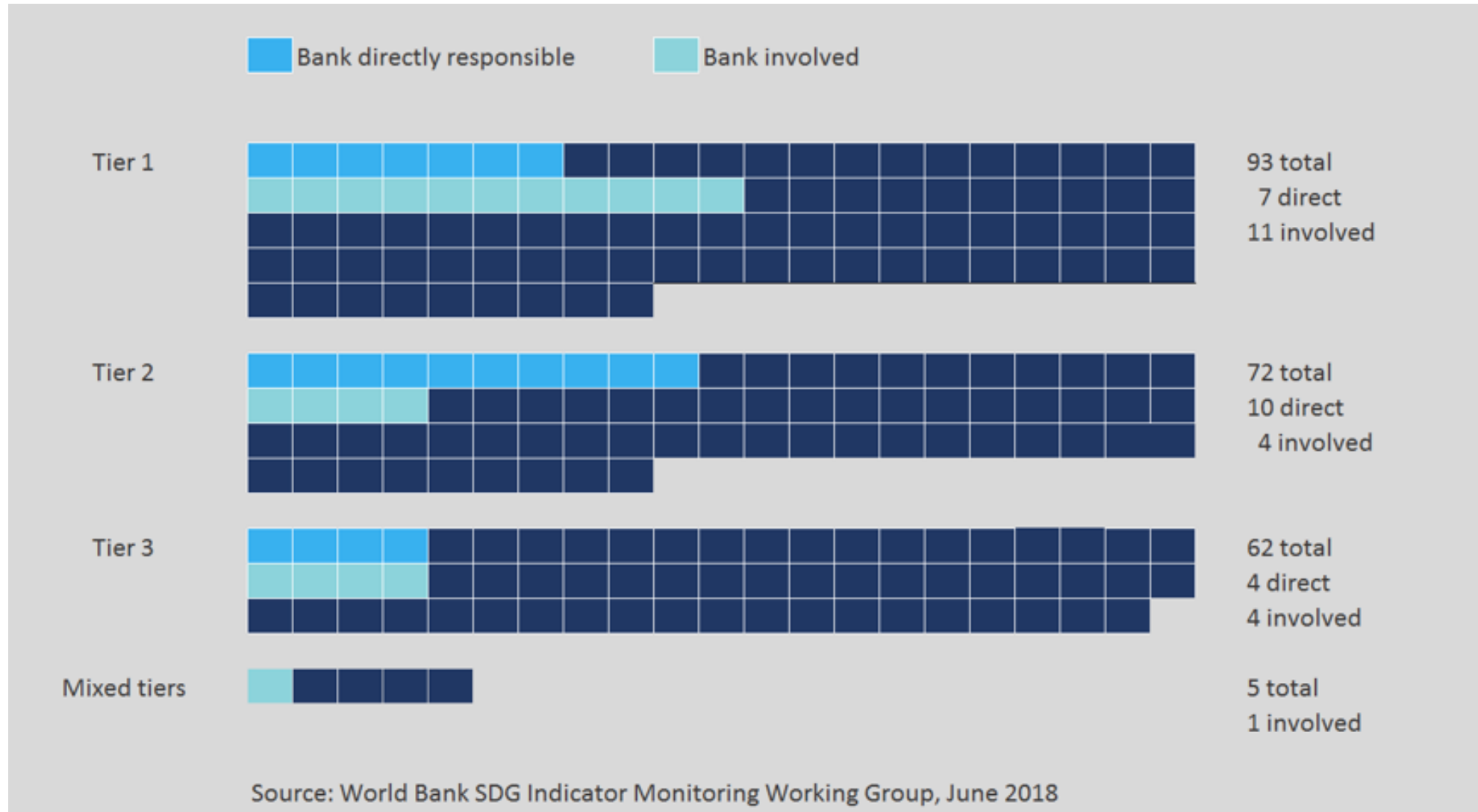
Which SDG Indicators does the WBG help measure?

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No	Indicator	Name	Bank Unit	Tier
1	1.1.1	$1.90 poverty	Poverty/DEC	1
2	1.2.1	Monetary poverty, national	Poverty	2
3	1.2.2	Multidimensional poverty, national	Poverty/DEC	2
4	1.3.1	Social Protection Coverage	Social Protection	1
5	1.4.2	Land tenure security	DEC Agriculture	2
6	3.8.2	Universal Health Care	Health Nutrition Population & DECHD	2
7	5.1.1	Legal framework for Gender equality	DEC Indicator Group	2
8	7.1.1	Electicity access	Energy GP	1
9	8.10.2	Access to Finance	DEC Finance	1
10	9.1.1	Rural road access	Transport GP	3
11	9.3.2	Small-scale industries with loan / credit line	DEC Indicator Group	2
12	10.1.1	Growth of B40 vs average	Poverty GP	2
13	10.2.1	People under 50% median income	Poverty GP, DECDG	3
14	10.7.1	Recruitment costs	Social Protection	3
15	10.c.1	Remittance costs	Finance and Markets GP	2
16	16.5.2	Bribery	DEC Indicator Group	2
17	16.6.1	Actual versus approved budget	Governance GP	1
18	17.3.2	Remittance volume / total GDP	DEC Data Group	1
19	17.4.1	Debt service / exports of goods and services	DEC Data Group	1
20	17.13.1	Marcoeconomic Dashboard	DEC Data Group	3
21	17.17.1	Amount of Public Pvt Partnership	Pub. Priv Partnership	2

WBG initiatives on specific ICT-related SDGs (1)

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Goal 9.c: Universal Affordable Broadband

- Digital Moonshot for Africa

- Digital Economy for All

- Lending programs

  - Regional: RCIP, WARCIP, CAP

  - Country: "Smart Villages Niger", Digital Tanzania etc

Individuals without mobile Internet broadband in Sub Saharan Africa and North Africa
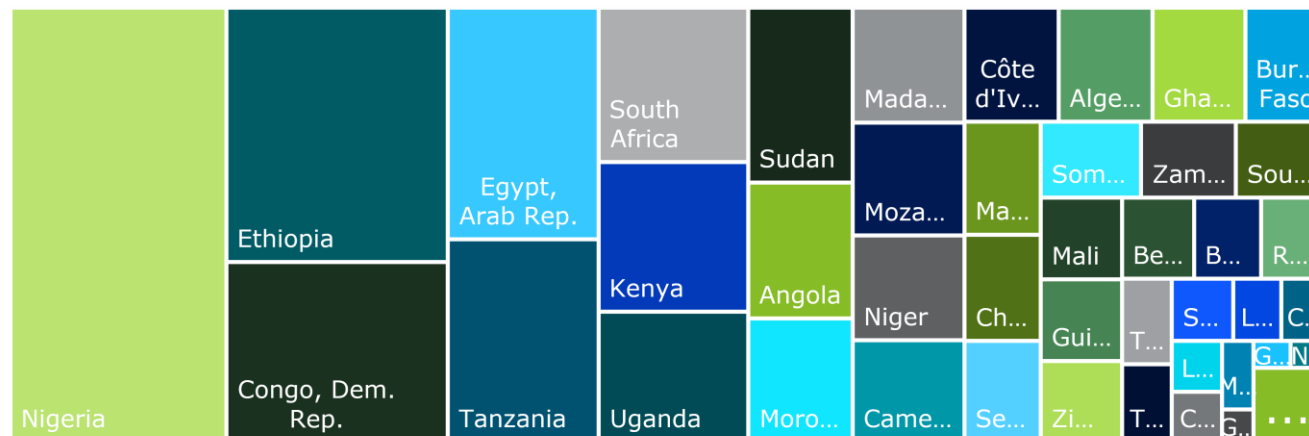
Goal 16.9: Universal Legal Identity

- Digital ID for All program (ID4D)

- Analytical work -- 33 country assessments

- Lending programs

  – WURI (West Africa) and pipeline program in East Africa

  – Country programs in Nigeria, Somalia etc

Status of National ID Systems in Sub-Saharan Africa

0 Least Developed ID Systems
1 Intermediate Development with some gaps
2 Most Developed ID Systems
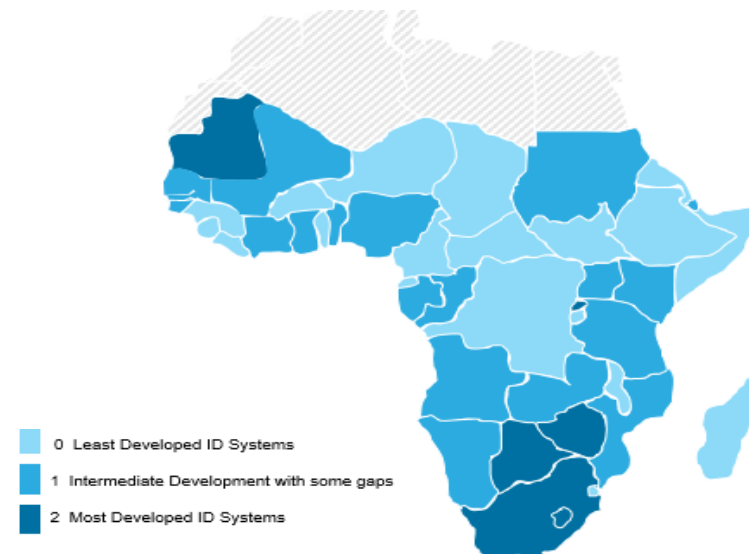
WBG initiatives on specific ICT-related SDGs (2)

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Goal 10.c: Reducing remittance costs

- Corridor-level research on remittance costs

- Country-level research on financial inclusion, through "Findex" survey

  - National payments switch in Burundi

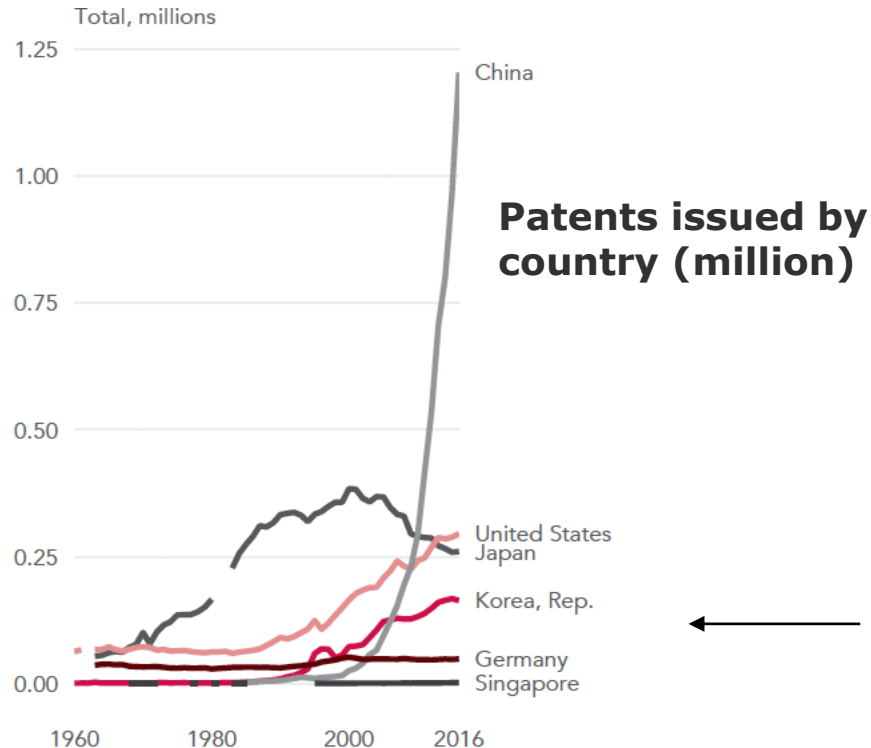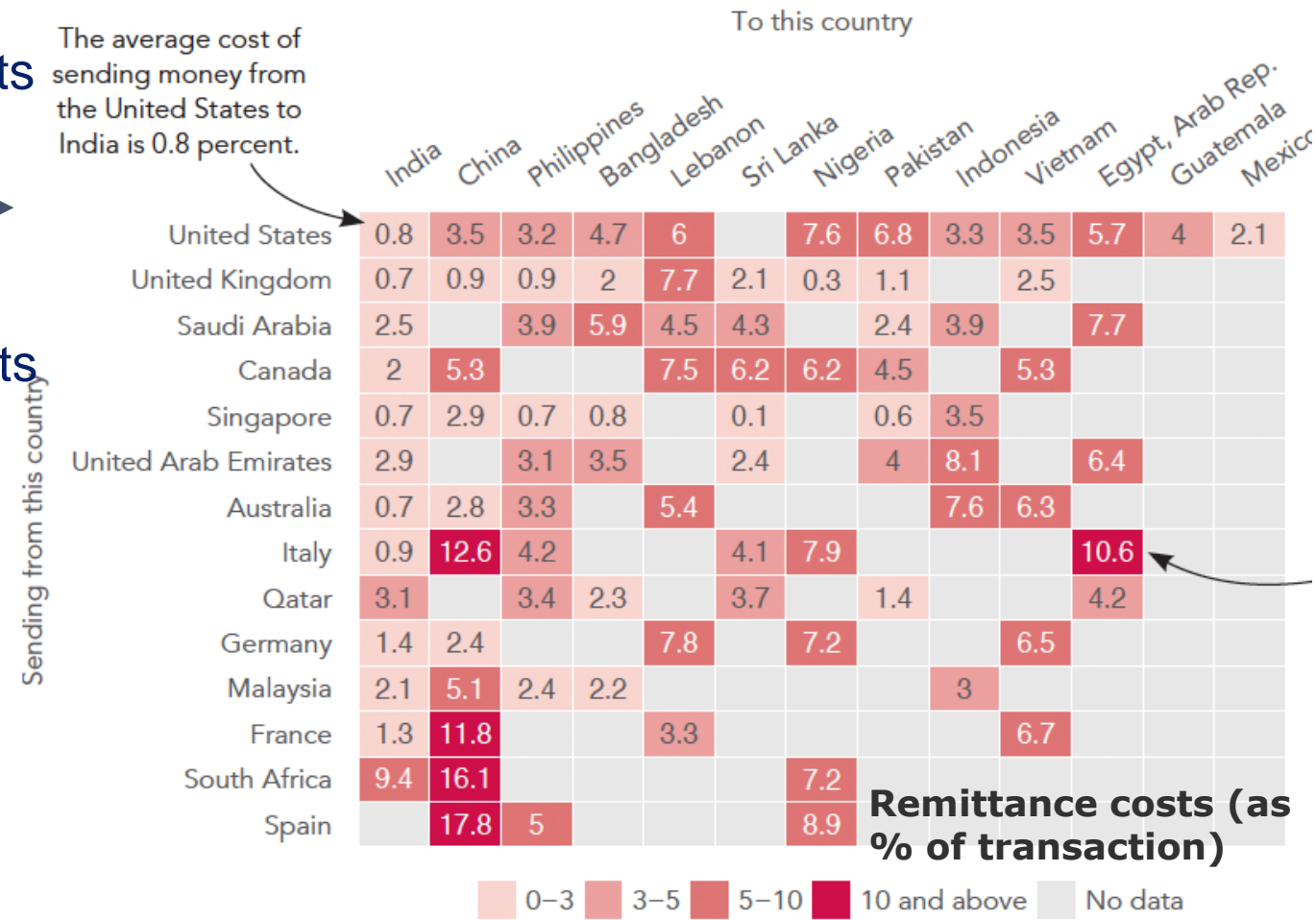 - Facilitating G2C mobile money payments in Somalia

The average cost of sending money from the United States to India is 0.8 percent.

Remittance costs (as % of transaction)

To this country / Sending from this country

	India	China	Philippines	Bangladesh	Lebanon	Sri Lanka	Nigeria	Pakistan	Indonesia	Vietnam	Egypt, Arab Rep.	Guatemala	Mexico
United States	0.8	3.5	3.2	4.7	6		7.6	6.8	3.3	3.5	5.7	4	2.1
United Kingdom	0.7	0.9	0.9	2	7.7	2.1	0.3	1.1		2.5			
Saudi Arabia	2.5		3.9	5.9	4.5	4.3		2.4	3.9		7.7		
Canada	2	5.3			7.5	6.2	6.2	4.5		5.3			
Singapore	0.7	2.9	0.7	0.8		0.1		0.6	3.5				
United Arab Emirates	2.9		3.1	3.5		2.4		4	8.1		6.4		
Australia	0.7	2.8	3.3		5.4				7.6	6.3			
Italy	0.9	12.6	4.2			4.1	7.9				10.6		
Qatar	3.1		3.4	2.3		3.7		1.4			4.2		
Germany	1.4	2.4			7.8			7.2		6.5			
Malaysia	2.1	5.1	2.4	2.2					3				
France	1.3	11.8				3.3				6.7			
South Africa	9.4	16.1						7.2					
Spain		17.8	5						8.9				

0–3   3–5   5–10   10 and above   No data

Total, millions

Patents issued by country (million)

China
United States
Japan
Korea, Rep.
Germany
Singapore

1.25, 1.00, 0.75, 0.50, 0.25, 0.00

1960 1980 2000 2016

Goal 9.5: Encouraging innovation and research

- Tech Hubs funded in Kenya, RSA, Senegal, Ghana etc

- Innovation Funds

Thank You

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