United Nations | Department of Economic and Social Affairs

Ministry of Technology and Communications (MTC)

Capacity Development and Consultation Workshop

Lao PDR National Data Governance Framework

10-11 May 2023 | Vientiane | Lao PDR

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https://publicadministration.un.org/egovkb

https://bit.ly/EGOVKB

SCAN ME

United Nations E-Government Survey 2022

12TH
Edition of the
UN E-Government Survey

The Survey includes digital government ranking of the **193 UN Member States**. The 2022 Survey also marks the first study to incorporate an assessment of e-government in the **most populous city** in each of UN Member State.
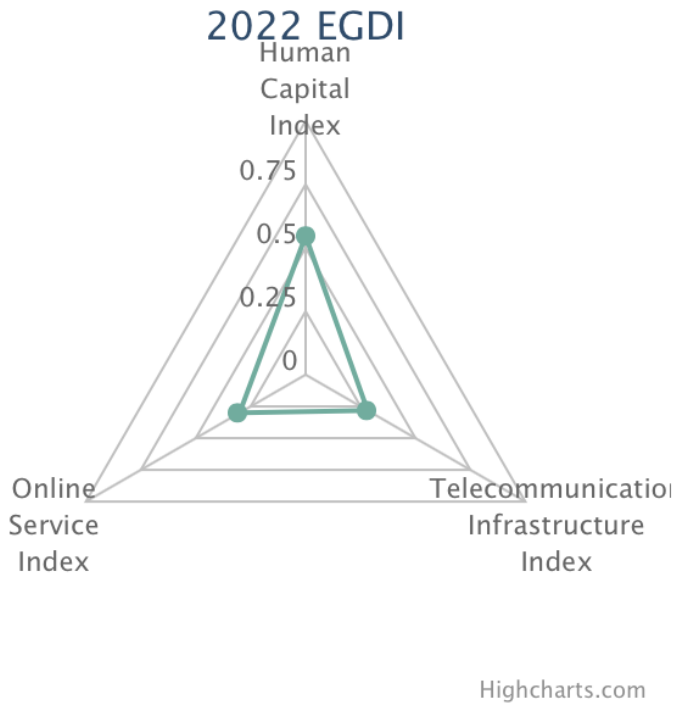
More than 20 years of data – and a vision of the future

The Survey looks at how digital government can facilitate integrated policies and services across 193 UN Member States. It supports countries' efforts to provide effective, accountable and inclusive digital services to all, bridge the digital divide and leave no one behind.

bit.ly/EGovernmentSurvey | #EGovernmentSurvey

E-Government Development Index (EGDI)

2022 EGDI

Human Capital Index — Telecommunication Infrastructure Index — Online Service Index

Highcharts.com

E-Government (2022 EGDI: 0.3764)

2022 Rank	159
Group	MEGDI
Rating Class	M3
2020 Rank	167
Change	-8

E-Participation (2022 EPART: 0.2614)

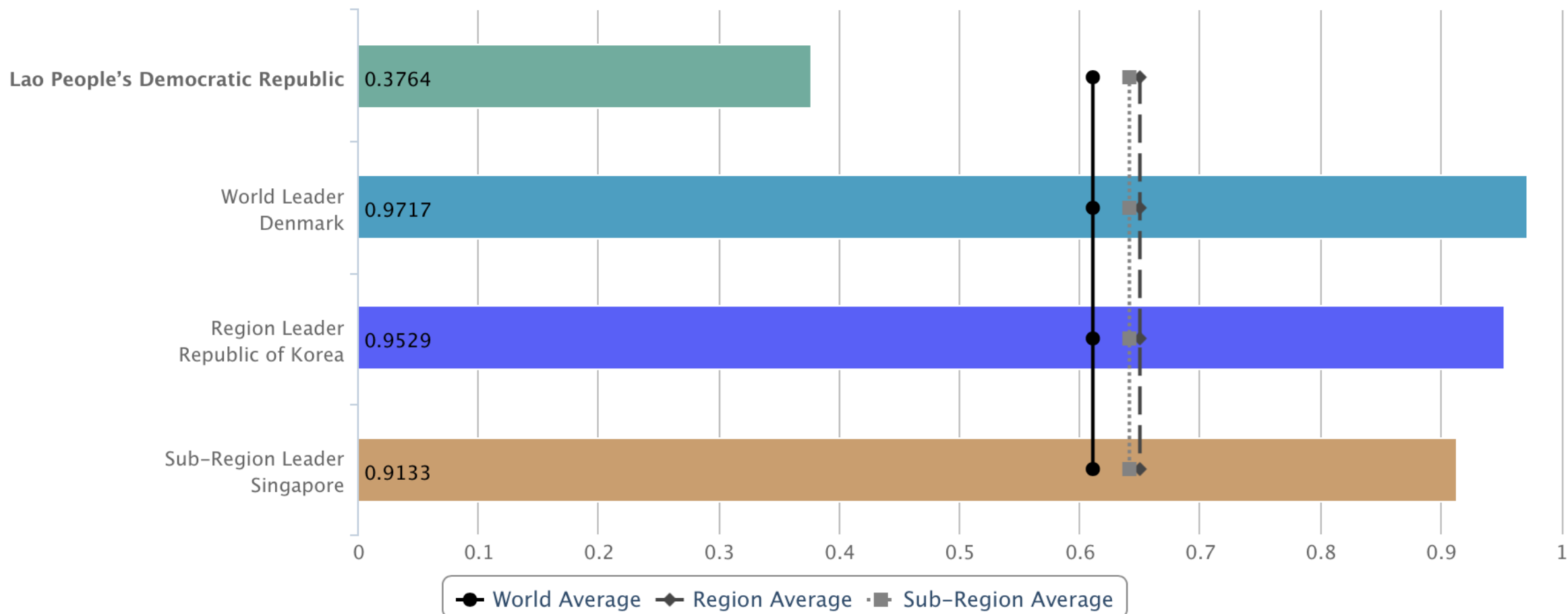|	
2022 Rank	132
2020 Rank	175
Change	-43

Lao PDR's E-Government Development Index (EGDI) is **ranked 159th globally in 2022,** 8 spots up from 2020.

In e-participation, LAO PDR has progressed 43 places, **ranked 132nd in the E-Participation Index (EPI) in 2022**, compared to 175th in 2020.

E-Government Development Index

2022

E-Government Development Index	2022	2020	2018	2016	2014	2012	2010	2008	2005	2004	2003
Lao People's Democratic Republic (Rank)	159	167	162	148	152	153	151	156	147	144	149
Lao People's Democratic Republic (Value)	0.37640	0.32880	0.30560	0.30900	0.26588	0.29350	0.26371	0.23830	0.24208	0.23286	0.19161

Legend:
- Lao People's Democratic Republic — 0.3764
- World Leader Denmark — 0.9717
- Region Leader Republic of Korea — 0.9529
- Sub-Region Leader Singapore — 0.9133

- World Average
- Region Average
- Sub-Region Average

Highcharts.com

The future of digital government

- **Central role** of digital government, digital economy, digital society and the SDGs

- Changing institutional dimension of e-government, from silos to **whole-of-government, whole-of-society, and integrated strategies** covering multiple sectors, multilevel (across local jurisdictions) and multistakeholder (with private sector, academia and civil society) dimensions

- Role of digital government in **responding to crisis and emergencies** such as pandemics and conflict, supporting a responsive and resilient government

- Role of **AI, analytics and frontier technologies** in driving anticipatory, predictive and responsive services

- Need for a **national data framework/strategy** in supporting to digital government strategy
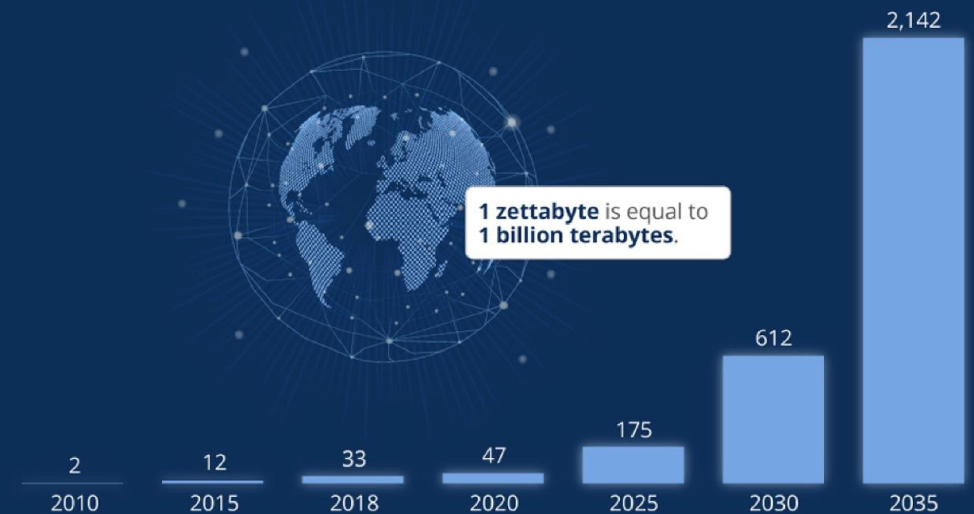
Data Trends

Digital data is "a reinterpretable representation of information in a formalized manner, suitable for communication, interpretation or processing", which is authored/generated by people or machines/sensors, or as a by-product.

Data grows rapidly, and will increase more than tenfold **from 175 zettabytes in 2025 to 2,142 zettabytes in 2035** (Note: One zetta is a "1" followed by 21 zeroes)

Close to 50 per cent will be stored in the public cloud

(Source: 2020 UN E-Government Survey; chapter 6)

Global Data Creation is About to Explode

1 zettabyte is equal to 1 billion terabytes.

2	12	33	47	175	612	2,142
2010	2015	2018	2020	2025	2030	2035

Actual and forecast amount of data created worldwide 2010-2035 (in zettabytes)

#NationalDataGovernance   #DataGovernanceFramework   #EGovernmentSurvey
#SDGs   #GlobalGoals   #SmartBangladesh2041

Data Governance
why it matters

"With their ... **volume, variety, velocity and value,** data are sometimes referred to as **"oil", "gold" or "currency",** reflecting the perception that data represent the fuel or currency for government"

(Source: 2020 UN E-Government Survey; chapter 6)

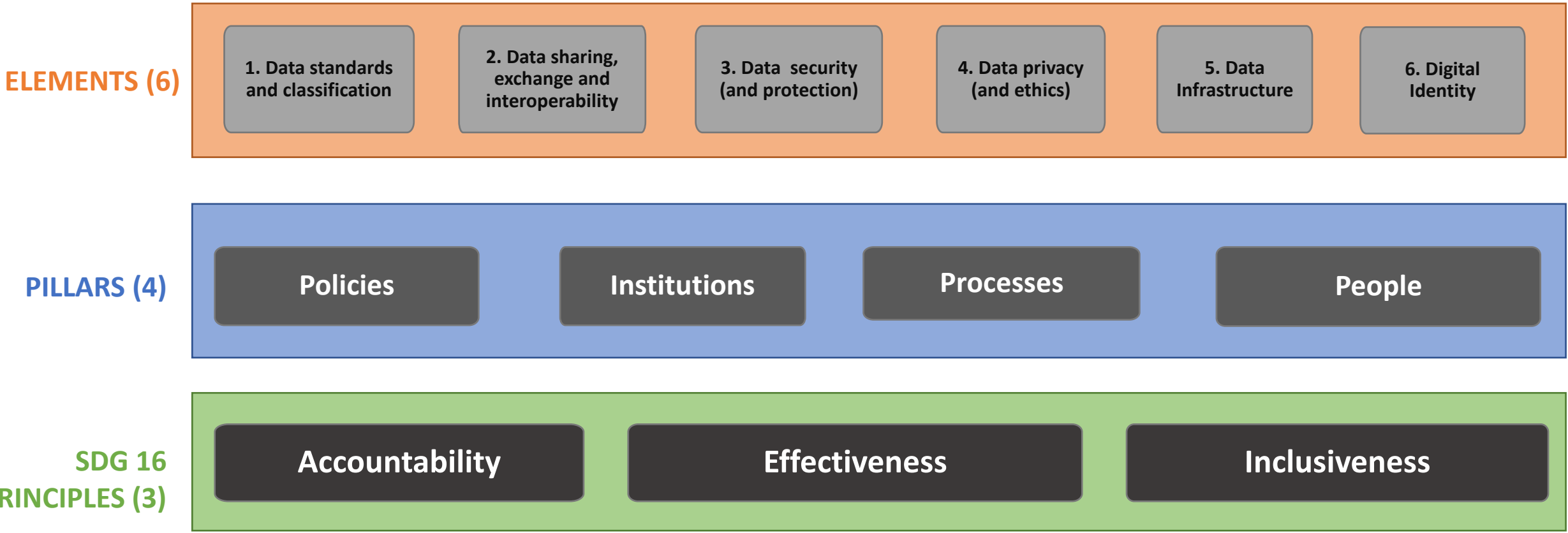**United Nations** | Department of Economic and Social Affairs
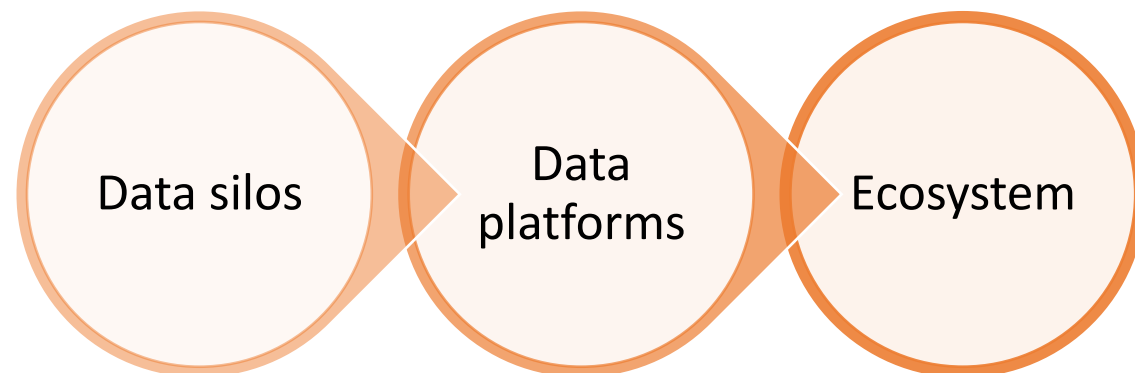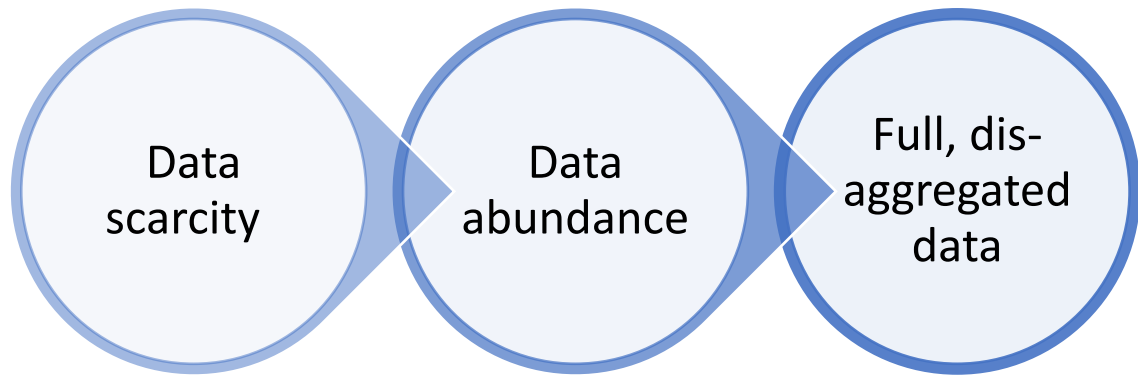
UN DESA Project Objective

Enhancing the **institutional and individual capacities** of government officials and stakeholders in target countries,

for **digital data management, data governance and data cooperation**

to achieve mutual benefit, win-win outcomes and common development.

UN DESA' s National Data Governance Framework

ELEMENTS (6)	1. Data standards and classification	2. Data sharing, exchange and interoperability	3. Data security (and protection)	4. Data privacy (and ethics)	5. Data Infrastructure	6. Digital Identity

PILLARS (4)	Policies	Institutions	Processes	People

SDG 16 PRINCIPLES (3)	Accountability	Effectiveness	Inclusiveness

Workshop Agenda-at-a-glance

Day 1   Opening Session

Session 1: **Setting the Scene** (UN DESA)
            National Trends and Development in Lao PDR

Session 2: **Steps on Building Data Governance (Part I)**
            Data equity and inclusion

Session 3: **Steps on Building Data Governance (Part II)**

Day 2   Session 4: **Case sharing: ITU, South Korea and Singapore**

Session 5: **Baseline study of National Data Governance in Lao PDR**

Session 6: **Breakout Group Focus Discussions and Presentations**

Closing Session: next steps

Housekeeping

- Be timely

- Participate; everyone is expected to contribute

- Share your views/experiences

- Respect each speaker - everyone's input is equally valued

- Discussion and criticism to focus on issues, not people

- No idea is a bad idea; respect differences, different views
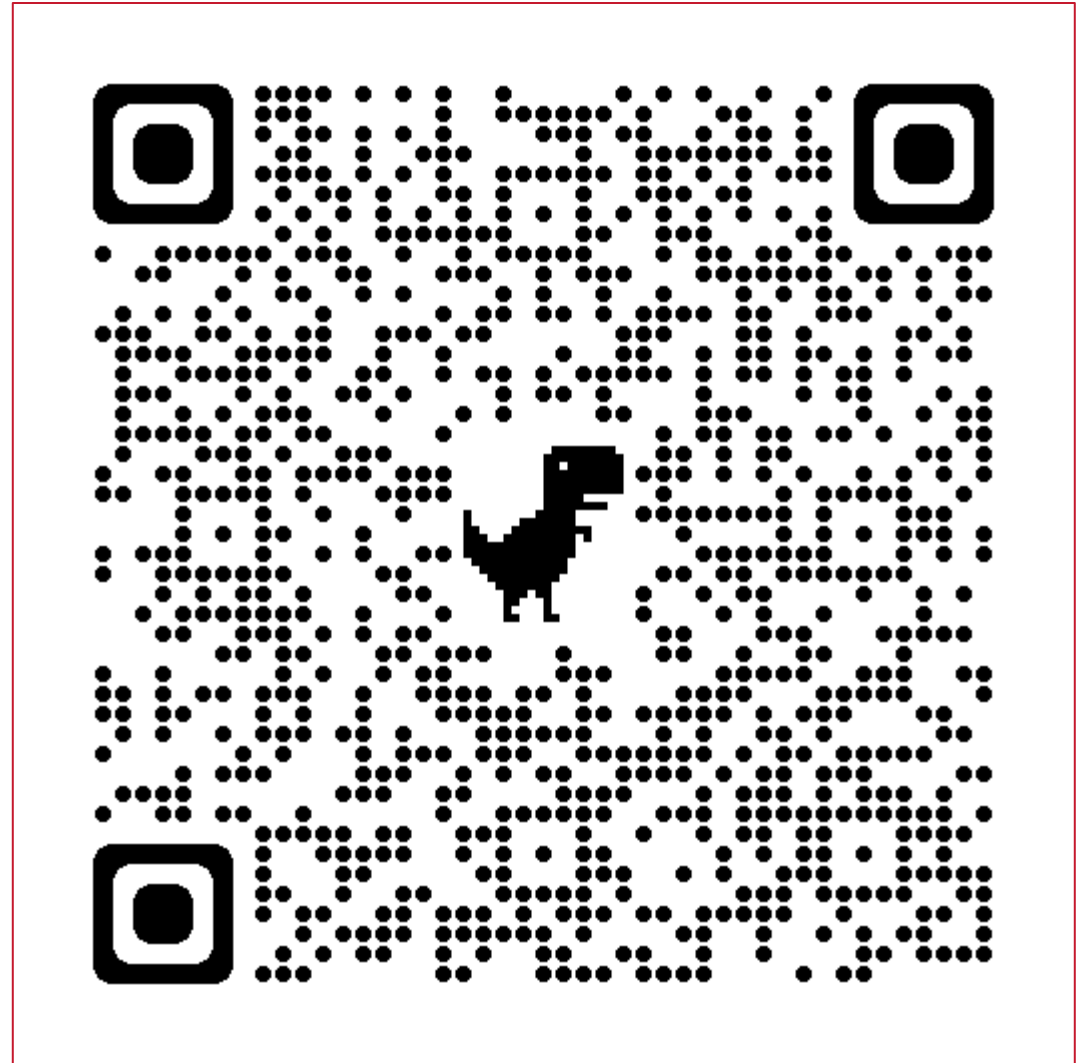
- Only one conversation at one time

Workshop link:
- bios of speakers
- presentations
- photos
- reports, etc.

https://publicadministration.un.org/en/news-and-events/calendar/ModuleID/1146/ItemID/3184/mctl/EventDetails:

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Certificate of Attendance

This is to certify that

Ms. Kittisack PASOMSOUK

has participated in and completed the Capacity Development and Consultation Workshop on

National Data Governance Framework

on 10-11 May 2023

United Nations

Department of
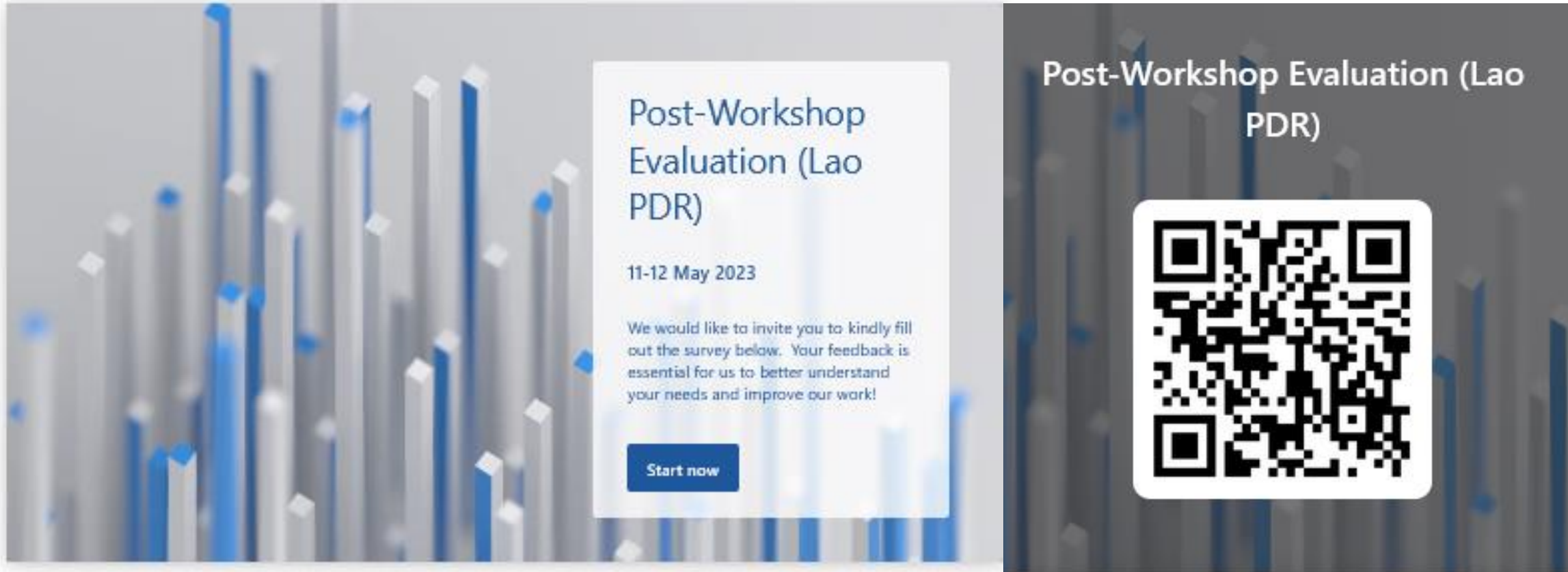Economic and
Social Affairs

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谢谢

Thank You

Merci

Спасибо

Gracias

Workshop Evaluation Survey

The new face of inequality is digital, and data is the social equalizer.

- UN E-Government Survey