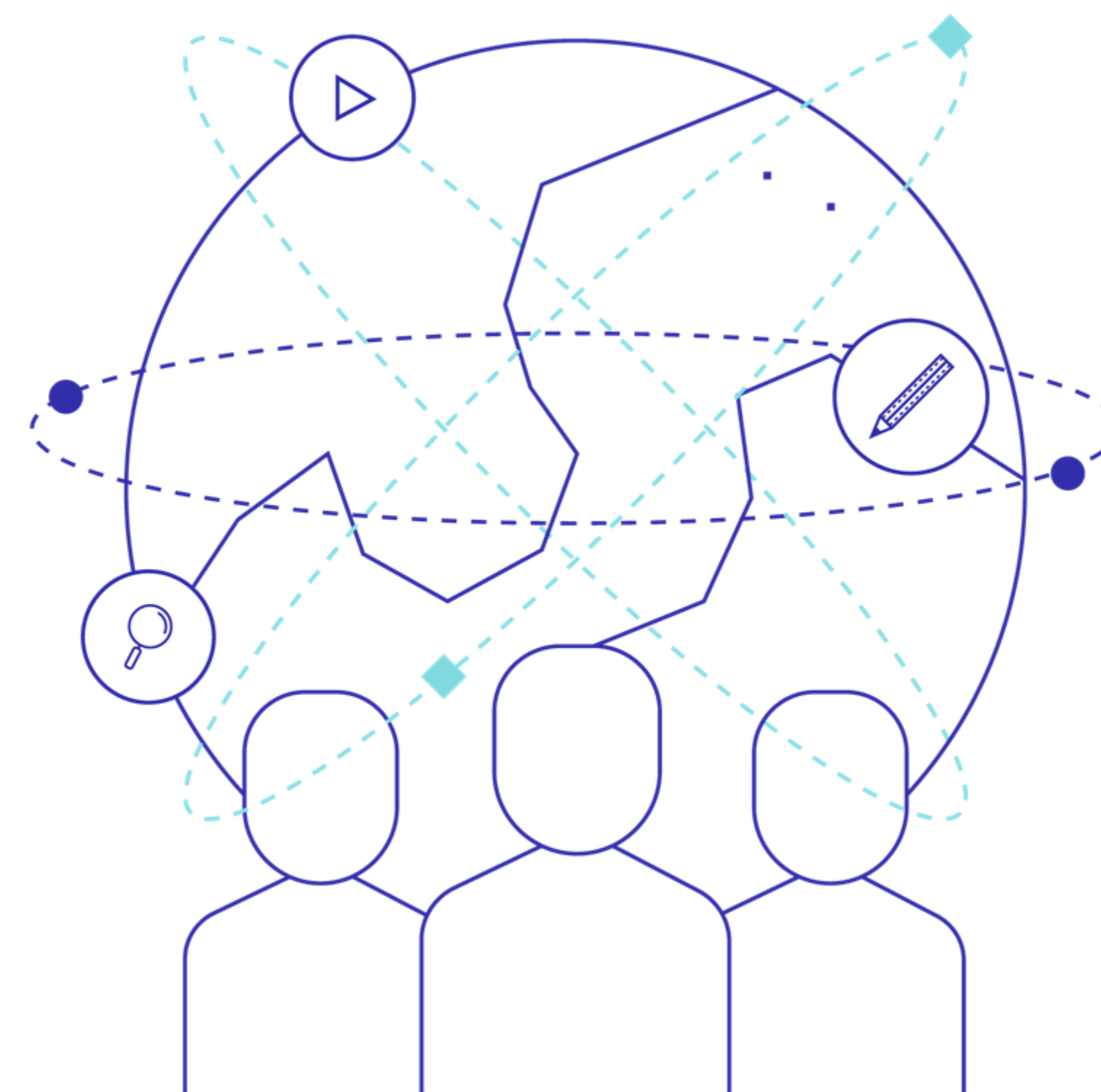





THE DPGA AND THE 50-IN-5 CAMPAIGN


ID4AFRICA 2025, T3-P1: DIGITAL PUBLIC GOODS IN USE

Bolaji Ayodeji,
DPG Evangelist & Technical Coordinator,
Digital Public Goods Alliance





"If we create solutions we like that never reach the people who need them most, who are we really serving? Are we building for impact or for ourselves? At a time when digital identity can shape access to rights and services, how do we ensure we're solving real problems and making the world a better place?"



This multisegmented track will showcase the transformative potential of Digital Public Goods (DPGs) through real-world use cases by pairing the developers of these solutions with country representatives actively deploying them. Together, we will explore how DPGs are fostering efficient development globally and addressing critical challenges in areas such as cash transfers for farmers, disaster relief, unique social protection registers and programs, and health



ID4AFRICA2025

20-23 MAY 2025 | ADDIS ABABA

T3-P1 | DIGITAL PUBLIC GOODS IN USE

S1 The DPGA & the 50-in-5 Initiative



MODERATOR & SPEAKER

Bolaji AYODEJI
DPG Evangelist & Technical
Coordinator, Digital Public
Goods Alliance (DPGA)



S2 OPENG2P



Puneet JOSHI
CTO
OpenG2P



Girum KETEMA
Director, Digital Agriculture & Finance
Program, Ethiopian Agricultural
Transformation Institute
ETHIOPIA



S3 MOSIP



Nagarajan SANTHANAM
Chief Dissemination Officer
MOSIP & OpenG2P



S4 OPENIMIS



Dr. Omar EL ALAMI
Project Director, National Population
Register, DSIT, Ministry of Interior; &
ID4Africa Ambassador
MOROCCO



Saurav BHATTARAI
Team Lead
openIMIS, Global Alliances
for Social Protection
GIZ



Emmanuel BATOUM
Head
IT Department, Ministry
of Public Health
CAMEROON



S5 DIGIT



Dr. Baltazar CANDRINHO
Director
National Malaria Control Program
MOZAMBIQUE



Nita TYAGI
Director
Growth & Partnerships
Equidhi



S6 OPENSPP



Jeremi JOSLIN
Executive Director
OpenSPP



Janaki AMARATUNGE
Additional Secretary
Development (Fertilizer Division)
SRI LANKA





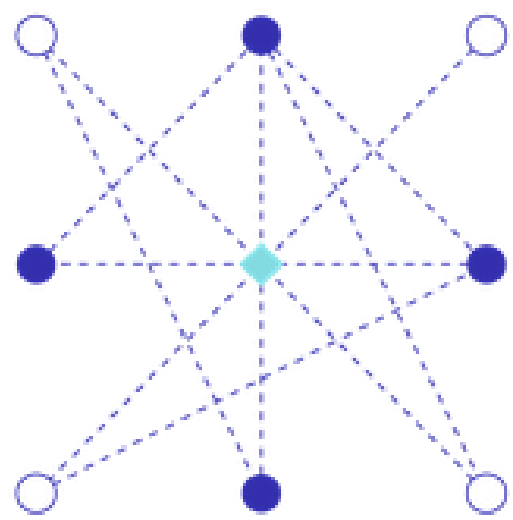
Digital Public Goods Alliance

A multi-stakeholder initiative that accelerates the attainment of the SDGs through digital public goods

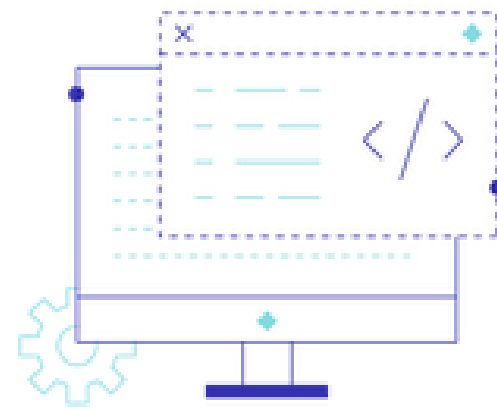
Digital technologies:
electronic tools,
systems, devices and
resources that
generate, store or
process data.

Digital Public Goods

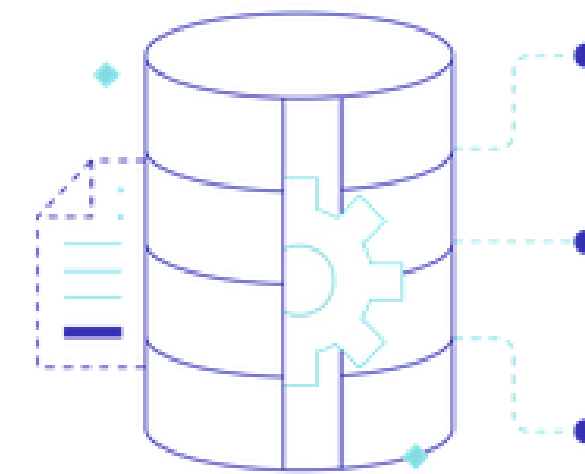
Public Goods: a commodity or service that is provided without profit to all members of a society, either by the government or a private individual or organisation which is to the benefit or well-being of the public.



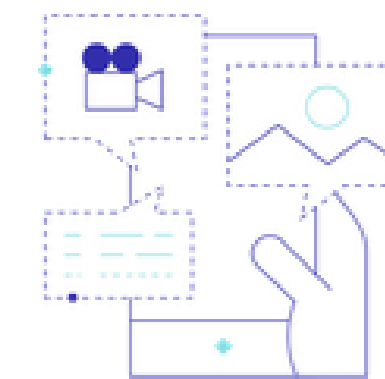
Open AI Systems



Open-Source
Software



Open Data



Open Content
Collections

DPG Definition & The Standard

“We must undertake a concerted global effort to encourage and invest in the creation of digital public goods: **open source** software, open data, open AI models, open standards and open content. These digital public goods should adhere to **privacy and other applicable laws** and best practices, **do no harm**, and **help attain the SDGs.**”



*UNITED NATIONS SECRETARY-GENERAL
ANTÓNIO GUTERRES*

- ✓ Advance the SDGs
- ✓ Open Source
- ✓ Do No Harm

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



SUSTAINABLE DEVELOPMENT GOALS



Open Civil Registration and Vital Statistics

OpenCRVS



 Software

 DPG Verified DPG

 Digital Registries

OWNER

opencrvs.org

TYPE

Web

LICENCE

MPL-2.0

LAST EVALUATED

15.03.2023

ORIGIN COUNTRY

United Kingdom

CONTACT

team@opencrvs.org

RELEASE DATE

14.03.2019

Description

OpenCRVS is a user-friendly, open-source platform designed to make civil registration accessible and effective for everyone. It supports the complete process of registering vital events, such as births and deaths, while ensuring offline functionality for remote areas, robust data security, and adherence to global CRVS standards. Tailored for low- and middle-income countries, OpenCRVS is user-centric, inclusive, and enables governments to provide legal identity for all, improve access to essential services, and generate vital statistics for policy-making.

Access

 Website

 Source code

MOSIP

Modular Open Source Identity Platform



 Software  DPG Verified DPG  Digital ID

OWNER

International Institute of Information Technology Bangalore

TYPE

Backend, Web

LICENCE

MPL-2.0

LAST EVALUATED

12.01.2024

ORIGIN COUNTRY

India

CONTACT

arun@mosip.io

RELEASE DATE

-

Description

The Modular Open Source Identity Platform (MOSIP) helps Governments and other user organizations implement a digital, foundational identity system in a cost effective way.

Access

 [Website](#)

 [Source code](#)

The Digital Public Goods Standard

- ✓ Advance the SDGs
- ✓ Open Source
- ✓ Do No Harm


1. Relevance to Sustainable Development Goals
2. Use of Approved Open Licenses
3. Clear Ownership
4. Platform Independence
5. Documentation
6. Mechanism for Extracting Data
7. Adherence to Privacy and Applicable Laws
8. Adherence to Standards & Best Practices
9. Do No Harm

DPG Registry

Home > DPG Registry

DPG Registry

All DPGs have been reviewed to ensure they meet the requirements of the DPG Standard. DPG status is valid for a period of one year from its approval, after which they must be reassessed to ensure they remain compliant with the DPG Standard.




[The DPG Standard](#) [Joining the Registry](#) [Integrate with Registry](#)



Search for DPGs


DPG Category [Origin Country](#) [Sustainable Development Goals](#) [See Collections](#)

DPG Name Description SDGs Activity trend


 **Aam Digital**
Germany
Software

Easy-to-use case management software for the social sector that improves the effectiveness and transparency of work with beneficiaries. The offline-first web app is tailored to be used by NGOs anywhere in the world.

 **Accessible Kazakhstan**
Kazakhstan
Software

It is a model of an online map with information on accessibility of public facilities that enables people with limited mobility to navigate the public space.

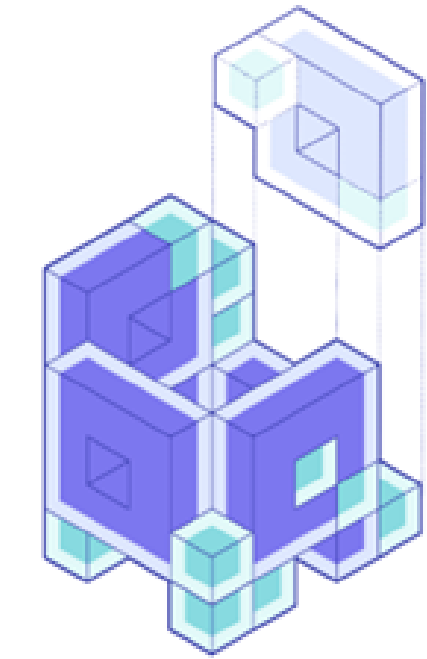


Data from the DPG Registry is listed on other catalogs and marketplaces



DPGs for DPI

Digital public infrastructure (DPI) — which refers to a secure and interoperable network of components that include digital payments, ID, data exchange, and other foundational systems—is essential for participation in markets and society in a digital era. DPI is needed for all countries to build resilient and innovative economies and for people’s well-being. DPI can be built by adopting and adapting **digital public goods** (DPGs). This collection features DPGs that are being implemented by countries as part of their DPI and reviewed by the DPGA Secretariat’s technical team as part of the solutions being recognized as a digital public good. It is limited to solutions that are relevant to the four DPI use cases listed above. This collection will continue to grow as more solutions become DPGs.



DPG Types ▾

Digital Public Goods

Software →

DIGIT

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 11 SUSTAINABLE CITIES AND COMMUNITIES 17 PARTNERSHIPS FOR THE GOALS

Digital Registries

Software →

OpenCRVS

16 PEACE, JUSTICE AND STRONG INSTITUTIONS 17 PARTNERSHIPS FOR THE GOALS

Digital Registries

Software →

OpenSPP

1 NO POVERTY 2 ZERO HUNGER 3 GOOD HEALTH AND WELL-BEING 4 QUALITY EDUCATION +

Digital Registries

Software →

Software →

Software →

Digital Public Goods Alliance

A multi-stakeholder initiative to accelerate attainment of the sustainable development goals by facilitating the **discovery, development, use of** and **investment in digital public goods.**



Ministry of Electronics and Information Technology
Government of India



UNITED NATIONS
OFFICE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY



ON
OMIDYAR NETWORK



REPUBLIC OF ESTONIA
MINISTRY OF FOREIGN AFFAIRS



RÉPUBLIQUE TOGOLAISE
Ministère de l'Économie Numérique et de la Transformation Digitale



Republic of Rwanda
Ministry of ICT and Innovation



MINISTRY OF ICT & NATIONAL GUIDANCE
A Knowledge and Productive Society driven by ICT & National Ideology



United Nations
Office of the Secretary-General's
Envoy on Technology

Digital Public Goods Alliance

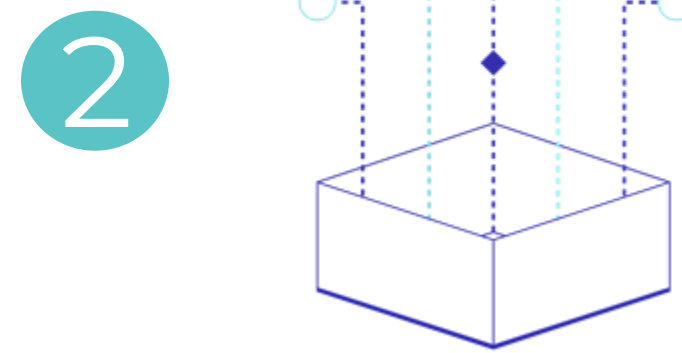
A multi-stakeholder initiative to accelerate attainment of the sustainable development goals by facilitating the **discovery, development, use of** and **investment in digital public goods**.

- **Government:** Germany, Sierra Leone, Norway, Bangladesh, Dominican Republic, Ethiopia, Guatemala, Cambodia, India, Malawi, Moldova, Estonia, Rwanda, Singapore, Sri Lanka, Uganda, Ukraine, and Uruguay.
- **Multilateral:** UNDP, UN Women, USAID, UNICEF, UN Office of Information and Communications Technology, UN Office for Digital and Emerging Technologies, International Telecommunication Union, Asian Development Bank, Digital Impact Alliance, Inter-American Development Bank, and Food and Agriculture Organization.
- **Private Sector:** GitHub and Thoughtworks.
- **NGO/CSO:** Bill & Melinda Gates Foundation, eGov Foundation, EkStep Foundation, Institute for Technology and Society, Foundation for Public Code, Omidyar Network, OpenForum Europe, Open Future; Open Knowledge Foundation; the Open Source Initiative; Digital Square at PATH; Public Digital, and Creative Commons.

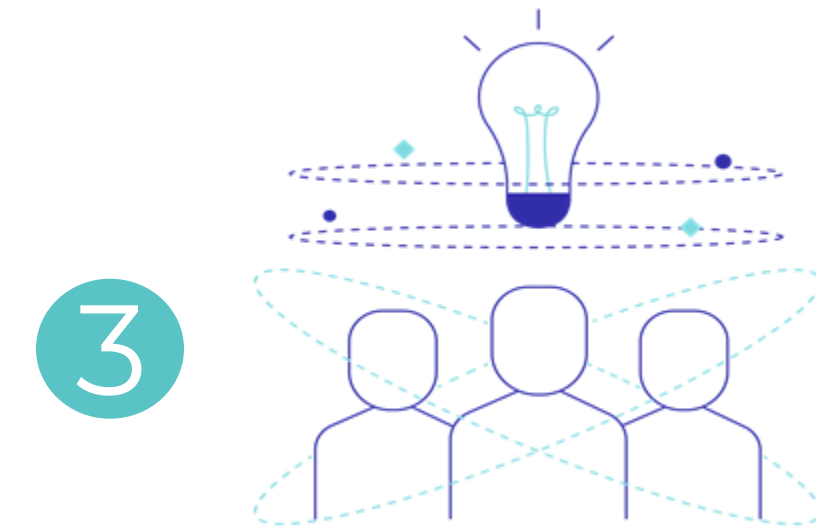
Why the DPGA exists



Increase development & discoverability of reusable DPGs.



Coordinate & align the DPG ecosystem to learn, share and connect.



Convene & amplify to sustainably fund and promote DPGs on the global stage.

DPGA Strategic Objectives

1

DPGs are discoverable, sustainably managed, & accessible for government institutions & other relevant implementing organisations.

2

UN-institutions, and other public & private institutions have the knowledge & capacity to promote & support DPG adoption.

3

Government institutions have the information, motivation, & capacity to implement DPGs that address country needs.

4

Countries have public sector capacity & vibrant commercial ecosystems in place to create, maintain, implement, & incubate DPGs locally.

DPGA Roadmap

Represents a commitment to advancing a shared vision.

- Advocacy
- Technical
- Training & Development
- Financial

The screenshot displays the 'Explore Our Members' page on the DPGA Roadmap website. At the top, there is a breadcrumb trail 'Home > Explore Our Members' and a navigation icon. The main heading is 'Explore our members' roadmap activities', accompanied by a calendar icon and the number '45 Total members'. Below the heading is a welcome message: 'Welcome to the Digital Public Goods Alliance Roadmap—a tool showcasing how member organizations and countries are advancing the discovery, development, use of, and investment in, digital public goods while contributing to the DPGA's strategic objectives. Click on the roadmap below to see how DPGA members are driving these efforts.' A search bar labeled 'Search for Activities' is positioned above two filter buttons: 'Member Type' and 'Activity Type'. A 'See Collections' link is located to the right of the filters. The main content area features a list of five member cards, each with a logo, name, and navigation arrow. The cards are: 1. Asian Development Bank (Total Activities: 5, Member type: Multilateral, Member since: 13.11.2024); 2. Government of Bangladesh (Total Activities: 3, Member type: Government, Member since: 08.09.2022); 3. German Federal Ministry for Economic Cooperation and Development (Total Activities: 8, Member type: Government, Member since: 01.09.2021); 4. Creative Commons (Total Activities: 3, Member type: NGO/CSO, Member since: 04.03.2024); 5. data.org (Pending Activities, Member type: NGO/CSO, Member since: 13.03.2022).



50 in 5

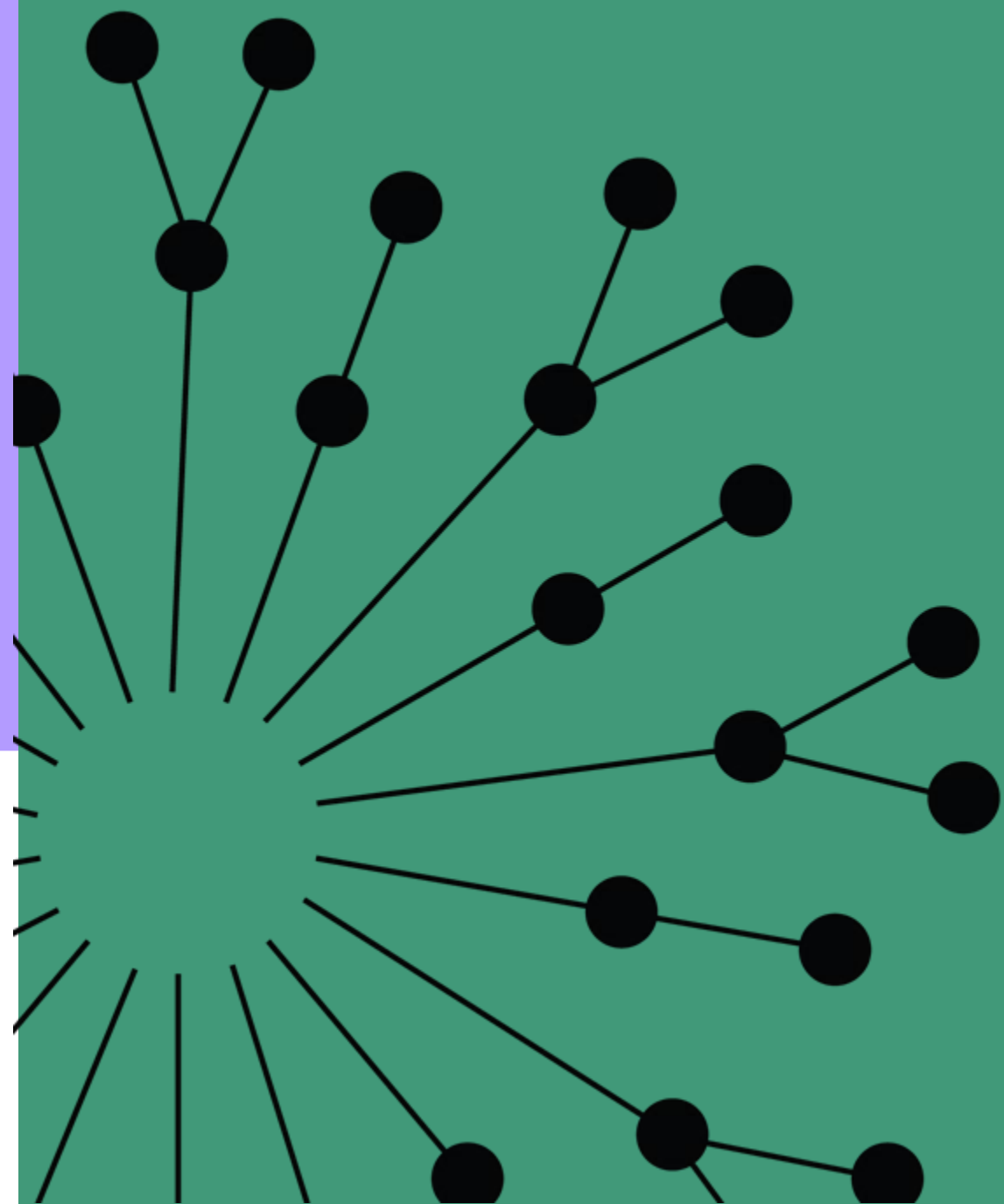
Implementing safe, secure, and interoperable digital
public infrastructure

50-in-5 Campaign

50-in-5 is a global campaign that brings countries together to help radically shorten and improve implementation journeys by sharing learnings, best practices, and technologies that can ultimately reduce costs and maximise impact.



50in5

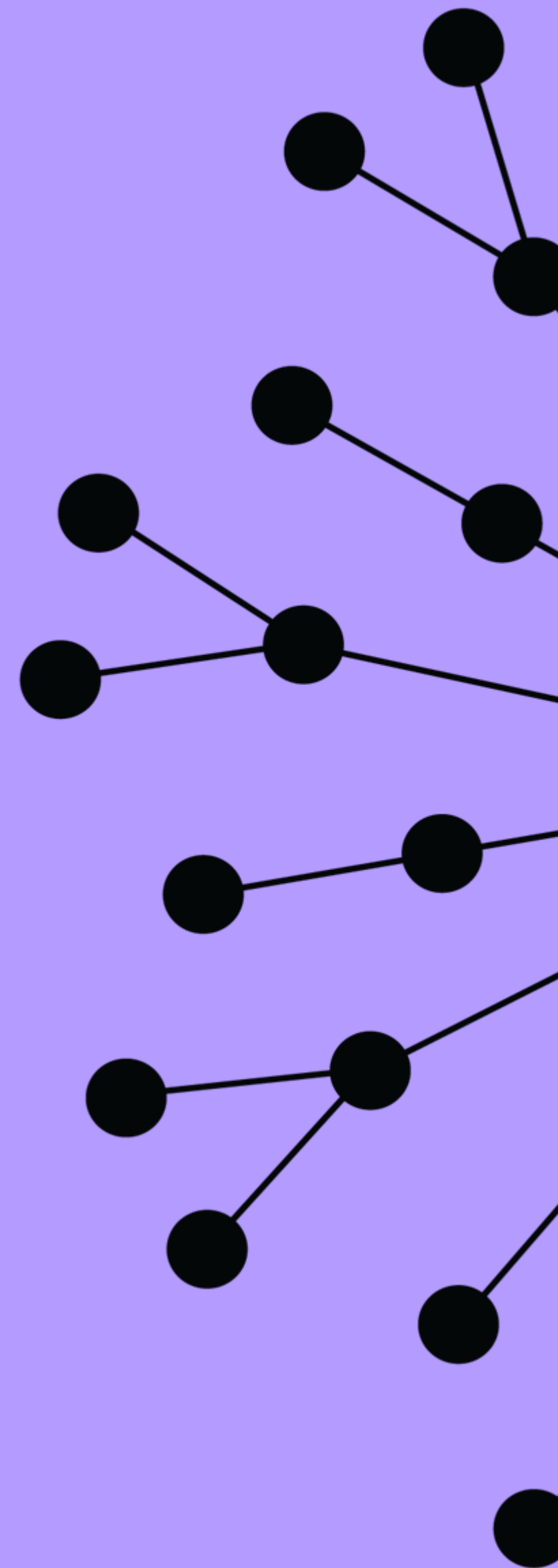


Implementing safe, inclusive, and interoperable digital public infrastructure

The ultimate goal of 50-in-5 is for 50 countries to have designed, implemented, and scaled at least one component of their digital public infrastructure in a safe, inclusive and interoperable manner in five years—by the end of 2028, which we at the DPGA believe is often done best by utilizing digital public goods.

The Goal of 50-in-5

1. Demonstrating the potential and momentum for DPI through showing various approaches to DPI, their progress, and outcomes in countries across different income levels and digital maturity statuses.
2. Shortening the DPI learning and adoption journey for countries through facilitating learnings and best practice-exchanges, use of open standards and specifications, adoption – and sharing of – technologies as digital public goods, and evolution of local engineering capacity and vendor ecosystems.



First-Mover Countries

In 2023, 50-in-5 was formally launched with 11 First-Mover countries coming together to commit to sharing learnings, best practices, and technologies that can ultimately reduce costs, build local capacity, maximize impact, and help radically shorten the implementation journeys for DPI.



Bangladesh

Estonia

Ethiopia

Guatemala

Moldova

Norway

Senegal

Sierra Leone

Singapore

Sri Lanka

Togo



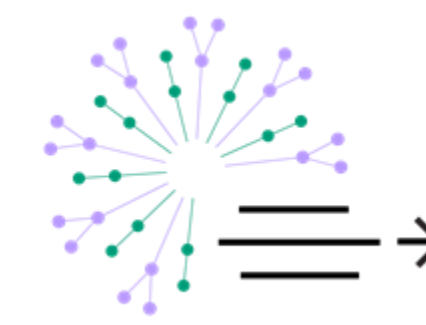
Global Cooperation for Impact

Countries, regardless of income level, geography, or where they are in their digital transformation journey, can benefit from being part of 50-in-5. By joining, no country will have to tackle DPI implementation alone or start from scratch and all will benefit from one another.

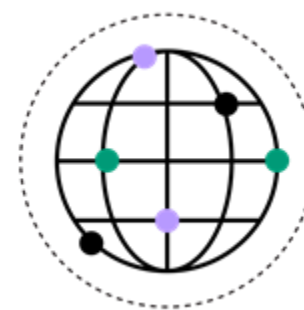
By joining the campaign countries commit to:



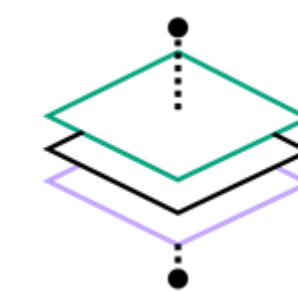
Work towards building or evolving at least one component of their DPI by 2028.



Explore adopting or sharing relevant technologies as digital public goods.



Share learnings and best practices with others.



Advocate for safe, secure and interoperable DPI.

MALAWI



JOINED 50-IN-5
APRIL 2024



Malawi is committed to building a digital future that leaves no one behind. We must continue to address the challenges head-on while seizing the vast opportunities that digital transformation presents. With the continued support of the international community, strengthened multilateralism, and bold national strategies, we are confident that a future of digital inclusion, innovation, and progress is within reach for all.

—
Dr. Lazarus Chakwera
President of Malawi

CURRENT DPI FOCUS

DIGITAL IDENTITY

MAINTAINING

Malawi's National Registration System is helping to ensure that everyone nationwide has a legal identity, including free birth registrations.

DATA EXCHANGE SYSTEMS

PILOTING

BOMALATU

An enterprise service bus that is being piloted to serve as a data exchange platform.

DIGITAL PAYMENTS

IMPLEMENTING

NATSWITCH

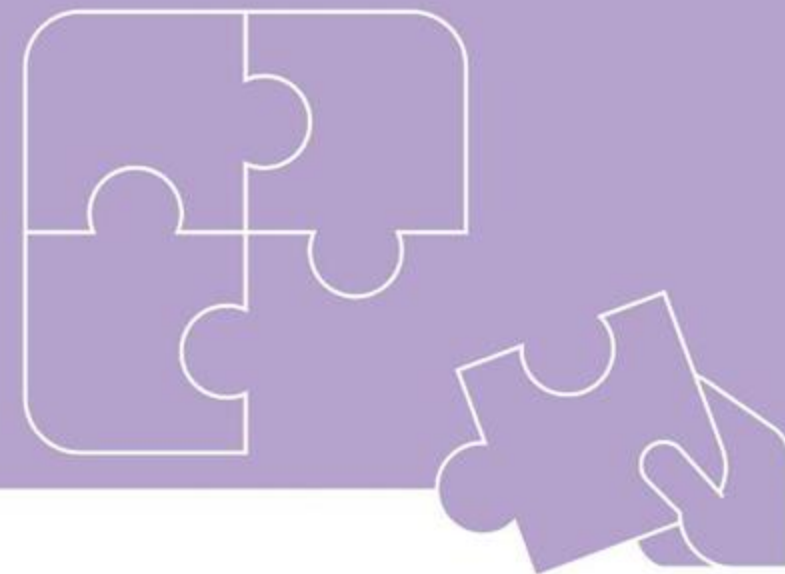
Helping to improve the integration of digital payments throughout the financial sector.

SOCIAL CASH TRANSFER PROGRAM (E-PAYMENT)

Uses digital payment systems to deliver cash transfers to vulnerable and low-income households. By streamlining the distribution of funds through mobile wallets, the initiative ensures that social benefits reach the intended beneficiaries quickly and efficiently, reducing leakage and fraud.

KEY NUMBERS

- 12 million Malawians have a digital ID, covering 98% of the population.
- USD \$43 million saved from on service delivery because of digital ID.
- Digital payments transaction value expected to reach USD \$3520 million in 2024 with an annual growth rate of 18.20%.



COUNTRY COOPERATION

Collaborating with South Africa, Rwanda, Kenya, Zambia and India on DPI.

PRIORITY USE CASES

Digital Financial Inclusion Project, which focuses on extending financial services to underserved populations, particularly women and rural communities. By leveraging mobile banking platforms and digital payments, the initiative aims to increase access to banking services, promote financial literacy, and reduce reliance on cash-based transactions.

Malawi's National Digital ID system, enables access to government services such as social welfare, healthcare, and education, ensuring that marginalized communities, including children, can participate in national programs and receive essential services.

ZAMBIA



JOINED 50-IN-5
JUNE 2024



Zambia's participation in 50-in-5 reflects our dedication to leapfrogging our digital transformation journey and ensuring that all Zambians benefit from modernization. It underscores our commitment to transforming our digital landscape and providing modern, efficient, and accessible public services to all citizens. This aligns with Zambia's aspiration of becoming a prosperous middle-income nation as outlined in Vision 2030. A connected Zambia is a smart Zambia.

—
Percy Chinyama
National Coordinator,
SMART Zambia

CURRENT DPI FOCUS

DIGITAL IDENTITY

PILOTING AND IMPLEMENTING

With eKYC, the government is using data from a trusted federated database to offer online identity services. This service has various uses across multiple sectors. For example, in the agriculture sector it is being used to select eligible farmers participating in the government's Farmers Input Support Programme. In the health sector, integrating eKYC with the Electronic Health Records (EHR) system, Smart Care Pro, means over 9 million patients will access health care service.

DIGITAL PAYMENTS

IMPLEMENTING AND
MAINTAINING

Zambia is improving its social services delivery system through DPI by enabling efficient government-to-person (G2P) payments and minimizing leakage through accurate beneficiary identification. This ensures that beneficiaries receive their entitlements promptly, reducing delays and providing financial stability for vulnerable populations.

DATA EXCHANGE SYSTEMS

IMPLEMENTING

ZamConnect is being used to facilitate the exchange of data throughout various national data registers, allowing different governmental agencies to communicate and exchange data efficiently and securely while improving government service delivery.

DIGITAL PUBLIC GOODS SPOTLIGHT

The Government of Zambia is already leveraging multiple DPGs, while exploring the potential use of others for DPI. For instance:

MOSIP

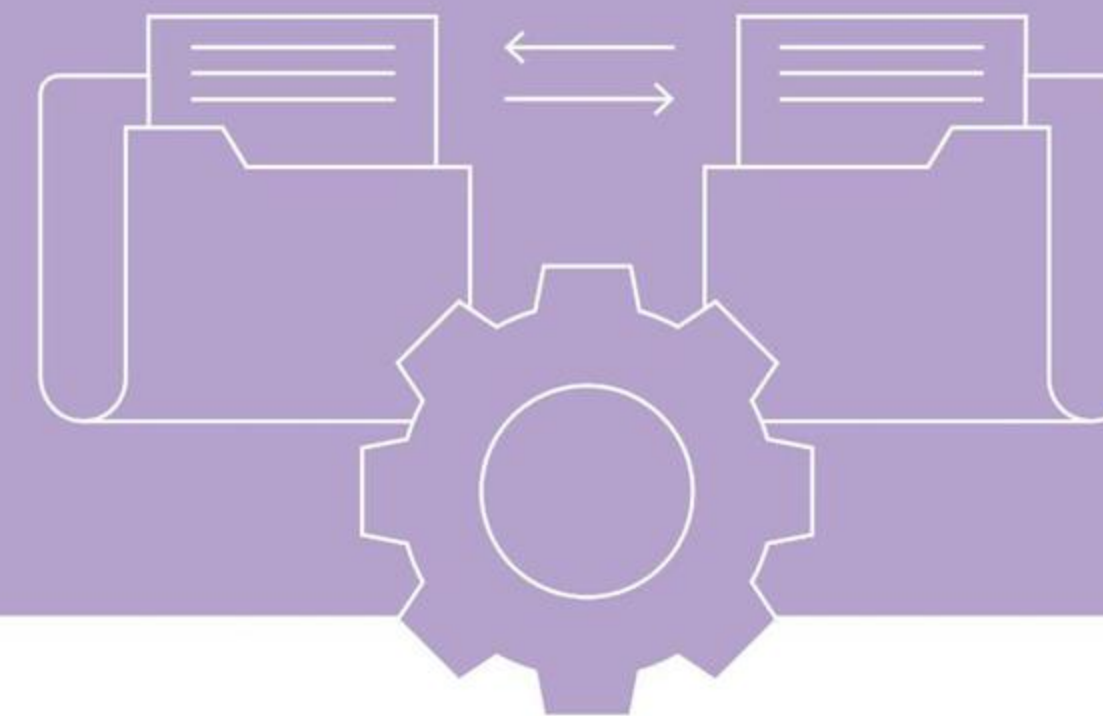
Utilized for e-Signet and eKYC to streamline electronic identity verification and digital signatures.

OPENG2P

Implemented for managing social benefits, ensuring efficient and accurate distribution.

MOJALOOP

Being explored for person-to-government (P2G) and government-to-person (G2P) payments to facilitate seamless financial transactions.







Thank you!

@DPGAlliance