DPI for People and Planet
Innovation Challenge

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Participant Application Guide

FOUNDING PARTNERS

IN PARTNERSHIP WITH

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Version Control

Version	Author	Date	Changes
1.0	DPI4PP	8/06/2025	First Draft
1.1	DPI4PP	18/06/2025	Changes in Acknowledgements and Application form

Contents

Executive Summary

1. What is this challenge?

The **DPI for People and Planet Innovation Challenge** is the global challenge focused specifically on how Digital Public Infrastructure (DPI) can power inclusive, scalable, and impactful environmental solutions, especially for low-income and climate-vulnerable communities. This challenge invites innovators to develop solutions that leverage DPI to power progress for people and the planet.

What makes this challenge unique:

- **World-first innovation challenge** focused specifically on DPI for People and Planet
- Not a one-off competition, but **part of a broader journey** aimed at launching high-impact, scalable, and deployable solutions
- **Anchored by global DPI leaders**—including technical experts, governments, and development agencies—and is **in partnership with the COP30 Presidency**

2. Challenge objectives

- **Generate project concepts** that showcase how a DPI approach can be used by governments and/or scaled the private sector to benefit people and the planet
- **Create momentum** around the "People and Planet × DPI" agenda to spark global interest and engagement of using DPI to accelerate environmental action
- **Start building a community** of practice to accelerate actions in "DPI x People and Planet" through participants and mentors

3. Who should apply

- Open to **any legally registered organizations**, including research institutions, startups, social enterprises, established companies, and non-profit organizations
- Open to **both new ideas and existing solutions** that can be enhanced using DPI
- Welcome solutions addressing **any People and Planet-related challenges**, including but not limited to energy, transport, forest & biodiversity, agriculture, disaster resilience, water, public health, and cross-cutting topics.

- Applicants are encouraged from **all regions of the world**, with a preference for solutions targeting the Global South

4. What is in this challenge for you?

- **Group and 1:1 mentorship** from industry experts on DPI, climate, business strategy
- **Global visibility and networking** at COP30 and with DPI and environmental leaders
- **Up to $100,000** in monetary grants to finalists
- **Potential post-challenge support** for PoC implementation and scaling opportunities

5. What is DPI?

DPI refers to foundational digital systems that forms the backbone of modern societies. DPI enables secure and seamless interactions between people, businesses, and governments. From verifying identities and ensuring fast and reliable digital payments to enabling safe and efficient data exchange across government services — DPI can make everyday life more connected and inclusive.

6. Examples of potential solutions leveraging DPI:

DPI can accelerate climate and environmental progress at scale. Examples include:

- Real-time energy demand forecasting and automated coordination using a unified digital grid platform
- Green mobility incentives by tracking transport data and identifying eco-friendly transport options across multiple transport modes
- Farmer registries to recognize and reward climate-smart agriculture practices
- Forest health monitoring via a unified platform that aggregates remote sensing data, satellite images, and other inputs
- Anticipatory disaster aid transfers using digital identity and payment systems
- Carbon credit tracking enabled by harmonized, cross-registry carbon credit metadata

7. Challenge process

Stage	Timeline	Description
Registration& Application	Jun 9 – Jul 11	Submit an online form, outlining their solution concept. Top 30–50 selected.
Round 1	Aug	Group mentorship to refine solution design. Top 10 selected.
Round 2	Sep - Oct	Tailored mentorship to build prototypes. Top 5 selected in early October. 5 winners continue refining their solutions and preparing for the COP30 pitch through tailored mentorship
COP30	Nov	Final pitch by Top 5 winners

8. Selection criteria (Application phase)

Submissions in the application phase will be evaluated based on the following:

- Problem statement
  - Does the submission clearly define the climate / environmental / planetary challenge it aims to solve?
- Solution overview
  - Does the submission provide a high-level technical approach that effectively leverages relevant DPIs to address the identified problems?
  - Has the idea already been tested or validated in a real or simulated world?
- Functionality & Applicability
  - Are the key functionalities clearly defined and directly linked to addressing the identified problem with concrete and actionable features? Are the intended users clearly identified?
- Feasibility
  - Is the solution feasible to deploy in the real world?
- Team information
  - Does the team have the necessary and diversified skills, and a related track record required to execute the project?
  - Is the applicant a legally registered organization?
  - Does the organization have access to existing funding to be leveraged for the solution and at what stage?

1 Introduction

The **DPI for People and Planet Innovation Challenge** is a pioneering initiative that brings together the worlds of Digital Public Infrastructure (DPI) and environmental actions to power progress for people and the planet, particularly those who are most vulnerable to the planetary environmental crisis. As the urgency of the environmental crisis grows and the potential of DPI becomes increasingly evident, this challenge seeks to unlock the power of DPI to deliver inclusive, scalable, and impactful climate solutions that directly benefit low-income communities and climate-vulnerable populations.

Hosted in the lead-up to **COP30 in November 2025**, this global challenge invites innovators from around the world—especially from the Global South—to design, prototype, and present transformative solutions that leverage DPI to address pressing planetary environmental challenges. Through a structured application process, solution design, and prototyping, selected innovators will gain visibility, access to funding, expert guidance, and the opportunity to present their work at one of the world's most influential climate platforms to an audience of influencers and funders.

This guide provides technical and procedural information for potential applicants, including background context, challenge objectives/overview, DPI/Digital Public Goods (DPG) guidance, indicative problem statements, challenge process and selection criteria. We look forward to your ideas and your leadership in shaping a more resilient, inclusive, and digitally empowered future for people and the planet.

2 Context

2.1 DPI landscape

Digital Public Infrastructure (DPI) refers to a set of foundational digital systems that forms the backbone of modern societies by combining interoperable technology, robust governance frameworks and free and fair private market competition. DPI enables secure and seamless interactions between people, businesses, and governments. From verifying identities and ensuring fast and reliable digital payments to enabling safe and efficient data exchange across government services — DPI can make everyday life more connected and inclusive.[1]

Today, many countries are adopting DPI to create interoperable, scalable, and secure systems that serve citizens equitably, enable innovation, and foster collaboration across sectors.

For example,

- Brazil's Pix, an instant digital payment system, represents the Payment pillar of DPI. It has revolutionized digital transactions by reducing transaction costs and promoting financial inclusion across the country[2]
- India's Aadhaar, a biometric digital identity system, exemplifies the Identity & Registries pillar of DPI. It has allowed citizens to verify their identities across systems and enabled seamless access to government and private services[3]
- Estonia's X-Road, a data sharing platform, demonstrates the Data Sharing & Credentials pillar. It facilitates secure and interoperable data exchange across public and private entities, enabling organizations to generate greater value from their data assets[4]

As global challenges continue to evolve, the potential applications of DPI are rapidly expanding. DPI is increasingly seen as a strategic foundation for inclusive, resilient, and citizen-centric development across sectors, particularly for low-income and vulnerable groups who stand to gain the most from accessible and reliable public digital systems.

[1] UNDP, Digital public infrastructure | United Nations Development Programme
[2] Center for Strategic and International Studies, Approaches to Digital Public Infrastructure in the Global South
[3] Same as above
[4] X-Road, X-Road®

2.2 People and Planet landscape

The environmental crisis is one of the most urgent and complex planetary challenges, affecting people, economies, and ecosystems in every region. According to the Intergovernmental Panel on Climate Change (IPCC), global greenhouse gas emissions must be reduced by 43% by 2030 (relative to 2019 levels) to limit warming to 1.5°C, and net-zero emissions must be reached around 2050. Failure to act decisively could push the planet past critical tipping points, leading to irreversible consequences[5].

Climate change can cause significant disruptions across multiple sectors — including energy insecurity due to more frequent heat extremes, infrastructure degradation, biodiversity loss from ecosystem shifts, declining agricultural productivity, water scarcity, and increased incidence of infectious diseases These impacts intensify existing inequalities and generate new and compounding risks, especially for low-income and vulnerable populations, who often have the fewest resources to adopt or recover.

Addressing this crisis over the coming century will require concerted engagement globally, with strategic emphasis on three critical dimensions: adaptation — supporting human populations and ecosystems in coping with the impacts of climate change; mitigation — reducing greenhouse gas emissions to limit future warming; and addressing cross-cutting challenges, particularly those related to transparency, accountability, and equitable access to climate finance[6].

2.3 DPI for People and Planet landscape

DPI offers a unique opportunity to accelerate progress for people and planet at scale by making digital tools widely available, generating actionable insights from real-time data, and improving transparency and accountability across environmental initiatives. DPI can empower stakeholders at all levels, including underserved and climate-vulnerable communities, to participate in and benefit from climate actions. For example, real-time data sharing to match electricity supply and demand, direct payment transfers to climate-affected communities, or tamper proof registry-based carbon credit tracking systems.

Initial progress has already been made toward operating this agenda. For instance, the Japan International Cooperation Agency (JICA) and Boston Consulting Group (BCG) have jointly identified fifteen potential use cases where DPI can support climate action. Meanwhile, Co-Develop has conducted stakeholder convenings to raise awareness about the potential of DPI in addressing climate change. India has also emerged as an early mover, launching the Forest Stack — a DPI-based digital infrastructure designed to enable transparent, data-driven forest governance. It facilitates the integration of geospatial data, forest records, carbon registries, and biodiversity information into interoperable digital layers, allowing for better monitoring, protection, and sustainable use of forest resources[7].

However, the adoption of DPI to people and planet remains limited due to several challenges: The concept of “DPI for People and Planet” is difficult for many stakeholders to grasp, some governments perceive DPI as not yet mature, and innovators often lack access to DPI and face uncertainty regarding the scale of opportunity.

[5] IPCC AR6 Synthesis Report: Climate Change 2023
[6] Co-Develop, Addressing Climate Change with Digital Public Infrastructure — Co-Develop
[7] JICA and BCG, jica-forest-stack-paper-vf.pdf

3 Challenge Objectives and Overview (including targets and eligibility)

3.1 Challenge objectives

- This innovation challenge has been launched with the primary goal of **generating project concepts that showcase how a Digital Public Infrastructure (DPI) approach can be used** by governments and/or scaled by the private sector to benefit people and the planet.
- It is also expected to **create momentum** around the "People and Planet x DPI" agenda to spark global interest and engagement of using DPI to accelerate environmental action.
- The Challenge will also **start building a community of practice** to accelerate actions in "People and Planet x DPI" through participants and mentors such as:
  - Innovators (startups, researchers, and tech practitioners)
  - Civil society organizations
  - Funders (venture capitals, impact investors, philanthropies, development finance institutions)
  - Governments, especially in Global South
  - Hyper-scalers and infrastructure providers

3.2 Challenge overview (including targets and eligibility)

This challenge invites participants to develop solutions that leverage DPI. Through an application + 2-round process, innovators will design and prototype their solutions, culminating in a final showcase at COP30 in November 2025.

The challenge is open to any legally registered organizations—including research institutions, startups, social enterprises, established companies, and non-profit organizations—and welcomes both new ideas and existing solutions that can be enhanced through the integration of DPI. Applications are encouraged from all regions of the world, with a preference for solutions targeting Global South. We welcome solutions addressing any People and Planet-related challenges, including but not limited to energy, transport, forest & biodiversity, agriculture, disaster resilience, water, public health, and cross-cutting topics.

This challenge is unique in three ways:

- It is the **world-first innovation challenge** focused specifically on the **intersection of people, planet, and DPI.**
- It is not a one-off competition, but **part of a broader journey** aimed at launching high-impact, scalable and deployable solutions.
- It is **anchored by global DPI leaders**—including technical experts, governments, and development agencies—and is **in partnership with the COP30 Presidency**.

3.3 Stakeholders

This challenge has been launched and is supported by key ecosystem players in DPI and environmental action – Japan International Cooperation Agency (JICA), Co-Develop, the Gates Foundation, the Centre for Digital Public Infrastructure (CDPI), and Boston Consulting Group (BCG), and in partnership with the COP30 Presidency.

- JICA: Japan's governmental agency that delivers Official Development Assistance (ODA) to support sustainable development in the Global South. JICA is hosting this challenge as one of the founding partners.
- Co-Develop: A non-profit organization advancing open and inclusive digital public infrastructure to improve development outcomes globally. Co-Develop is also hosting this challenge as one of the founding partners.
- Gates Foundation: Guided by the belief that every life has equal value, the Gates Foundation works to help all people lead healthy, productive lives. Hosting this challenge as one of the founding partners.
- CDPI: A global team of DPI builders helping countries design and implement population-scale digital public infrastructure. CDPI operates as a centre under the International Institute of Information Technology, Bangalore, and serves as a technical expert and one of the founding partners for this challenge.
- BCG: A global management consulting firm that partners with leaders in business and society to tackle challenges and capture opportunities. BCG serves as the secretariat of this challenge.
- COP30 Presidency: The host leadership for COP30 advancing global climate action and innovation. The COP30 Presidency is in partnership with this challenge, recognizing its alignment with the objectives of COP30.

3.4 What is in this challenge for you?

This challenge presents a unique opportunity to test, refine, and showcase your solution at the forefront of the emerging DPI × People and Planet space. Participants will benefit from expert mentorship, global exposure, monetary grants, and the chance to pilot their solutions in real-world contexts.

- Mentorship support: Gain guidance from industry experts to deepen your understanding of the nexus between DPI/DPG, and environmental action, and tailored mentorship to sharpen the technical, strategic, and impact dimensions of your solution.

- Global visibility and networking with DPI and environmental leaders: Selected finalists will have the opportunity to pitch and showcase their solutions at COP30, engaging directly with global leaders in DPI and environmental action. Even if not selected as a finalist, participants will be welcomed into the broader People and Planet × DPI community built through this challenge.
- Monetary grants: Up to $100,000 in grant funding will be awarded to finalists to support the development and field testing of their proposed solutions.
- Potential post-challenge support: Winners will be eligible to apply for post-challenge support, designed to help bring your solution to real-world implementation, including continued technical and strategic guidance to refine solution design and implementation planning into proof-of-concept (PoC) ensuring practical viability and financial sustainability. Support will also include real-world PoC implementation support, and access to additional funding opportunities through connections facilitated with DPI/environmental ecosystem players such as governments and donors.

4 DPI 101

This section aims to help applicants better understand Digital Public Infrastructure (DPI). Additional information can be found in the list of reference DPIs and Digital Public Goods (DPGs) for DPI in the Appendix.

4.1 What is DPI?

DPIs are defined by the World Bank as systems that serve as foundational, digital building blocks for public benefit. Systems built as DPI can comprise a variety of digital software, platforms, APIs, and services, along with their related legal and regulatory frameworks, standards, policies, and processes. The term "DPI" can refer to this overall approach or to the set of specific systems built as DPIs within a country[8].

Aligned with the above, CDPI also defines that the term "DPI" as being primarily used in two ways[9]:

- To describe an approach to addressing socio-economic problems on a population scale. This approach combines open technology standards with robust governance frameworks to encourage innovation to address societal scale challenges such as financial inclusion, affordable healthcare, quality education, climate change, access to justice and beyond.
- To describe real-world examples of that approach as represented by well-designed population scale infrastructure that abide by the principles of the DPI approach. Examples include India's Aadhaar (digital identity system), Brazil's Pix (digital payments system), and Estonia's X-Road (data-sharing platform).

[8] World Bank, World Bank Document
[9] CDPI, What is DPI? | Centre for Digital Public Infrastructure

4.2 DPI principles

DPIs are guided by five technical principles that support key societal outcomes such as inclusion, user choice, innovation, delivery at scale, speed, public trust, and competitive markets:

- **Interoperability** driven by open specifications.
- **Minimalist, Reusable building blocks** rather than end-to-end solutions
- **Diverse, inclusive innovation** by the public + private ecosystem via open & multi-modal access
- **Federated & Decentralized** with a preference for letting data stay where it has been collected.
- **Security & Privacy** by design

4.3 DPI fundamental pillars

There are 5 common DPI elements found in country deployment of DPI:

- **Identities & Registries**: Authenticating people and elements in a digital ecosystem.
- **Payments**: Making financial transactions with ease.
- **Data sharing & Credentials**: Sharing data or models peer to peer or publicly.
- **Trust infrastructure**: Enabling trust through signatures, consent, and beyond.
- **Discovery & Fulfilment**: Accessing goods and services via open protocols/APIs.

4.4 Definition of DPI approach for the challenge

Solutions built through DPI approach can fall into three categories below, all of which are welcome.

- Solution built on top of DPIs
  - These are solutions that integrate with existing DPIs that may be available in the country through interoperable open standards or specifications.
  - E.g., An application that integrates with Brazil's Pix to deliver an agricultural transaction platform.
- Solutions built with DPGs for DPI
  - These are solutions leveraging open-source **DPGs for DPI** or reusable **DPI digital building blocks** as foundational elements.
  - E.g., A solution using Mojaloop and OpenSPP to implement a government-to-person (G2P) climate-relief system in a country without an existing DPI.
- Solutions to build DPIs or DPGs for DPI
  - These are solutions that help catalyze the creation of new DPIs or develop new DPGs for DPI to fulfill the gaps, especially in contexts where no DPI exists.
  - E.g., A proposal for a new national-level farmer registry, designed according to DPI principles, to enable farmers to access subsidies in a country where no such system currently exists.

Solutions may utilize DPI and DPI building blocks in three main ways:

- **Single blocks:** The easiest to implement – innovators can plug into DPI where available or use DPGs for DPI. Examples include a G2P mapper for climate relief payments or OpenSPP as a DPG for social benefit transfers.
- **Pairs of blocks**: Commonly used combinations that reinforce each other, such as verifiable credentials with digital signatures, or ID with ID authentication.
- **Pre-curated stacks:** Comprehensive DPI stacks (e.g., Unified Energy Interface (UEI) for energy) that combine registries, open networks, interoperable payments, verifiable credentials, and more—available through a single integration point, simplifying the development process.

Also, we welcome both those that **leverage existing DPGs for DPI** as foundational elements or **develop new DPGs for DPI.** (See Section 4.5: What is DPG for DPI? for further information)

Note: Please refer to the reference list of DPIs and DPGs in the Appendix for illustrative examples of what can be used.

4.5 What is DPG for DPI?

Digital Public Goods (DPGs) are defined by the UN Secretary-General as "open-source software, open data, open AI models, open standards and open content that adhere to privacy and other applicable laws and best practices, do no harm, and help attain the Sustainable Development Goals[10].

The Digital Public Goods Alliance (DPGA) has operationalized this definition via the DPG Standard which outlines nine core requirements that a digital solution must meet to be considered a DPG: SDG relevance, Open licensing, Clear ownership, Platform independence, Documentation, Non-Personally Identifiable Information, Privacy and applicable laws, Open standards and best practices, and Do no harm by design[11]. The DPG Registry[12] lists all digital solutions that have been recognized as DPGs.

From education and healthcare to financial inclusion, DPGs are being deployed across a wide range of use cases globally. Their application to DPI is no exception.

DPGs for DPI in this challenge refer to DPGs that are being implemented by countries as part of their DPI. This includes building on top of, adapting, or even creating a new digital public good in order to advance the creation or implementation of digital public infrastructure.

For a better understanding of what DPGs for DPI are and guidance on which ones to leverage, please refer to the list of reference DPGs for DPI in the Appendix. Please note that applicants may consider leveraging other DPGs listed in the DPG Registry, as long as they align with the fundamental pillars and principles of DPI; however, we encourage the use of the reference list of DPGs for DPI as a starting point.

[10] UN Secretary General, Roadmap_for_Digital_Cooperation_EN.pdf
[11] DPGA, https://www.digitalpublicgoods.net/standard
[12] DPGA, digitalpublicgoods.net/registry

5 Indicative problem statements & potential DPI/DPG-enabled solutions

This section aims to offer indicative problem statements, solution overview (what Digital Public Infrastructure (DPI) / Digital Public Good (DPG) for DPI is leveraged and how), Functionality & Applicability (how the solution works and who the targets are) to help participants understand how DPI/DPG for DPI can be leveraged in environmental action.

- We welcome both new and existing solutions to apply:
  - New solutions are those which are conceived through this challenge and use DPI as core enablers such as a new transaction platform built on top of a payment system,
  - Existing climate solutions are those that are already in development or deployment and can be enhanced by leveraging DPI through a "+1 approach', such as an organization that provides climate or energy compliance certificates and incorporates digital signatures to convert the certificates into tamper proof, verifiable credentials.

These are intended as illustrative examples only — we encourage and welcome solutions that go beyond the ones listed here. If you want to see more examples of problem statements and solutions and better understand real-world examples behind these indicative problem statements, please refer to the additional indicative problem statements and the list of reference DPIs/DPGs for DPI in the appendix.

Energy

- Renewable Energy Credential
  - Indicative problem statement: In the renewable energy sector, certification services exist to validate the operations of clean energy companies. However, verifying the authenticity of such certifications remains difficult, often leading to delays in accessing government subsidies or incentives. As a result, these certifications struggle to function effectively as tools to promote renewable energy adoption.

- Solution overview: Leverage DPI to enhance existing renewable energy certification systems by embedding verifiable credentials. This approach strengthens the trust and usability of certifications.
  - DPI categories: Single blocks (Data Sharing & Credentials)
  - Indicative DPI: N/A
  - Indicative DPG for DPI: Inji[13]
- Functionality & Applicability: Certification providers issue digitally signed, verifiable credentials to renewable energy companies that meet operational standards. These credentials can be stored in the company's mobile wallet and presented seamlessly to government agencies or financial institutions. Agencies can instantly verify the authenticity of the certification and promptly disburse subsidies. This system reinforces the impact of existing certification schemes, improves the efficiency of public incentive delivery, and accelerates renewable energy adoption at scale.

- Energy Demand Forecasting and Grid-scale demand flexibility
  - Indicative problem statement: As distributed energy resources (DERs) such as rooftop solar and home batteries grow, utilities are struggling to manage real-time load at the feeder and substation levels. Manual coordination is slow, costly, and limited in reach. Utilities lack visibility into grid events and cannot respond quickly to prevent overloads. These inefficiencies lead to energy loss and hinder the effective integration of renewables.
  - Solution overview: Leverage DPI to enable a unified platform that connects utilities, households, DERs, and various energy-related data sources, facilitating real-time data sharing and seamless communication. This platform supports utilities in analyzing and responding to demand issues in real time, while also tracking and managing households with DERs that have opted into demand flexibility programs.
    - DPI categories: Pre-curated stacks (includes Registry, Data Sharing and Credentials, Discovery and Fulfillment and offers innovators ease of connectivity)
    - Indicative DPI: Unified Energy Interface (UEI) / Digital Energy Grid (DEG)
    - Indicative DPG for DPI: N/A
  - Functionality & Applicability: Develop a solution that forecasts localized grid stress—such as feeder or substation overloads—by analyzing historical patterns and real-time data from DERs, weather, and consumption. When a potential overload is identified, the system automatically coordinates with DERs in households that have opted into demand flexibility programs to shift or shed load, for example by discharging home batteries or delaying EV charging. It triggers automated workflows in response to system events, such as generation shortfalls or device alerts, and logs all actions, decisions, and data sources to ensure full auditability. Utilities can also define conditional logic, such as temporarily pausing EV charging when capacity thresholds are exceeded. Through this coordinated and automated process, utilities can respond faster, maintain grid stability, and integrate renewable energy more effectively.

- Biofuel Marketplace
  - Indicative problem statement: Biofuel production relies on decentralized, small-scale raw materials such as used cooking oil (UCO), crop residue (e.g., stubble), and organic waste. However, these inputs are often wasted or underutilized because there is no efficient platform to connect suppliers (restaurants, farmers, etc.) with buyers (refineries, biofuel producers). Middlemen dominate the current value chain, resulting in low price transparency, inefficient logistics, and limited participation by smaller suppliers.

[13] Inji is a module within MOSIP, which is a DPG for DPI

- Solution overview: Leverage DPI to create a decentralized, open network that enables direct transactions between raw material suppliers and biofuel buyers through any compatible app.
  - DPI categories: Pair of blocks (Data Sharing & Credentials, and Discovery & Fulfillment)
  - Indicative DPI: BeckN protocol
  - Indicative DPG: N/A
- Functionality & Applicability: Build a biofuel marketplace app on top of the network. This solution allows suppliers (e.g., small farmers, restaurants) to list available biofuel feedstock and buyers (e.g., refineries, fuel producers) to discover nearby listings, enhancing circular economy participation, reducing waste and boosting the availability of low-carbon fuel alternatives.

Transport

- Sustainable Urban Commute: Green Moves for a Brighter Future
  - Indicative problem statement: Lack of incentives for individuals to shift to greener transport options, continuing reliance on conventional, polluting modes.
  - Solution overview: Leverage DPI to create platforms integrating mobility data across different modes, allowing users to access eco-friendly travel options through their preferred mobility apps and the solution to track users' green transportation behaviors.
    - DPI categories: Pre-curated stacks & Pairs of blocks (Data Sharing & Credentials and Discovery and Fulfilment)
    - Indicative DPI: Delhi Transport Stack, BeckN protocol
    - Indicative DPG for DPI: X-Road®
      - Functionality and Applicability: Implement a discovery & rewards system that allows users to identify available green mobility choices– such as real-time schedule of metro, buses, ride-shares availability, and EV charging station availability)–, and tracks their journeys. In return, users receive points through their preferred mobility app, which can be redeemed for benefits like free rides. The solution would encourage change in behavior by offering support and small rewards for eco-friendly travel.

Forest and Biodiversity

- Carbon Credit Project Registration
  - Indicative problem statement: Difficulty in project registration due to fragmented documentation and non-compliance with standards, causing delays and project rejections.
  - Solution Overview: Leverage a forest registry DPI to validate land eligibility and legal compliance for project registration. DPI can also provide forest cover history that can be used to assess reforestation potential.
    - DPI categories: Pair of blocks (Identity & Registry and Trust Infrastructure)
    - Indicative DPI: CAR in Brazil
    - Indicative DPG for DPI: N/A
  - Functionality & Applicability: Develop a Carbon Project Preparation Solution for new carbon credit projects to streamline documentation collection e.g., land certificate, analyze eligibility using forest cover history data and public satellite images and ensure legal compliance through project registration processes.
- Digital Forest Health Monitoring

- Indicative problem statement: Lack of consistent monitoring tools makes it difficult to track and predict forest health impacts from natural and human-induced disturbances.
- Solution overview: Leverage DPI to store and share remote sensing data, satellite imagery, and sensor networks in a unified platform. It allows for cross-sector collaboration and access to real-time data for forest health monitoring.
  - DPI categories: Pre-curated stacks (Identity & Registry and Data Sharing & Credentials)
  - Indicative DPI: Forest stack Rajasthan, West Bengal, and Odisha
  - Indicative DPG for DPI: N/A
- Functionality & Applicability: Implement a digital forest health monitoring system that uses GIS-MIS tools to monitor forest conditions and detect early signs of disturbances, enabling forest management departments to implement more effective intervention.

Agriculture

- Market linkages in Agriculture
  - Indicative problem statement: Many farmers remain disconnected from formal markets, limiting their access to essential agricultural inputs and their customers. This isolation leads to reduced productivity, income instability, and missed opportunities for value addition.
  - Solution overview: Leverage DPI to facilitate secure and transparent transactions among farmers, input suppliers and buyers on a trusted platform.
    - DPI categories: Pre-curated stacks or Pair of blocks (Payment and Discovery & fulfillment)
    - Indicative DPI: Agri Stack, or UPI, Pix
    - Indicative DPG for DPI: Mojaloop
  - Functionality & Applicability: Develop a market linkage platform that enables farmers to access essential resources like seeds and fertilizers and connect with processors and end consumers so that they can improve yields, gain fair prices, and participate more fully in the agricultural value chain.
- Incentivizing Climate-Smart Agriculture
  - Indicative problem statement: Traditional agricultural practices contribute to environmental degradation; However, farmers, especially smallholders in vulnerable communities, often lack access to incentives, information and support mechanisms that can enable a just and equitable transition toward Climate-Smart Agriculture (CSA) practices.
  - Solution overview: Leverage DPI to provide an agricultural database that records farmers and their agricultural practices. This database can serve as verification & advisory mechanism to recognize, empower, and reward farmers who adopt—or are willing to adopt—CSA practices.
    - DPI categories: Pairs of blocks (Identity & Registry and Trust Infrastructure)
    - Indicative DPI: Farmer Registry in Agri Stack
    - Indicative DPG for DPI: Sunbird
  - Functionality & Applicability: Establish a voluntary digital registry that records farmers' profiles and their implementation of CSA practices, such as carbon sequestration, soil health, and water conservation. It will provide tailored advisory services to guide farmers on how to adopt CSA practices based on various best practices recorded in the registry. This centralized registry will also enable CSA-compliant farmers to be identified and gain active support from governments, institutions, and private sector players, and consumers.

Disaster Resilience

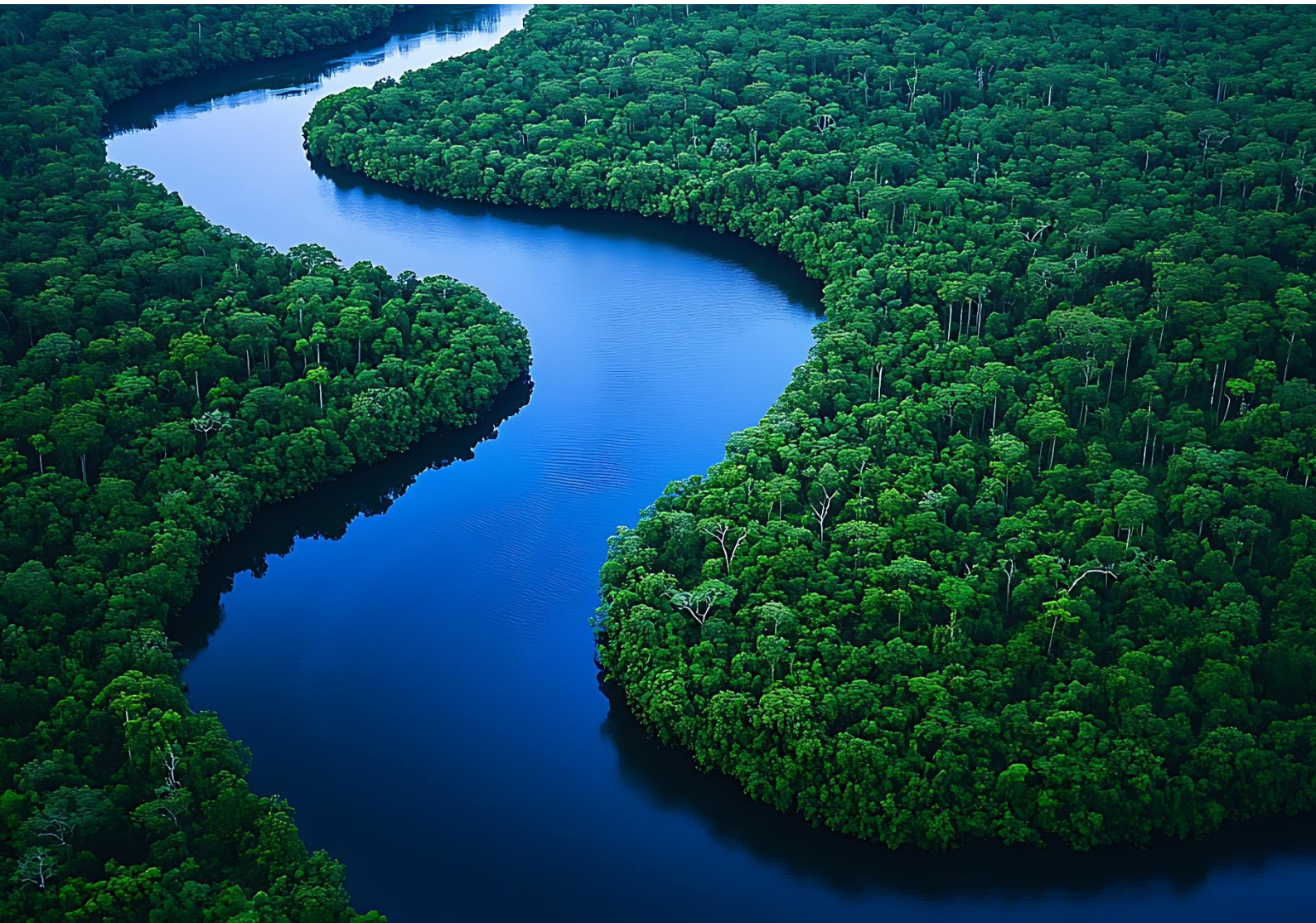
- Early Warning System
  - Indicative problem statement: Disaster-prone regions struggle to communicate information and intelligence directly to citizens on the ground, leading to loss of life.
  - Solution overview: Leverage DPI to integrate real-time data from disaster sensors and mobile phone GPS enabling timely warnings.
    - DPI categories: Single blocks (Data Sharing and Credentials)
    - Indicative DPI: Inji
    - Indicative DPG for DPI: N/A
  - Functionality & Applicability: Develop an early warning solution that uses integrated real-time data from sensors, mobile phone GPS, etc., and AI analysis to automatically identify affected populations and send timely alerts to them.
- Anticipatory Aid for Disasters
  - Indicative problem statement: Disaster-prone regions lack timely aid response systems, leading to greater loss of life and assets when disasters occur.
  - Solution Overview: Leverage DPI to identify populations in disaster-prone areas thorough resident registry and facilitate secure and direct pre-disaster relief efforts through a digital payment system.
    - DPI categories: Pair of blocks (Identity & Registry and Payments)
    - Indicative DPI: Aadhaar payment bridge
    - Indicative DPG for DPI: OpenG2P, OpenSPP
  - Functionality and Applicability: Implement anticipatory disaster response solutions that enable governments, humanitarian aid agencies, etc. to provide direct cash transfer to populations in disaster-prone areas before disasters strike, letting them evacuate, secure assets, or purchasing supplies to reduce the overall impact.

Other (Water)

- Predictive Water Quality Monitoring
  - Indicative problem statement: In many developing countries, water quality testing is performed using traditional methods that are manual and responsive. Real-time water quality monitoring is non-existent, leading to inconsistent water quality and increased health risks.
  - Solution overview: DPI can stream the IOT sensor data from various water quality sensors like pH sensors, turbidity sensors etc. and feed it into an AI/ML model capable of predicting the decline in water quality.
    - DPI categories: Single blocks (Data Sharing and Credentials)
    - Indicative DPI: N/A
    - Indicative DPG for DPI: X-Road®
  - Functionality and Applicability: Create a Distributed Water Quality Monitoring Service linking integrated water quality IoT sensor data to AI/ML predictive analysis. This solution would continuously assess water quality and update centralized management dashboards, enabling timely alerts to water utilities and public health agencies to get notified. These dashboards would support the automated adjustment of chemical dosages in treatment plants, thereby improving water quality and reducing public health risks.

Cross-cutting

- Unlocking Climate Finance through trusted data
  - Indicative problem statement: Carbon credit increasingly plays a role in national and corporate decarbonization strategies; however, stakeholders often lack reliable harmonized carbon credit data across countries and registries. In this context, ensuring that the emissions reductions generated from carbon credit projects are not double counted – e.g., not issued in multiple times in different registries, used by two or more entities, or claimed under another policy scheme on a global scale remains a significant challenge. This issue is especially critical to buyers and climate-fintech companies concerned with the additionality and environmental integrity of carbon credit markets.
  - Solution overview: Leverage DPI that provides access to harmonized, cross-registry carbon credit metadata, enabling the tracking and evaluation of climate-related investment products across countries and crediting programs in conjunction with additional data sources as needed.
    - DPI categories: Single blocks (Data Sharing & Credentials)
    - Indicative DPI: Climate Action Data Trust (CAD Trust)
    - Indicative DPG for DPI: N/A
  - Functionality & Applicability: Develop a solution that assesses credibility of climate-related investment products provided by climate-fintech companies, using harmonized carbon credit metadata, combined with additional datasets and proprietary analysis. The tool would better flag inconsistencies and identify risks such as potential double counting. This enhances transparency and allows investors to trust the carbon assets they are financing, while fintech companies can offer more credible, compliant, and attractive investment products to their clients.



6 Challenge process

This challenge consists of an application stage followed by two selection rounds. Applicants will progress through a competitive funnel; 30-50 innovators proceed to Round 1, ~10 finalists invited to Round 2, resulting in ~5 winners. The applicant engagement, mentorship, and submission requirements for Rounds 1 and 2 might be refined as the challenge progresses.

6.1 Application: Initial Screening

This stage focuses on attracting applicants and selecting 30-50 groups, aiming to build global momentum by creating a broad and diverse application funnel.

- Timeline: From June to August
  - Registration open: June 9th
  - Application deadline: July 11th
  - Selection of top 30-50: August
- What applicant engagement & mentorship are provided:
  - Info sessions to provide the challenge overview and conduct Q&A
- What do applicants need to submit: A simple application form (see the template in Appendix) including components below:
  - General information
    - Organization information: Enter organization name. Select organization type. Select country where your organization is headquartered
    - Contact details: Enter the full name of the primary contact person. Enter the email address of the primary contact person
    - Solution information: Select the thematic area your solution addresses (Multiple selections allowed). Select the SDGs your solution contributes to. (Multiple selections allowed). Select the target countries for your solution (Multiple selections allowed). Indicate whether you are willing to make the solution open-source and comply with DPG requirements.

- Proposal
  - Problem statement: Describe the climate / environmental / planetary challenge your solution addresses.
  - Solution overview: Select the DPI fundamental pillars, including “DPI” or “DPG for DPI” you will use. Describe the technical approach, including how you will leverage the DPIs to enhance your solution. Indicate the current ideation stage or you solution and provide the supporting document.
  - Functionality & Applicability: Describe the solution’s core functionalities and how they address the defined problem, including the target market / segment.
  - Feasibility: Clearly specify the prerequisites that your solution needs to leverage or build upon and explain the feasibility of securing them. List broad enablers required for your solution to work and explain how you plan to secure them. Identify key risks and how you plan to mitigate them.
  - Team information: Provide an overview of your core team structure, including profile of key personnel who will be involved in this challenge and the proportion of time they can dedicate if selected as winners. Also outline any relevant / similar projects your team has worked on, if applicable. Upload your legal organization certificate. Indicate the current funding stage of your organization and provide the supporting document.
- Additional information
  - Upload any one relevant material that helps us understand your organization or solution better (e.g., pitch deck, organization overview/chart, team structure or any previous work). Explain why this challenge is of interest to you and specify any support you would like to receive over the next 12–24 months. (not for selection purpose)

6.2 Round 1: Group workshops & solution refinement

This stage involves group mentorship for the top 30- 50 applicants to help refine their solutions and identify the top 10 finalists, with the aim of creating excitement within the selected innovators to foster DPI for People and Planet community of practice.

- Timeline: August to September
  - Mentorship workshops for top 30-50
  - Selection of top 10
- What applicant engagement & mentorship are provided:
  - Group mentoring and workshops on
    - DPI/DPG fundamentals and their climate relevance
    - Climate thematic areas
    - Business model development
  - Group meet-ups with DPI “gurus.”
- What do applicants need to submit: A solution design, including:
  - Technical architecture design
  - Data sources and integration approach
  - Persona-facing wireframes

- User-feedback

6.3 Round 2: Prototype build

This stage provides 1-1 mentorship for the top 10 finalists and connects them with key stakeholders to build prototypes in a real-world scenario. During the first half of this stage (Round 2a), the top 5 teams will be selected, and in the second half (Round 2b), they will receive more tailored mentorship to further refine the prototype and/or begin solution deployment.

6.3.1 Round 2a

- Timeline: September to October
  - Mentoring
  - Selection of top 5 teams
- What applicant engagement & mentorship are provided:
  - 1:1 climate-domain/business mentorship on business plan development
  - 1:1 technical mentorship to provide feedback on solution design and guidance on broader key topics such as DPI, DPG, and their climate relevance
- What do applicants need to submit:
  - Updated solution design based on the feedback provided, including:
    - Technical architecture design
    - Data sources and integration approach
    - Persona-facing wireframes
    - User-feedback
  - Functional prototype, showing basic front-end flow with dummy-data.
  - Business plan, including:
    - Implementation plan
    - Costing and monetization/revenue plan
- What monetary support is provided: $20,000 per team (top 10) to be provided at the beginning of Round 2a to support prototype development.

6.3.2 Round 2b

- Timeline: October to November
  - Mentoring
- What applicant engagement & mentorship are provided:
  - 1:1 climate-domain/business mentoring to provide feedback on business plans and support prep for final pitch at COP30
  - 1:1 technical mentoring specific to geography/themes of solutions (e.g., Delhi Transport Stack, MOSIP, Mojaloop)
- What do applicants need to submit: Final pitch deck and demonstration, summarizing refined solution design, functional prototype, and business plan for:
  - Global DPI Summit pitch
  - COP30 pitch and winner announcement
- What monetary support is provided: $80,000 (to top 5) as grants to be provided at the end of COP30 (balance of the $100,000 grants for winners, after the initial $20,000 upfront payment to top 10 at start of Round 2a)

7 Selection criteria

The applicants will be selected by the criteria such as the following, which may be further refined at each stage of the challenge process.

7.1 Application: Initial Screening

Please refer to the appendix for the detailed application form.

- Problem statement
  - Does the submission clearly define the climate / environmental / planetary challenge it aims to solve?
- Solution overview
  - Does the submission provide a high-level technical approach that effectively leverages relevant DPIs to address the identified problems?
  - Has the idea already been tested or validated in a real or simulated world?
- Functionality & Applicability
  - Are the key functionalities clearly defined and directly linked to addressing the identified problem with concrete and actionable features? Are the intended users clearly identified?
- Feasibility
  - Is the solution feasible to deploy in the real world?
- Team information
  - Does the team have the necessary and diversified skills, and a related track record required to execute the project?
  - Is the applicant a legally registered organization?
  - Does the organization have access to existing funding to be leveraged for the solution and at what stage?

7.2 Round 1: Group workshops & solution refinement

Please note that we will evaluate solutions based on impact and feasibility, but more detailed selection criteria will be disclosed once you proceed to Round 1.

7.3 Round 2: Advanced 1-1 mentorship technology & business

Please note that we will evaluate solutions based on impact and feasibility, but more detailed selection criteria will be disclosed once you proceed to Round 2.

8 FAQ

- What is DPI and why is it important in this challenge?
  - Digital Public Infrastructure (DPI) refers to a set of foundational digital systems like identity, payments, and data exchanges that enable secure, interoperable, and inclusive interactions between people, businesses, and governments. In the context of people and planet challenges, DPI is crucial because it helps deliver real-time data, ensure transparent resource allocation, and empower vulnerable communities to participate in and benefit from climate actions at scale.
- Who can apply for this challenge?
  - This challenge is open to various organizations including startups, research institutions, non-profit organizations, and social enterprises.
    Note: Individuals need to apply on behalf of an established entity they belong to.
- Is the challenge open to teams from any country?
  - Yes. Teams from all countries are welcome to apply. We strongly encourage a diverse range of solutions from all regions and sectors. That said, the challenge gives preference to solutions that target the Global South, where climate vulnerability is often the highest, and the potential impact of DPI is significant.
- Can I submit an existing solution, or does it need to be new?
  - You may submit either of the following:
    - A new solution, which is conceived through this challenge and uses DPI as a core enabler such as a new transaction platform built on top of a payment system,
    - An existing solution that is already in development or deployment and can be enhanced by leveraging DPI through a “+1 approach’, such as an organization that provides climate or energy compliance certificates and incorporates digital signatures to convert the certificates into tamper proof, verifiable credentials.
- Do I need a working prototype to apply?
  - No, a functional prototype is not required at the time of application. You can apply with an idea-stage solution. However, your idea should demonstrate a clear use of DPI/DPG and real-world applicability.

- Selected teams will have the opportunity to further design and build their prototype during Round 2 of the challenge, with mentorship and monetary support.

- What type of People and Planet challenges are eligible?
  - We welcome solutions addressing any People and Planet-related challenges. These may include, but are not limited to energy, transport, forest & biodiversity, agriculture, disaster resilience, water, public health, and cross-cutting topics (finance & measurement).
- What is the broad timeline of the challenge?
  - June: Registrations and Applications open
  - July: Applications close; 30-50 applicants shortlisted for Round 1
  - August: Group mentorship period; top 10 finalists selected for Round 2
  - September to October: 1-1 mentorship; top 5 winners selected and prepared for COP30 pitches
  - November: Final pitches presented at COP30
- What kind of support will I receive if selected for Round 1?
  - You will receive:
    - Group workshops on DPI, DPG, climate and business
    - Group meet-ups with DPI "gurus"
- What kind of support will I receive if selected for Round 2?
  - You will receive:
    - $20,000 in prototype development grants
    - 1:1 mentorship from experts in DPI/DPG, climate, and business
- What do the winning teams receive?
  - Winning teams will receive monetary support, tailored mentorship, and global visibility during the challenge.
    - Additional $80,000 in grants (balance of the $100,000 grants for winners after $20,000 upfront payment)
    - 1:1 mentorship from experts in DPI/DPG, climate domains, and business to refine your solution and business plan
    - Opportunity to pitch at COP30, one of the world's leading climate platforms
  - In addition, winning teams will be eligible to apply for post-challenge support designed to help bring your solution to real-world implementation. This support will include:
    - Continued mentorship to refine your solution and implementation plan, such as ensuring practical viability and financial sustainability
    - PoC implementation support to test your solution
    - Connections with DPI / climate ecosystem players such as governments and donors and additional funding opportunities for scaling through the connections

9 Appendix

9.1 Additional indicative problem statements and potential DPI/DPG-enabled solutions

Transport

- Decongestion: Smart Moves for Smooth Traffic
  - Indicative problem statement: Severe urban congestion leads to inefficiencies, delays, and high pollution levels.
  - Solution overview: Leverage DPI to aggregate traffic data from sensors, cameras, and GPS devices across cities. This data can be used by governments / public transportation operators in real-time to control traffic signals, reroute traffic, and optimize public transportation schedules.
    - DPI categories: Single blocks (Data Sharing and Credentials)
    - Indicative DPI: Delhi Transport Stack
    - Indicative DPG for DPI: X-Road®
  - Functionality & Applicability: Enhance public transportation management system of governments / public transportation operators by using aggregated traffic data with data analytics and predictive intelligence. This would enable them to control traffic signals in real-time, reroute traffic, optimize public transportation schedules, resulting in traffic flow optimization, reduce congestion, and enhance urban mobility efficiency.

Other (Water)

- Predictive Asset Maintenance
  - Indicative problem statement: Water utilities lack predictive capabilities for asset health detection, resulting in unexpected failures of pumps, valves, and pipelines, leading to service outages and high repair costs.
  - Solution overview: DPI can help integrate data from various IoT sensors, SCADA systems to monitor vibration, flow rates, water pressure, geospatial location of assets, asset details, maintenance records etc. DPI can further integrate data from external sources such as weather data and satellite images.

- DPI categories: Single blocks (Data Sharing and Credentials)
- Indicative DPI: N/A
- Indicative DPG for DPI: OpenFn, X-Road®

– Functionality & Applicability: Develop a "Predictive Maintenance AI Service" that can predict asset failures based on integrated data from various water facilities and external sources and help optimization of asset maintenance and replacement schedule.

Other (Public Health)

- Outbreak monitoring system
  - Indicative problem statement: Especially in developing countries, health systems lack real-time tools to detect and respond to infectious disease outbreaks, leading to delayed interventions and widespread transmission.
  - Solution overview: Leverage DPI to integrate mobile phone GPS data user health self-reports, and public reporting of infection numbers by governments, while preserving user privacy.
    - DPI categories: Single blocks (Data Sharing and Credentials)
    - Indicative DPI: N/A
    - Indicative DPG for DPI: X-Road®
  - Functionality & Applicability: Develop a mobile-based outbreak monitoring solution based on the integrated mobility data, users' self-reports and government reports, which enables contact tracing, hotspot identification, and health alerts for both users and health authorities.

Cross-cutting

- GHG Emissions Reporting
  - Indicative problem statement: Many industries lack transparency and accountability in their emissions data, leading to inefficiencies and challenges in meeting sustainability goals and regulatory requirements.
  - Solution Overview: DPI can aggregate data from emissions sensors, environmental monitoring systems, regulatory databases to provide real-time emissions reporting -. This ensures transparency, reduces errors, and enhances accountability in emissions management.
    - DPI categories: Single blocks (Data Sharing and Credentials) -
    - Indicative DPI: N/A
    - Indicative DPG for DPI: X-Road®
  - Functionality & Applicability: Implement automated GHG emissions reporting that use real-time data, sensor networks, and AI-based models to track emissions across industrial processes and ensure compliance with local regulations. This solution helps private sector stakeholders improve visibility, demonstrate compliance, and increase accountability in their environmental performance.

9.2 The list of reference DPIs

This section provides the list of reference DPIs mentioned in the indicative problem statements. This will help you to understand the real-world examples that the indicative problem statements are based on and inspire your solutions. In particular, the highlighted DPIs offer access to their platform or support for innovators, which can help you assess the feasibility of your ideas

- **UEI / DEG**
  - DIGITAL_fide-deg-paper-250212-v13-1.pdf
  - What is Unified Energy Interface (UEI) by Beckn Protocol ? - YoCharge
  - DEG Concept note
  - DEG Demo Videos - Google Drive
  - DEG Glossary of terms
- **BeckN protocol**
  - Home - Beckn protocol
  - bkm-forumevent-brochure-231003-digital
- Delhi Transport Stack
  - Delhi Transport Stack
- CAR
  - Sicar - Sistema Nacional de Cadastro Ambiental Rural
- Forest Stack
  - jica-forest-stack-paper-vf.pdf
- Agri Stack
  - Farmer Registry Agri Stack 2025: Step By Step Process All State
- UPI
  - https://www.npci.org.in/what-we-do/upi/product-overview?utm_source=chatgpt.com
- Pix
  - Pix
- Aadhaar
  - https://uidai.gov.in/
- Aadhaar payment bridge -
  - G2P Payments | Centre for Digital Public Infrastructure
- **CAD Trust**
  - Climate Action Data Trust: Connecting Carbon Markets Through Open Data
  - CAD Trust manual

9.3 The list of reference DPGs for DPI

This section provides the list of reference DPGs for DPI based on the DPGs for DPI collection created by DPGA: digitalpublicgoods.net/collections/coll-dpi. This list was created in order to identify 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. This will help you understand DPGs for DPI and inspire your solutions.

- DIGIT
  - DIGIT DPG Profile
  - DIGIT DPG - Open-source, governance platform
- Open CRVS
  - OpenCRVS DPG Profile
  - OpenCRVS | Homepage
- OpenSPP
  - OpenSPP DPG Profile
  - OpenSPP – Open Source Social Protection Platform
- Modular Open Source Identify Platform (MOSIP)
  - Modular Open Source Identity Platform DPG Profile
  - Home | MOSIP
- Inji (a module under MOSIP, which is a DPG for DPI)
  - Digital credentials | G for Digital Public Infrastructure
  - Inji | Inji
- MifosX
  - Mifos X DPG Profile
  - Mifos Initiative – Open Source Community in Support of the Mifos Platform for Financial Inclusion
- OpenG2P
  - https://www.digitalpublicgoods.net/r/openg2p
  - OpenG2P
- Mojaloop
  - Mojaloop DPG Profile
  - Home - Mojaloop
- Mifos Payment Hub-EE (PH-EE)
  - Mifos Payment Hub-EE (PH-EE) DPG Profile
  - Welcome - Mifos Payment Hub EE
- QuarkID
  - QuarkID DPG Profile

  - QuarkID
- CREDEBL
  - CREDEBL DPG Profile
  - credebl.id
- X-Road®
  - X-Road® DPG Profile
  - X-Road®
- OpenFn
  - https://www.digitalpublicgoods.net/r/openfn
  - Transforming ICT4D: OpenFn's Workflow Automation Platform
- Sunbird
  - Sunbird DPG Profile
  - Home
- Janssen Project
  - Janssen Project DPG Profile
  - Janssen Documentation

9.4 Useful resources

- DPI-related
  - DPI Wiki on CDPI's website: About the DPI Wiki | Centre for Digital Public Infrastructure
  - YouTube videos on DPI offered by CDPI: Watch – CDPI
  - World Bank's reports on DPI:
    - World Bank Document
    - Digital public infrastructure (DPI) for better social protection delivery
  - DPI Safeguards: UN Universal Safeguards for Inclusive Digital Public Infrastructure
- DPG-related
  - DPG Registry on DPGA's website: digitalpublicgoods.net/registry
  - DPGs Decoded on DPGA's website: DPGs Decoded - Digital Public Goods Alliance
  - DPG Standard on DPGA's website: Digital Public Goods Standard - Digital Public Goods Alliance
- Climate/Environmental-related
  - UNDP's report on Nature ID: undp-the-case-for-nature-id.pdf
  - Digital Energy Grid Vision Paper: DIGITAL_fide-deg-paper-250212-v13-1.pdf

9.5 Application form template

Category	Questions	Instructions / Areas to cover
General information	Organization name	• Enter organization name
	Organization type	• Select organization type (for-profit / non-profit / academic & research)
	Organization location	• Select the location of your organization's HQ
	Primary contact name	• Enter full name
	Primary contact email	• Enter primary contact email
	Organization URL	• Enter the organization URL
	Thematic area(s)	• Select thematic area(s) your solution addresses (Energy / Transport / Forest & biodiversity / Agriculture, Disaster resilience / Water / Public health / Others). If you select “Others”, please specify it
	Relevant SDG(s)	• Select SDG(s) your solution contributes to
	Target country(ies)	• Select the target country(ies) for your solution
	Open-source willingness	• Select willingness to make your solution open-source (Yes - willing to make the solution open-source and fulfill the DPG requirements / Partially yes - only willing to make the solution open-source / No - unwilling to make the solution open-source) • *Note: See the section “4.5 What is DPG for DPI?” for DPG requirements*

Category	Questions		Instructions / Areas to cover
	Please describe your solution in short. Include the core idea, intended outcomes, and how it leverages DPI for people and planet. *(200 words max)*		• Briefly describe the core idea and the problem you are aiming to address. • The intended outcomes of your solution • Describe how the solution leverages DPI for people and planet.
	1. Describe the climate / environmental / planetary challenge your solution addresses (*300 words max)*		• The challenge your solution is aiming to address • The current negative impact of this challenge (specially on people), and how it will be reduced/addressed by your solution • Real-world data and examples that support the above points • *Note: See the section 5. Indicative problem statements and potential DPI/DPG-enabled solutions in this guide for your reference*
Proposal	2. Select DPI fundamental pillars including “DPI” or “DPG for DPI” you will use	DPI fundamental pillar(s) you will use	• Select the DPI fundamental pillar(s) you will use (Identities & Registries / Payments / Data Sharing & Credentials / Trust Infrastructure / Discovery & Fulfillment)
		DPI(s) you will use	• Enter the name of the DPI(s) e.g., CAR, BeckN protocol, Delhi Transport Stack (multiple inputs allowed) • *Note: If you plan to only use a DPG for DPI, please enter "Not applicable" for this question* • *Note: It is mandatory to mention either the DPI or DPG used in the solution.*
		DPG(s) for DPI you will use	• Select the DPG(s) for DPI you will use. If not listed, select "Other".
		DPG(s) for DPI you will use (in case you selected other)	• Enter the name of DPG(s) for DPI you will use (in case you selected other)

Category	Questions	Instructions / Areas to cover
Proposal	3. Describe the technical approach, including how you will leverage the DPIs to enhance your solution. *(500 words max)*	• The integration approach with the selected DPI to enable functionalities central to one or more of the DPI fundamental pillars • Datasets / type of data you plan to use • Use of DPI principles (1. Interoperability, 2. Minimalist, Reusable building blocks, 3. Diverse, inclusive innovation, 4. Federated & Decentralized, 5. Security & Privacy) to strengthen your solution
	4. Indicate the current ideation stage of your solution and provide the supporting document	• Select the current stage of solution ideation (Idea-stage only, no testing or validation / Early prototype developed, no field testing / Prototype tested under limited conditions / Pilot planed but not completed / Pilot deployment completed successfully) • Upload only one document for current stage of solution ideation e.g., solution concept note, prototype overview, prototype report, pilot implementation plan, pilot report
	5. Describe the solution's core functionalities and how they address the defined problem, including the target market / segment. *(300 words max)*	• Target segments and end users • Functionalities with actionable features • Mapping between system functionalities and their contributions to solving the defined challenge • *Note: See the section 5. Indicative problem statements and potential DPI/DPG-enabled solutions in this guide for your reference*

Category	Questions	Instructions / Areas to cover
Proposal	6. Clearly specify the prerequisites that your solution needs to leverage or build upon, and explain the feasibility of securing them, including: does your solution require access to a specific DPI within the country? Does it depend on access to underlying data or data sources? If so, how feasible is it to obtain such access? *(200 words max)*	• Required DPI that must be operational and accessible in the country (if any) • Required data or data sources that must be accessible • Feasibility to secure the above e.g., APIs are available or not, data sharing laws
	7. List broad enablers necessary for it to work (e.g., legislation, partnerships, funding), and explain how you plan to secure them. *(200 words max)*	• Enablers, required to deploy your solution e.g., partnerships with DPI custodians, governmental support to DPI solutions, fundings by governments and donors, etc. • Strategies to secure the identified enablers • *Note: You are not expected to have all necessary enablers in place at this stage. We're looking to understand whether you can identify the key enablers and have a considered approach for how you might secure them*
	8. Identify key risks and how you plan to mitigate them. *(200 words max)*	• Key risks and corresponding mitigation measures
	9. Provide an overview of your core team structure, including profile of key personnel who will be involved in this challenge and the proportion of their time they can dedicate if selected as winners.	• Brief profiles of core team members, covering education, profession, and areas of expertise • LinkedIn profile for the core team members. • Relevant past projects the team has been involved in • Team commitment, i.e., the expected capacity of key members if selected as winners, to deploy your solution • Please submit registration document for the registered entity that is eligible to receive the grant if your application is successful.

Category	Questions	Instructions / Areas to cover
Proposal	10. Indicate the current funding stage of your organization and provide the supporting document	• Select the current funding stage of your organization that could be leveraged for this solution – For for-profit: Pre-seed / Seed / Pre-Series A / Series A / Series B~ – For non-profit: Initial small donations / First formal grants received / Medium-sized foundation or government funding secured / Large institutional or multilateral donor support, full-time operations / Multi-country operations or major donor diversification – For academic and research: Internal university funding or small young researcher grants / National or institutional research grants / Multi-year grants / Social implementation underway / Commercialization of research or technology licensing • Upload one document to support your organization's funding stage. See examples below: – For for-profit: investment agreement, term sheet, share subscription agreement – For non-profit: letter of support, funding contract, annual financial statement – For academic and research: grant approval letter, grant contract, licensing agreement
Any additional information	Briefly describe any support you're seeking over the next 12-24 months and why this challenge interests you (optional) *(200 words max)*	• -
	Provide any relevant material	• Upload any one relevant material that helps us understand your organization or solution e.g., solution pitch deck and organization overview/chart, team structure, or any previous work.

FOUNDING PARTNERS

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