

# Open Source Ecosystem Enabler

*Building digital public  
services for impact*



#OSEE

**David Manset**

Senior Project Coordinator / ITU  
[david.manset@itu.int](mailto:david.manset@itu.int)

**Calum Handforth**

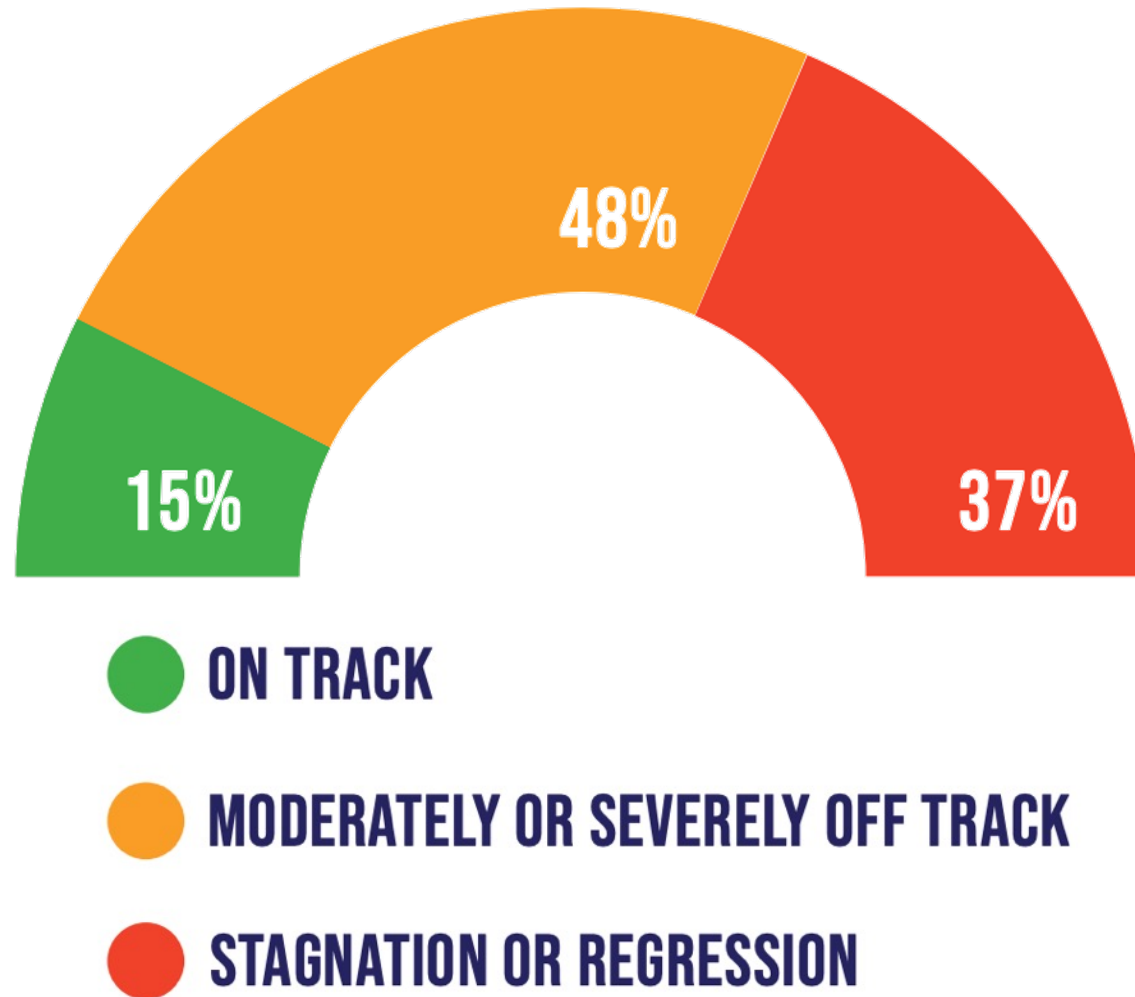
Digital Programmes Strategic Manager / UNDP  
[calum.handforth@undp.org](mailto:calum.handforth@undp.org)



Funded by  
the European Union



# Only 15% of the Sustainable Development Goals are on track





# Digital directly benefits 70% of the Sustainable Development Goal targets



# Open Source Ecosystem Enabler OSEE

## European Commission funding

- NDICI Global Gateway Programme
- **42 months** action
- Start date : **01/09/2023**
- **Global + 2 pilot countries**



Funded by  
the European Union



## Building digital public services for **impact**

### Objective

To enhance the capacity of local, regional public and private actors to adopt open-source for digital government services



### Outcome

Improved knowledge, coordinated actions, and strengthened local public and private actors' capacities to support the adoption and creation of open-source for digital public services



OSEE Framework



2x OSPOs



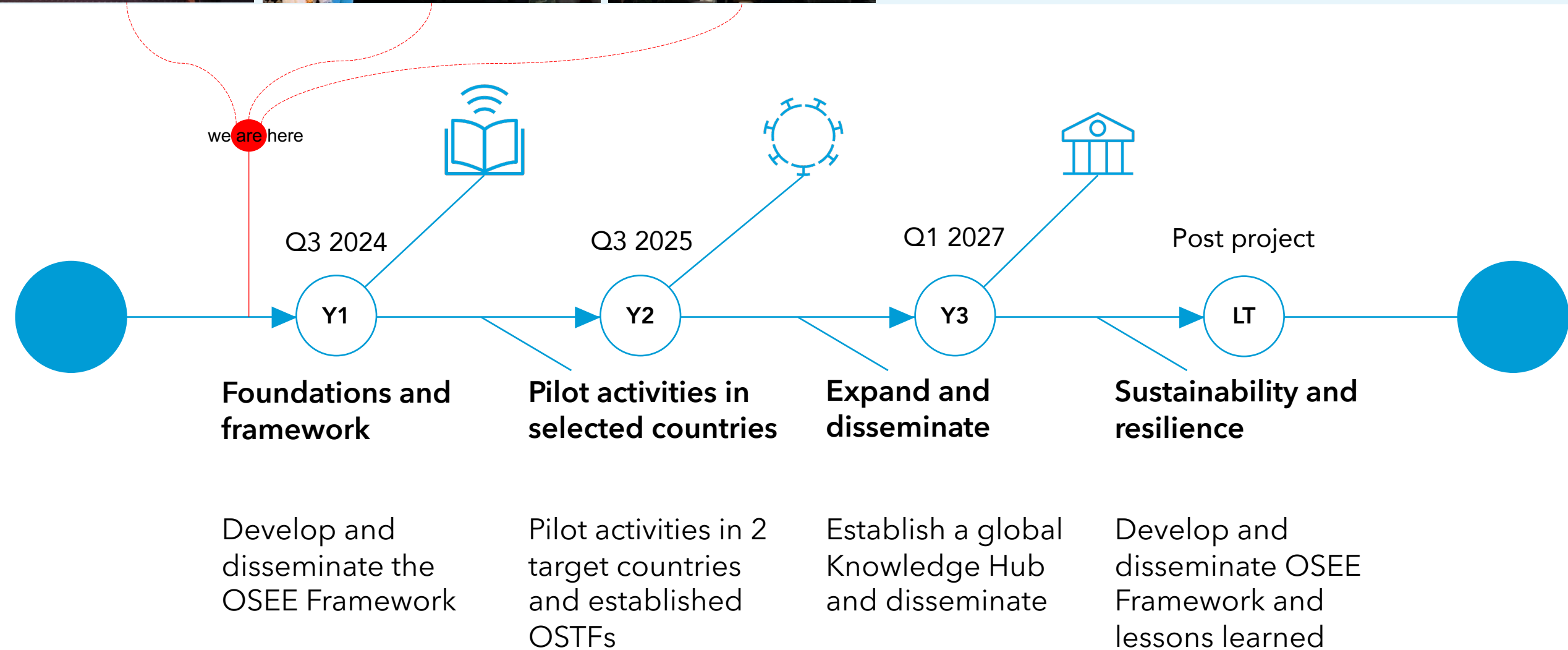
Knowledge Base





# OSEE Project

## OSEE Phases and Milestones



# Training & Support Framework

---

OSEE Project



Funded by  
the European Union



**Open Source  
Ecosystem Enabler**

*Building digital public  
services for impact*



#OSEE

### Competency 1

- What
- Why
- How
- More

# OSEE Framework Definition

To be challenged, defined and refined by experts and the community

Domain	Subdomains	Competency 1	Competency 2	Competency 3	Competency 4	Competency 5	Competency 6
Organisational	Community Management	Identify, understand and select the right open-source community over the project lifetime	Manage your open-source community over the project lifetime	Appropriately tool your open-source community			
	Legal Compliance	Identify, understand and select the right open-source community over the project lifetime	Manage your open-source community over the project lifetime	Appropriately tool your open-source community			
	HR Procurement	Understand, procure and manage open-source HR procurement policies	Adapt and enforce open-source HR procurement policies	Enforce proper licensing schemes for produced open-source			
	Process, Implementation and Planning	Setup a process for your open-source project implementation and planning	Manage your open-source project implementation and planning	Assess your open-source project risks and define mitigation plans			
Technical	Requirements & Specifications	Identify specific requirements existing GovStack	Identify specific requirements existing GovStack	Identify specific requirements existing GovStack			
	Code Security, Quality & Reuse	Develop source code experience from the	Develop source code experience from the	Facilitate open-source code reuse			
	Code Hosting, Deployment & Scaleup						
	Privacy & Security						
	Open Data & Analytics						
	Open Source AI						
Ecosystemic	Open Clouds & Infrastructures						
	OS Contribution and South-South Cooperation						
	Digital Inclusion						
	Digital Governance & Sovereignty						
	Capacity Building & Resource Mobilization						

Case-study 1

Case-study 2

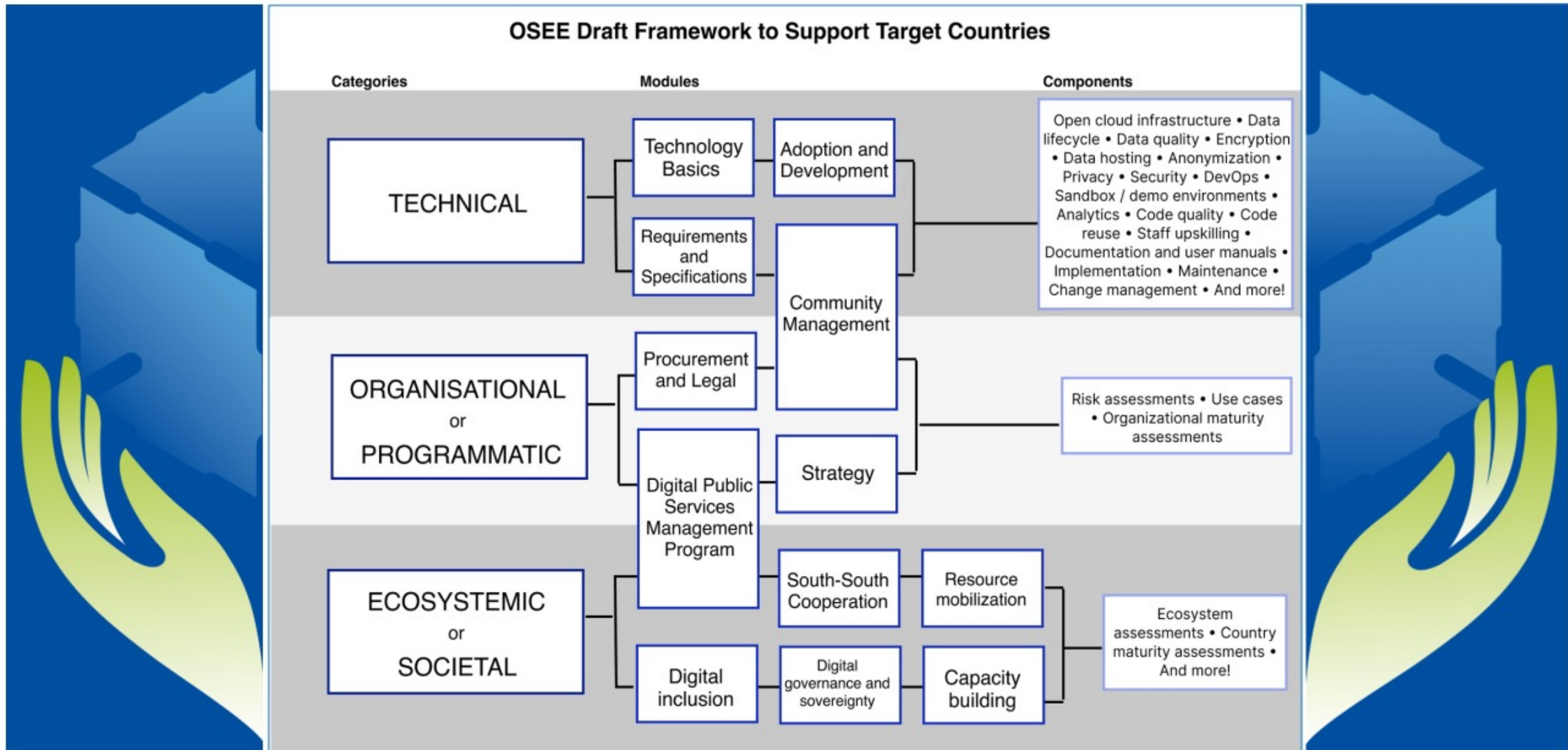
Case-study 3

OSEE Framework



- Videos
- Interviews
- Presentations
- Hands-on...

Training/Support Program



OSEE Framework will be **custom-tailored to selected countries**



- 
- 
- **Policy Development:** Creating guidelines for open-source software adoption and contribution.
  - **Community Engagement:** Building relationships and collaboration within the open-source community.
  - **Technical Support:** Providing assistance for using and developing open-source projects.
  - **Legal Compliance:** Ensuring adherence to open-source licenses and legal requirements.
  - **Training and Education:** Educating employees on open-source best practices and tools.
  - **Governance:** Establishing structures for managing open-source projects and compliance.
  - **Partnerships:** Cultivating relationships with external organizations and communities.
  - **Communication:** Promoting open-source initiatives through effective communication.
  - **Metrics:** Tracking and analyzing key performance indicators for open-source projects.

OSEE Framework will be **custom-tailored to selected countries**

# Open Source Programme Office (OSPO)

---

OSEE Project



Funded by  
the European Union



**Open Source  
Ecosystem Enabler**

*Building digital public  
services for impact*



#OSEE



## What is an OSPO and what it will cover ?

- **Manages open-source software strategy** within organisations or entities.
  - **Sets policies for using, developing, and contributing** to open-source projects.
  - **Facilitates collaboration** between teams, partners, and the broader open-source community.
  - **Provides guidance on** aspects of open-source software.
  - **Promotes transparency, innovation, and community-driven** development.
  - **Develops internal standards and best practices** for open-source technology.
  - **Coordinates open-source initiatives** to align with organizational goals.
- Physically **placed in-country**, within a hosting institution
  - Staffed **with local staff**, plus supported by local **host institution, consultants, UNDP and ITU**
  - **Operational for 2 years**, with plans to ensure future **sustainability**
  - Overseen by a **local project leader**, while overall project management will take place from ITU and UNDP



Building digital public  
services for **impact**





# Country Selection Process

---

OSEE Project



Funded by  
the European Union



**Open Source  
Ecosystem Enabler**

*Building digital public  
services for impact*



#OSEE

# OSTF Country Selection Criteria



- **Strong political commitment to leverage Open Source** for Public Services with actual implementation of at least one DPG for Public Services
- **Country expresses officially their interest** by participating in the call for “Expression of Interest (Eoi)”

- **Country has already an initial, nascent active local ecosystem**
- **Country has identified as a strategic priority** and would like to explore and leverage open source (including DPGs).
- **Country can be considered as a “champion”** in its region and/or globally and willing to share their experience and learn from others
- **Ensure diversity and representation** of different regions and different contexts



## OSTF Host sub-criteria

- Hosting agency should **be a public, academic or not-for-profit organization with a mandate** to develop local digital ecosystem and improve public services
- Hosting agency should have **sustainable income resources** that can possibly maintain and sustain the OSTF post project

# Country Identification and Selection Process

## Expression of Interest: Open Source Ecosystem Enabler



Digital innovation is key to promoting sustainable development worldwide. Digital is creating new opportunities, sectors, and new ways of working and thinking. In fact, recent ITU and UNDP research highlighted that 70% of the Sustainable Development Goal (SDG) targets benefit from digital tools and technologies.

In this context, open source - from freely available and modifiable code and solutions, to more open ways of working and thinking - are crucial in leveraging the power and

Call for Expression of Interest to Host an Open Source Programme Office

YOU ARE HERE: ITU > HOME > ITU-D > ITU-D DIGITAL SERVICES AND APPLICATIONS

ITU and UNDP are seeking Expressions of Interest (Eoi) from low- and middle-income countries committed to leveraging open-source technologies for public service delivery.

Click to complete the form

Timeline

- April 15th: Online form opens for Expressions of Interest
- April: Informational webinar and open Q&A (exact date will be announced online)
- May 15th: Online form closes for Expressions of Interest
- June 10th: Selection of the 2 countries and associated hosts

Background Information

Digital innovation is vital for global sustainable development. In achieving 70% of the Sustainable Development Goals, digital technologies play a significant role. In 2022, ITU and UNDP launched the Open Source Ecosystem Enabler (OSEE) initiative to support countries in leveraging open-source technologies for public service delivery. Despite the many benefits of open-source technologies, however, they have proven tricky to embark upon for countries. Open-source can require new skill sets, embracing sometimes unfamiliar software development lifecycles, and developing sustainable business plans around the maintenance of systems. Whilst engagement with open-source communities can require new capacities and resources in governments, as well as in the local ecosystems.

Open-source can be defined both in a different kinds of openness that governments can work with open technology. They can adopt open data and open services to those in society, the authors find. In fact, the authors find that open-source can yield substantial benefits for governments and institutions. There are many examples of governments that have successfully implemented open-source technologies. In fact, the authors find that open-source can yield substantial benefits for governments and institutions.

However, despite known advantages of open-source technologies and approaches, they have proven tricky to embark upon for countries. Open-source can require new skill sets, embracing sometimes unfamiliar software development lifecycles, and developing sustainable business plans around the maintenance of systems. Whilst engagement with open-source communities can require new capacities and resources in governments, as well as in the local ecosystems.



**Country selection:  
June 2024**



# Work Plan

---

OSEE Project



Funded by  
the European Union



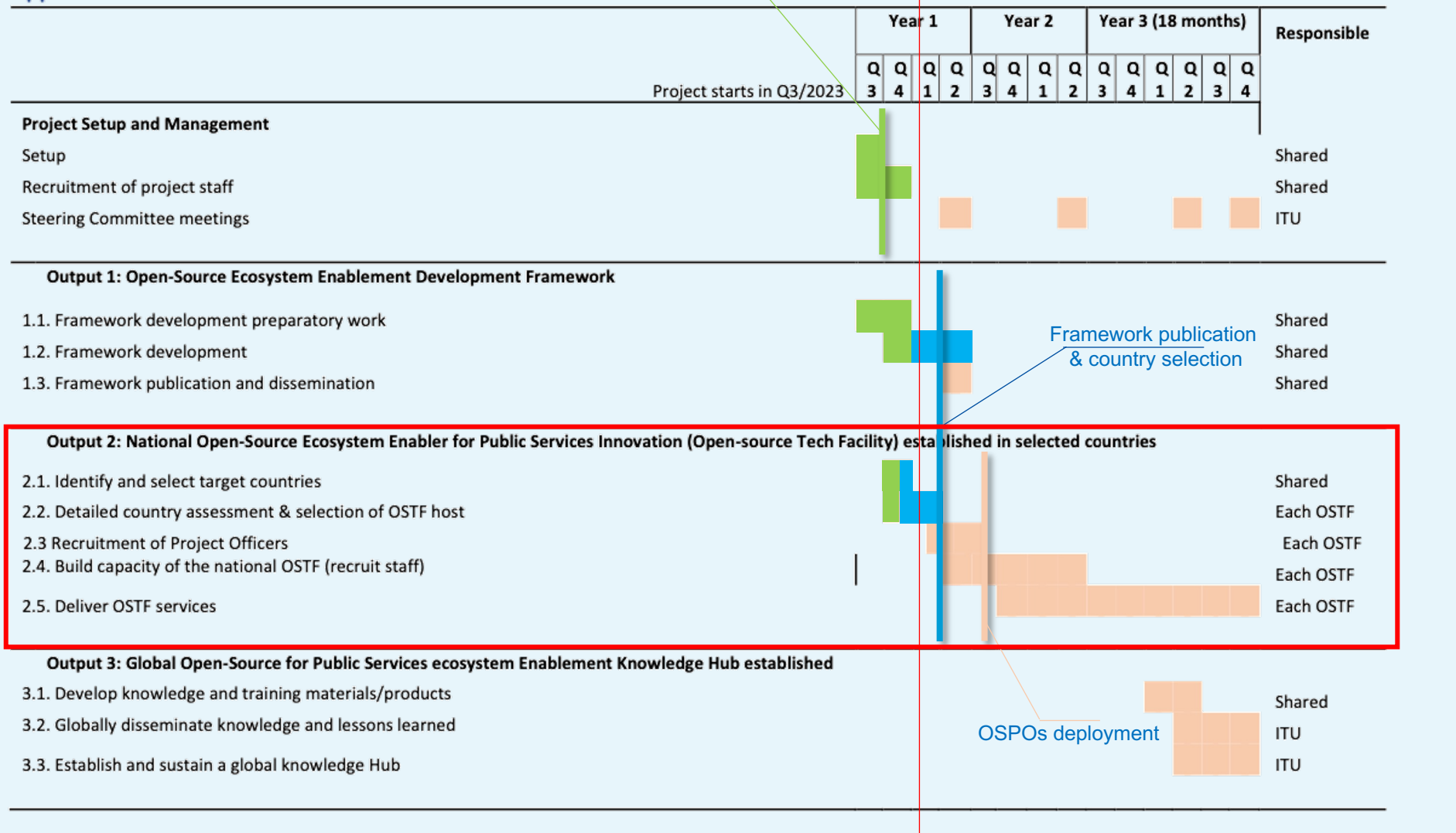
**Open Source  
Ecosystem Enabler**

*Building digital public  
services for impact*



#OSEE

## Appendix 2. Indicative Work Plan



## Interim deliverables:

- Project visual identity
- Project website
- 4 thematic webinars
- 2 planned workshops
- 1 project launch event
- 1 joint Web news
- 2 draft case-studies
- 9 intl. OS experts
- 1 draft framework
- 1 draft Open Call EoI

# Open Source Ecosystem Enabler

*Building digital public  
services for impact*



**David Maset**

Senior Project Coordinator / ITU  
[david.maset@itu.int](mailto:david.maset@itu.int)

**Calum Handforth**

Digital Programmes Strategic Manager / UNDP  
[calum.handforth@undp.org](mailto:calum.handforth@undp.org)

#OSEE



## What's coming up next?

- **May 15th:** Online form closes for Expressions of Interest
- **June:** Selection of the 2 countries and associated hosts
- **July 9th-10th:** Announcement at OSPO for Good symposium in NYC
- **July-December:** OSPO setup and framework personalisation in selected countries

## Questions ?