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iNFRASTRUCTURE

South Africa



South Africa is behind NDP 2030 infrastructure targets

INFRASTRUCTURE INVESTMENT INDICATOR WELL BELOW TARGET

There has been a decline in GFCF, across the provinces between 2011 and 2021.

Furthermore, a protracted sluggish growth scenario has hampered the fiscal position.

FUNDING OF PUBLIC INFRASTRUCTURE IS NOT DIVERSIFIED

The pace of infrastructure delivery is dependent on the the availability of fiscal funding, funding as a diminishing headspace

As a stimulus to the economy, the need to mobilise private sector involvement in infrastructure funding is well understood

CHALLENGES IN DEVELOPING CREDIBLE PROJECTS

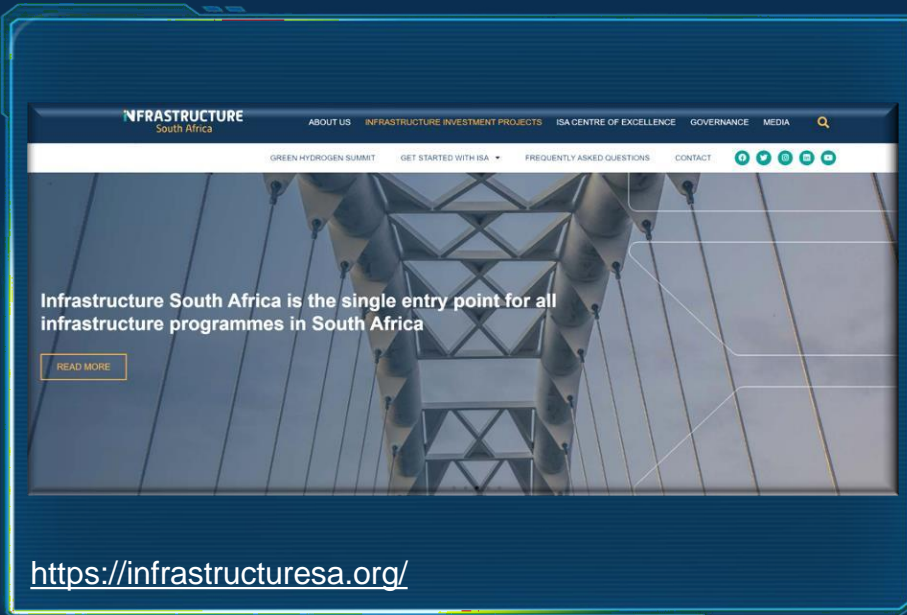
Structural challenges impeding pipeline development include gaps in technical capacity and skills in project development in and procurement

Inefficiencies identified in the regulatory and policy framework

GOVERNANCE CHALLENGES

- Project Owners: projects:
- National Departments
 - Provincial Government
 - Provincial Government
 - Local government
 - SOEs
 - Local government
 - Private Sector
 - SOEs
 - Private Sector

The objective is to build a credible and visible infrastructure project pipeline, from planning to procurement and contract delivery



The screenshot displays a list of infrastructure projects with their details:

	Avoca Node Multi-Phased Development Other Industrial Development Zones/ Special Economic Zones Registration Public initiated	10,187.8 M ZAR South Africa / KwaZulu Natal Mafikeng 17-Apr-2023
	KZN Automotive Supplier Park Transport / Other (Automotive Supplier Parks) Registration Public initiated	67.4 M ZAR South Africa / eThekweni Masele Ramogagane 27-Mar-2023
	Ngqura Manganese Export Terminal Transport / Seaport Registration Public initiated	11,000.6 M ZAR South Africa / Port Elizabeth Masele Ramogagane 27-Mar-2023
	Eastern Cape Schools Programme Social Infrastructure / School Registration Public initiated	5,719.1 M ZAR South Africa / EASTERN CAPE Masele Ramogagane 27-Mar-2023
	Maitland Residential development Social Infrastructure / Housing Registration Public initiated	1,421,284.8 M ZAR South Africa / Cape Town Dorente Uysingam 27-Mar-2023
	Upgrade and installation of storm water and roads infrastruc... Transport / Road Registration Public initiated	1,421.5 M ZAR South Africa / City of Simons Mabang Tadi 27-Mar-2023
	Manenberg - Klipfontein Regional Hospital Social Infrastructure / Hospital Registration Public initiated Design-Build-Operate	4,539.4 M ZAR South Africa / Western Cape Masele Ramogagane 27-Mar-2023



Online platform that showcases updated investment opportunities across infrastructure sectors

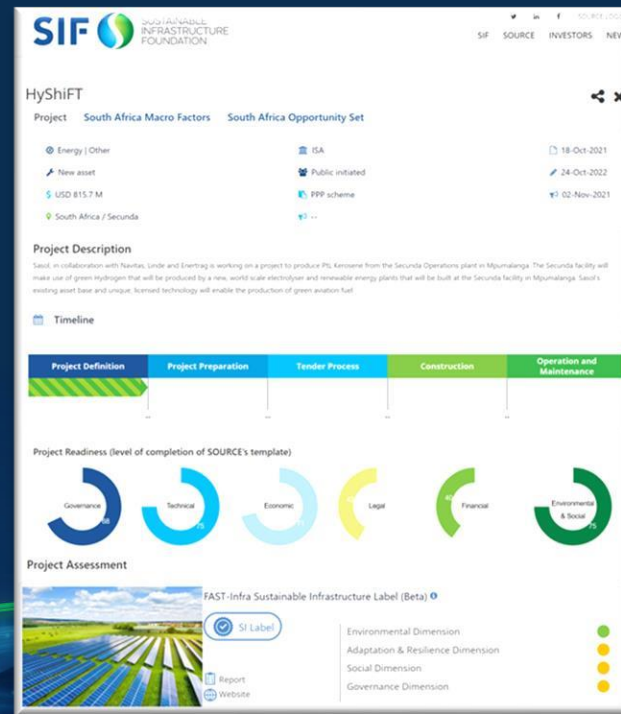


Enable access to information on infrastructure projects to domestic and global investors



Enable stakeholders to monitor progress on projects

Accessible project information for all stakeholders to monitor project progress



PROJECT REPORTING



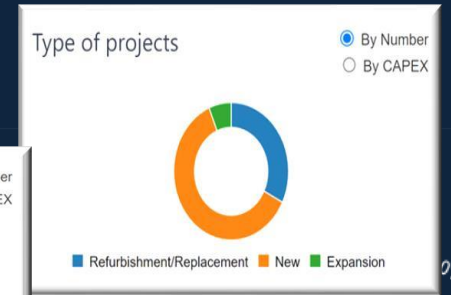
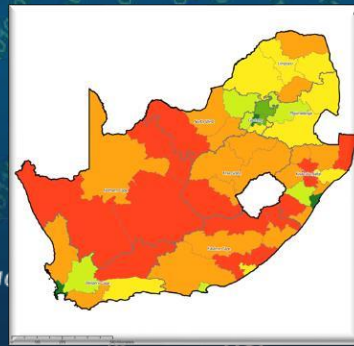
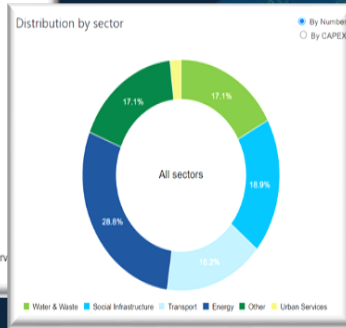
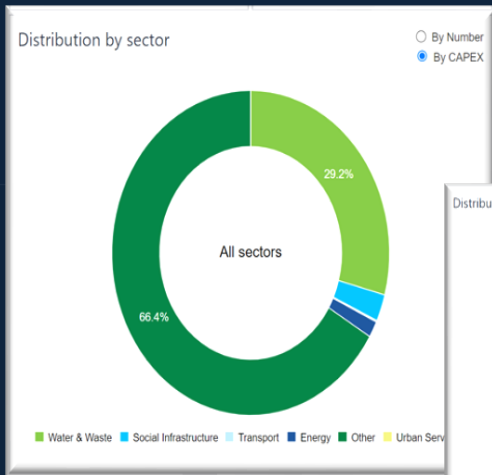
Distribution by sector ("Other" includes Human Settlements)



Geographic Spread (Compared to GCFC distribution)



Project Characteristics (Delivery Mode, Type of Procurement and Financing)





What are challenges in South Africa?

1. Mapping of the 5 case model to required governance model

2. Reliable data on project stages, including procurement and contracts

3. Integration – API to validate project progress

4. Customise Project Tags for Monitoring



5. Dashboard – In progress

Risk and Assessability

7. Project Reporting – In progress

8. Single Point of Data for all Project Stages



Project Preparation Management

- Secured collaborative workspace
- Reliable decision making
- Online process workflow

Infrastructure Intelligence Solution

- Best practice tools and standards
- Structured project data for reporting and benchmarking
- Project data and knowledge management for governments

Project Monitoring

- **Trust of private sector investors**
- **Transparent pipeline of projects**
- **Progress monitoring step by step, from preparation to procurement and contracts**

TOP 3 LESSONS TO SHARE



- 1) *Consistently improve features that would make the biggest impact – 20 / 80 principle*
- 2) *Use the strength of data to your advantage*
 - All project data in one portal
 - Project reporting
 - Alignment of the PUBLIC and PRIVATE SECTORS
- 3) *Manage the different perspectives of different market stakeholders*



Republic of Uzbekistan Digital tools for sustainable infrastructure



European Bank
for Reconstruction and Development



MINISTRY OF ECONOMY AND
FINANCE OF THE
REPUBLIC OF UZBEKISTAN



SOURCE in Uzbekistan - PHASE 1 2019 to 2022



- **SIF Engagement in Uzbekistan:** SIF began working in **2019**, responding to the **Ministry of Finance's** interest in integrating the **SOURCE platform** into Uzbekistan's **PPP ecosystem**.
- **Development of a country-specific timeline and assessment module for PPP projects :**
 - The digital PPP process in English and Russian has 12 primary branches based on the project origination project threshold for 272 predefined tasks.
 - Mapping of SOURCE questions against Uzbekistan's Project Concept Form structure to enable an extract of SOURCE's data in appropriate local format.
- **Institutionalisation of SOURCE:** Phase 1 laid the groundwork for the **institutionalisation** of SOURCE, supporting the government's efforts to **strengthen the PPP framework**.

INTEGRATION FEATURES

Focal Agency

PPP Development Agency

Other key Agencies

Ministry of Finance

Implementing Agencies

Supporting international financial institution

Asian Development Bank (Asia Pacific Project Preparation Facility)

Scope

As part of the first deployment phase, SOURCE will be used for PPP projects only.

The rationale for new digital tool

- Need for a solution to enforce the PPP project development procedure under new legislation among implementing agencies.
- Poor capacity and lack of experience in PPP project development by implementing agencies.
- Need for an online platform to increase the visibility of Uzbekistan's PPP framework and promote opportunities to a broader marketplace.



Meeting being held with the Public-Private Partnership Development Agency (PPPDA) of Uzbekistan




PPPDA Director and SIF CEO during the PPP Roundtable 2022 in Tashkent³

Uzbek PPP process digitalised in English and Russian

Bukhara BRT line 5 (test test) English Pazzaq Hasanov Pipeline

Home Project Process Documents

Dashboard Team Quality Assess Publish



ID Card Edit

Bukhara BRT line 5 (test test)

5.7 M USD 08-Apr-2021

Transport / Bus Rapid Transit 26-Jun-2024

Uzbekistan / Navoiy demo

Public initiated PPP scheme Edit

36%

May-2023 Dec-2023 May-2022

Project preparation				Tender Process		Construction	Operation and Maintenance
1 Project Definition 70%	2 ● Project Appraisal 53%	3 ● Project Structuring 34%	4 Tender Preparation 7%	5 Tender process 17%	6 Closing 17%	7 Construction 5%	8 Operation and Maintenance 3%


Notes: Activities of the week Ministry of Finance UZB | Pazzaq H... 13-Jul-2021

My Tasks: Prepare draft Project Concept Form (PCF) using in-house resou... 07-May-2021

241023 TEST BRT UZB (SIF) Русский Pazzaq Hasanov Пайплайн

Домой Проект Процесс Документы

Приборная панель Команда Качество Оценивать Публиковать



Общая информация Редактировать

241023 TEST BRT UZB (SIF)

0 k USD 23-Oct-2024

Транспорт / Автобусный экспресс-транзит 14-Nov-2024

Uzbekistan / Tashkent

Bus rapid transit (BRT), also referred to as a busway or transitway, is a trolleybus, electric bus and public transport bus service system

Инициированный общественностью Редактировать

3%

Подготовка проекта				Проведение тендера		Строительство	Эксплуатация и техническое обслуживание
1 Проработка проекта 88%	2 ● Экспертиза проекта 57%	3 Структурирование проекта 14%	4 Подготовка тендера 0%	5 Проведение тендера 0%	6 Калькуляция затрат 0%	7 Строительство 0%	8 Эксплуатация и техническое обслуживание 0%

Uzbek PPP process digitalised in English and Russian

3% Project preparation

Project Definition ▾

Id	Title	Assigned to ▾	Organisation ▾	Start date	End date	Delay (days) ▾
✓ 188	Identification of project team			08-Nov-2024	08-Nov-2024	
189	Project description (outline technical solution)					✓
190	Identification of needs/benefits of the project					✓
191	Identification of stakeholders					✓
192	Assess suitability of proposed solution					✓
193	Preliminary economic analysis					✓
194	Preliminary financial analysis					✓
195	Preliminary legal and regulatory assessment					✓
196	Environmental and social screening					✓
197	Approval of Project Definition					✓

+ Task Validate

Project Appraisal >

Project Structuring_ >

0% Tender Process

0% Construction

0% Operation and Maintenance

3% Подготовка проекта

Проработка проекта ▾

Id	Наименование	Назначенный для ▾	Организация ▾	Дата начала	Дата окончания	Задержка (Д.т.)
✓ 188	Составление группы по управлению проектом			08-Nov-2024	08-Nov-2024	
189	Описание проекта (краткое техническое решение)					✓
190	Определение потребностей/выгод проекта					✓
191	Определение заинтересованных сторон					✓
192	Оценка пригодности предлагаемого решения					✓
193	Предварительный экономический анализ					✓
194	Предварительный финансовый анализ					✓
195	Предварительная юридическая оценка и оценка зак...					✓
196	Скрининг экологических и социальных аспектов					✓
197	Утверждение проработки проекта					✓

+ Задача Подтвердить

Оценка проекта >

Структурирование проекта >

0% Проведение тендера

0% Строительство

0% Эксплуатация и техническое обслуживание

Uzbekistan Project Concept Form digitalised to facilitate government approvals

Project Concept Form

Status i

Assessment i

→ Edit

Project Description	●
Preliminary selection results	●
Financial and economic indicators	●
Risk Allocation	●
Economic Justification	●

Project Assessment (Project Concept Form)

Project Concept Form

Criteria	Completion	Status
Project Description	100%	●
Preliminary selection results	100%	●
Financial and economic indicators	94%	●
Risk Allocation	92%	●
Economic Justification	100%	●
Approval		Approved

Validate

Close

Import SOURCE Data Clear

ПРИЛОЖЕНИЕ N 1
к Положению

"УТВЕРЖДАЮ"
(Кабинет Министров или государственный партнер)
Ф.И.О.
" ____ " _____ 2021

1. Описание проекта

Наименование проекта *Import data from SOURCE*

Название отрасли *Import data from SOURCE*

Тип проекта *Import data from SOURCE*

Объем работ, выполняемых частным партнером *Import data from SOURCE*

Наименование государственного партнера *Import data from SOURCE*

Место реализации *Import data from SOURCE*

II. Предварительные результаты отбора

Предоставьте подробную информацию и подтверждающие документы о предварительных результатах отбора проекта ГЧП.

Uzbekistan Project Concept Report enabling prioritisation of investment

SOURCE
English ▾ | Pazzag Hasanov | Pipeline | ? | ↻

My Projects
Ministry of Finance UZB projects
Ministry of Finance UZB knowledge

List
My Feed
Dashboard
Reports

🔍

Filters (10 projects)
USD ▾
Show: Assessment Report (Project Concept Form ▾)

Edited on 06-Dec-2024 14:12 by **Ministry of Finance UZB**

Project	Project Status	Subsector	CAPEX	Status
241023 TEST BRT UZB	Project preparation	Bus Rapid Transit	0 k USD	--
BETA Solar UNCITRAL 20241024	Project preparation	Solar Array	200 M USD	Approved
BRT Line 4 Extension - Phase 1	Construction	Bus Rapid Transit	123.5 M USD	--
Bukhara BRT line 5	Project preparation	Bus Rapid Transit	5.7 M USD	Approved
LRT Line 3 - Amir Temur Street	Project preparation	Light Rail Transit	234.6 M USD	--
New Generation Hospital	Tender Process	Hospital	140 M USD	Not approved
Solar Plant Network - Kaftarkhona	Operation and Maintenance	Solar Array	456.8 M USD	--
Waste Water Treatment Plant - New Green Plan	Operation and Maintenance	Waste Water Treatment	380 M USD	Approved
Wind Farm Samarkand	Project preparation	Wind Farm	2,000 M USD	On hold

Pipeline

Pipeline

powered by 

Show entries

Search:

Name	Sector	Subsector	Location	Status	Publication
150 MWt solar photovoltaic power plant in Namangan region	Energy	Solar Array	Uzbekistan / Namangan	Project Definition	2022-12-06
13 public schools in Tashkent city and Tashkent region	Social Infrastructure	School	Uzbekistan / Tashkent	Project Definition	2022-12-06
Radiotherapy medical centres in Fergana, Khorezm and Samarkand regions	Social Infrastructure	Hospital	Uzbekistan / Fergana, Samarkand, Khorezm	Project Definition	2022-12-05
Multiprofile hospital in Fergana region	Social Infrastructure	Hospital	Uzbekistan / Fergana	Project Definition	2022-12-02
Modernization and management of heating supply system in Tashkent city	Urban Services	District Heating (Cooling) Network	Uzbekistan / Tashkent	Project Preparation	2022-12-02
Hemodialysis service centres in Khorezm, Tashkent and Karakalpakstan	Social Infrastructure	Hospital	Uzbekistan / Tashkent, Karakalpakstan, Khorezm	Project Definition	2022-12-02
Establishment of hospitals in Andijan and Bukhara regions - ADB	Social Infrastructure	Hospital	Uzbekistan / Andijan, Bukhara	Project Definition	2022-12-02
Dormitories for higher educational institutions in Tashkent - EBRD	Social Infrastructure	Other	Uzbekistan	Project Definition	2022-12-02

PPPDA PPP pipeline online

<https://www.pppda.uz/en/pipeline-2>

PHASE 2 2024-2025



In January 2023, as part of the wide administrative reforms by the Uzbek government, the PPPDA was restructured under the Ministry of Economy and Finance (MEF), and amendments were made to the PPP process.



Update of the mechanism and capacity building

FEATURES

Focal Agency

PPP Development Agency

Other key Agencies

Ministry of Finance

Implementing Agencies

Supporting international financial institution

Phase 2: SECO/EBRD

Scope

Update the national governance mechanism

New training program

Key Objectives



Update the existing SOURCE timeline according to the changes highlighted by the resolution 702. The Project Concept Form will also be updated and revised.



Migrate the Uzbek pipeline of PPP projects online



Provide SOURCE on-site training to the PPPDA new staff, line ministries, local governments.



Design digitalisation of the public investment process in SOURCE to facilitate PPP screening and expand the use of SOURCE to state-budget funded and donor-funded procurement of infrastructure

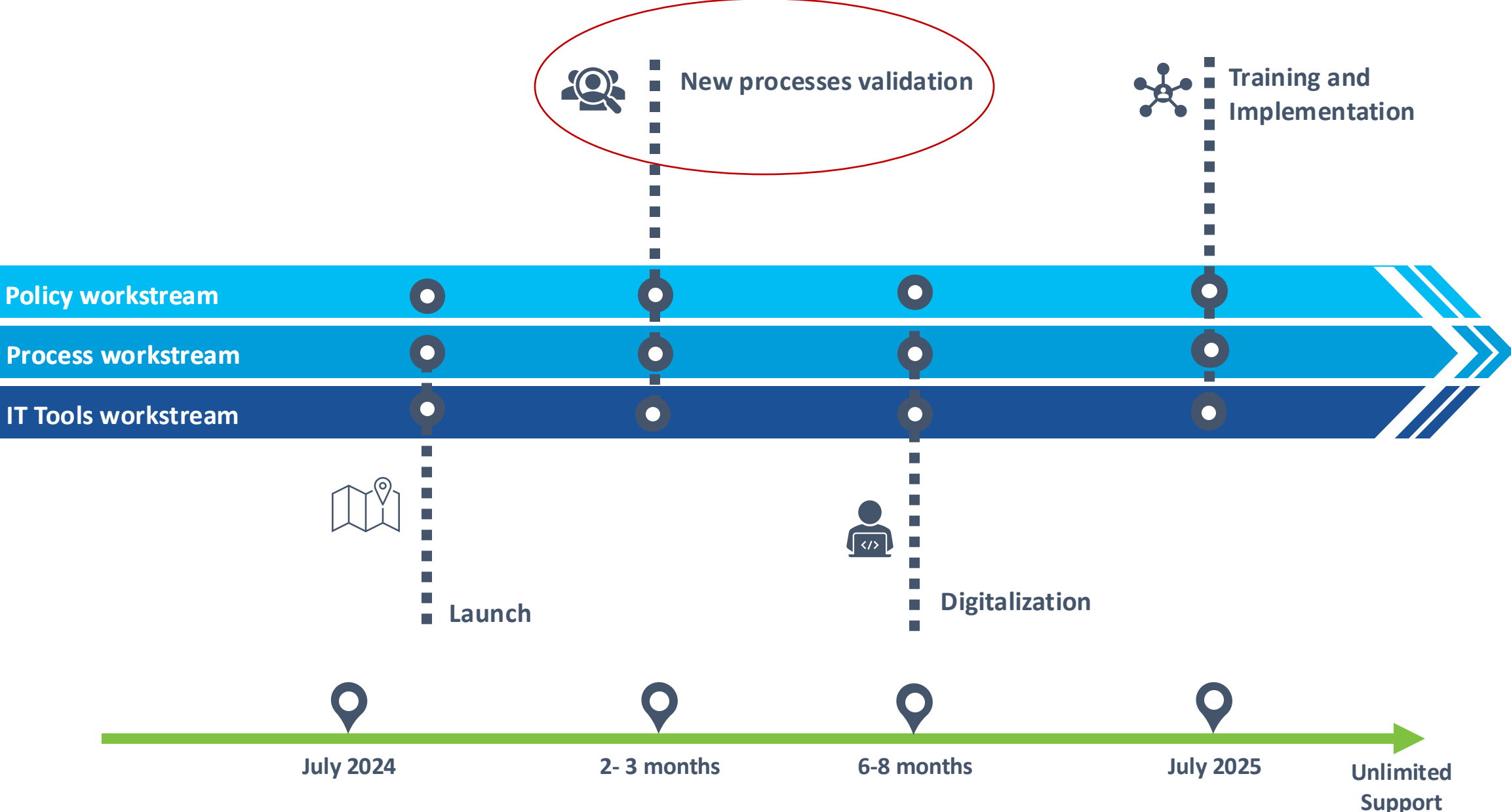


Design the data exchange using Open Contracting Data Standard (OCDS) and connect with the eProcurement portal



Deliver training programme

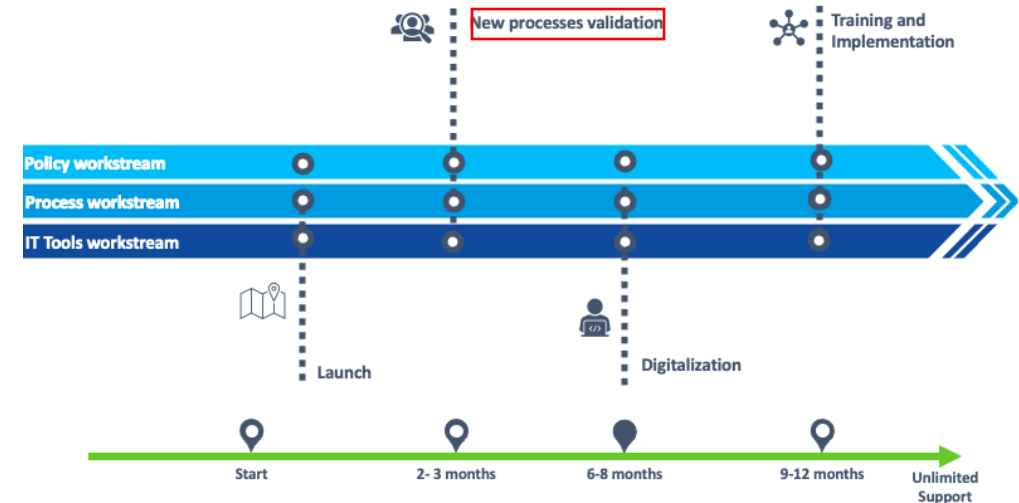
Phased approach



2. New Process Validation (Oct. 2024 – Jan. 2025) Ongoing

- Support of the post-institutionalisation activities.
- Validation by MEF of the new PPP process and evaluation methodology to be digitalised in SOURCE.
- If possible, validation of the traditional procurement process to be digitalised in SOURCE.
- Validation of a SOURCE piloting process with line ministries for traditional procurement.
- Validation of the interoperability between SOURCE and the new PPPDA website and potential data transfer to the e-procurement.
- Validation of the process and content to migrate the new pipeline of PPP projects in SOURCE.
-
-

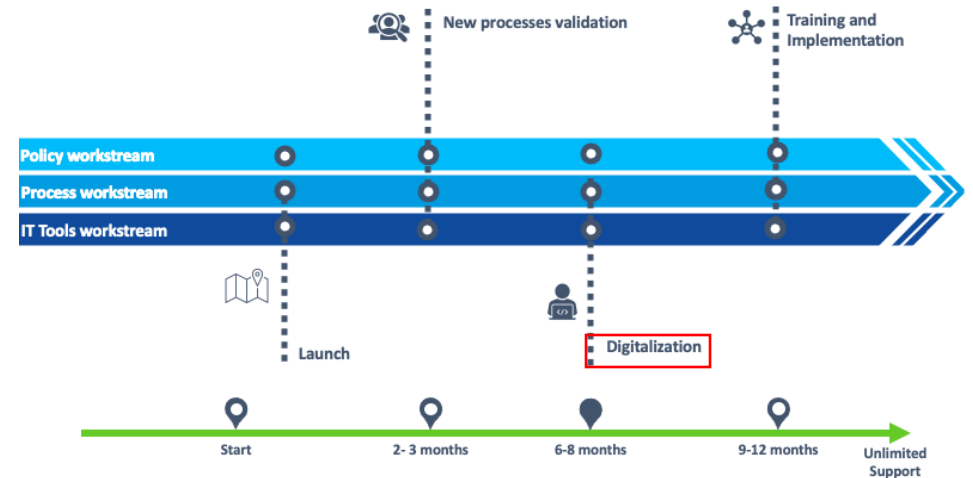
Uzbekistan 2 Integration I Phased approach



3. Digitalisation phase (2025)

- Digitalisation of the new PPP process and project assessment as well as, if approved, the traditional procurement process in SOURCE, i.e.:
 - Preparation and coding of all the adjustments.
 - Deployment on the test platform and testing campaign.
 - Deployment on production environment and testing campaign.
-
- Support of the post-institutionalisation activities.
-
- Define the data and protocol to be made available by the SOURCE API for interoperability.
-
- Preparation of guidelines and related documentation describing the role of SOURCE within the national frameworks and the modalities of its use by government agencies.

Uzbekistan 2 Integration | Phased approach





SMALL
STEPS
LEAD
TO



BIG
CHANGES



Thank You

