



GovStack opportunities for German GovTech Ecosystem

SirLanka Workshop UNDESA, 2023



REPUBLIC OF ESTONIA
MINISTRY OF FOREIGN AFFAIRS



Bundesministerium für
wirtschaftliche Zusammenarbeit
und Entwicklung



digital
impact
alliance

GovStack: Who we are

GovStack

GovStack is a multi stakeholder, community-driven initiative, focused on accelerating national digital transformation worldwide, and drawing on expertise from contributors across the private sector, civil society, and governments all over the world.

The initiative was founded by the International Telecommunication Union (ITU), Estonia, Germany, and the Digital Impact Alliance at the United Nations Foundation in 2020.



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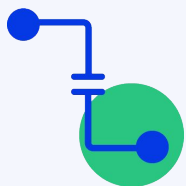
Bundesministerium für
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Countries struggle with the digitization of their public services for several reasons



SILOES

Siloed investments and duplicative efforts by development partners promote fragmented digital governance and silos in partner countries.



FUNDING

Challenges in procuring and implementing affordable IT solutions persist, as do challenges in creating the necessary capital to invest in ICT infrastructure projects.



SCALING

Huge challenges exist in adapting and investing in projects at scale, particularly around the rollout of physical ICT infrastructure, the deployment and use of common data platforms.



COORDINATION

Problems in coordination commonly occur in aligning ICT ministry work with that of other agencies.

Designing e-government services with generic Building Blocks

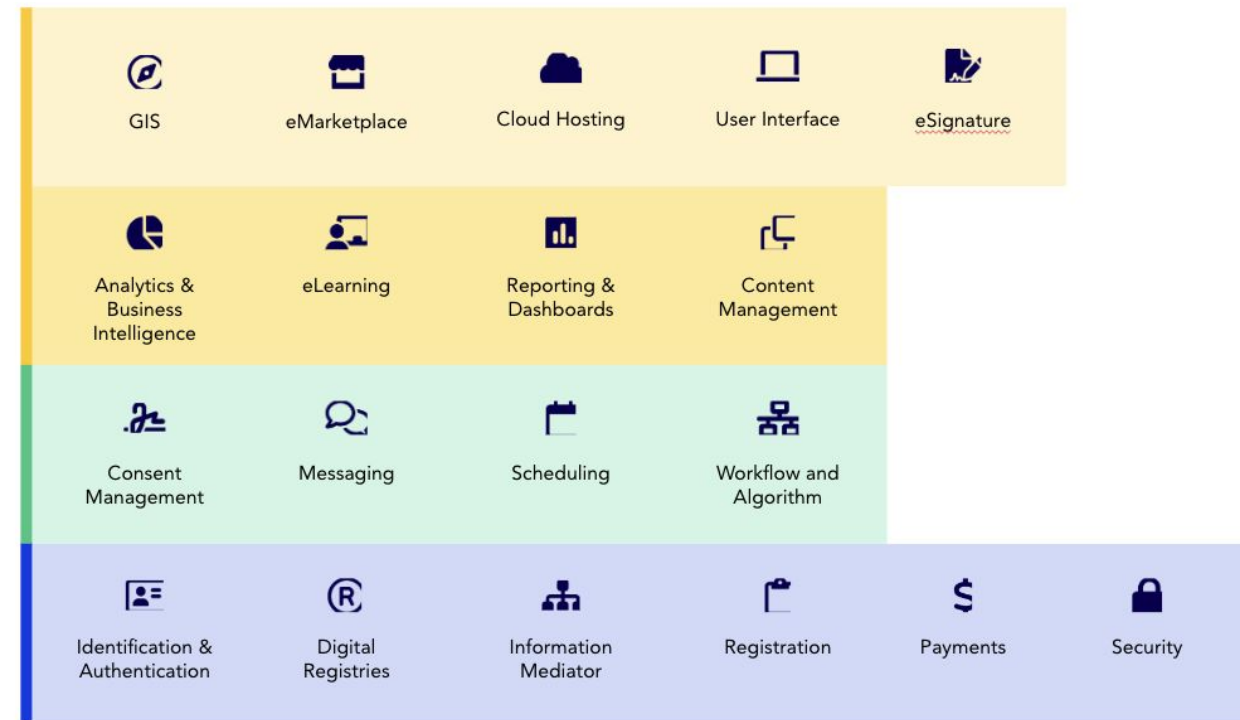
What are *Building Blocks*?

Generically-defined software components that in combination provide key functionalities to facilitate generic workflows common across multiple sectors.

What are their characteristics?

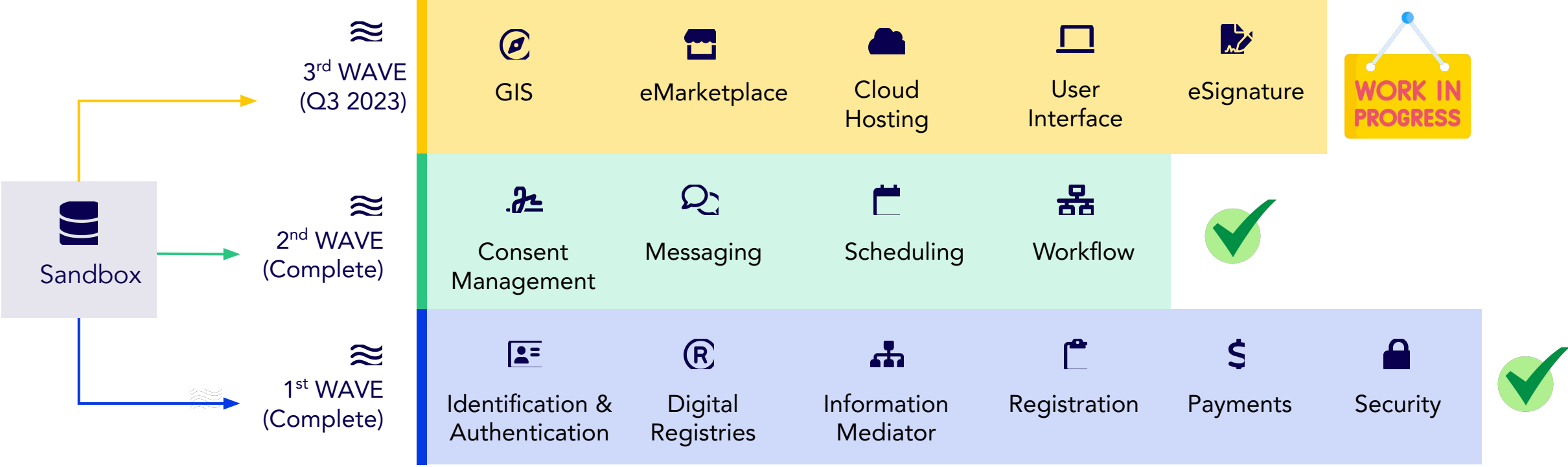
- Reusable software components
- Open-source, commercial off-the-shelf (COTS), or freely available with open access to data
- Facilitate one or more generic workflows
- Applicable to use cases across multiple sectors
- Interoperable with other Building Blocks

GovStack *Building Blocks* set

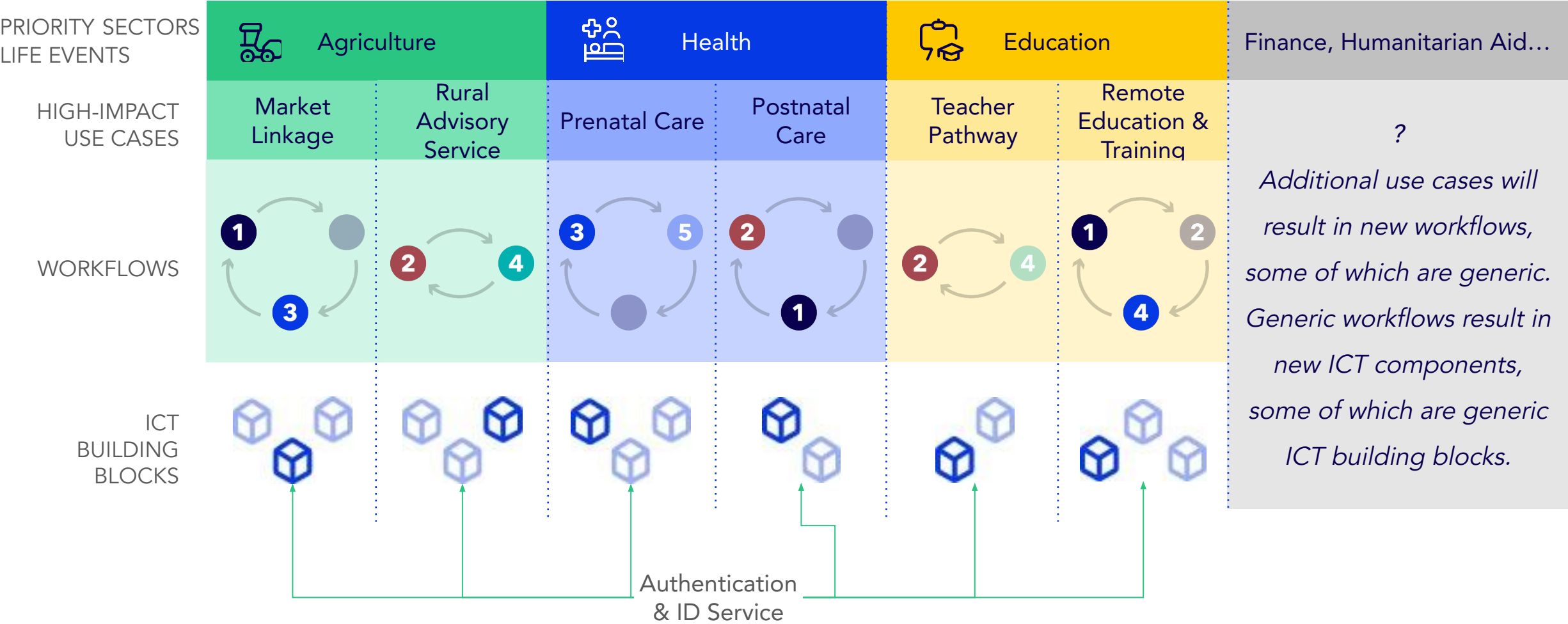


[refer to: Building Blocks section of [Govstack.global](https://govstack.global)]

GovStack Building Blocks are released in waves:



Building Blocks can be applied across many sectors to support high-impact use cases



Together, Digital Public Goods and Building Blocks enable Digital Public Infrastructure (DPI)

Digital Public Infrastructure
Solutions and systems that enable essential, society-wide functions and services

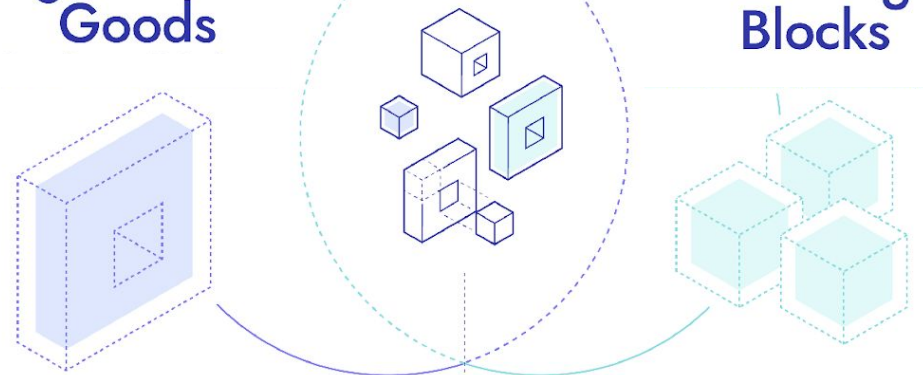
DPGS AND BUILDING BLOCKS CAN BE IMPLEMENTED AS PART OF A COUNTRY'S DPI

Open license, SDG relevant

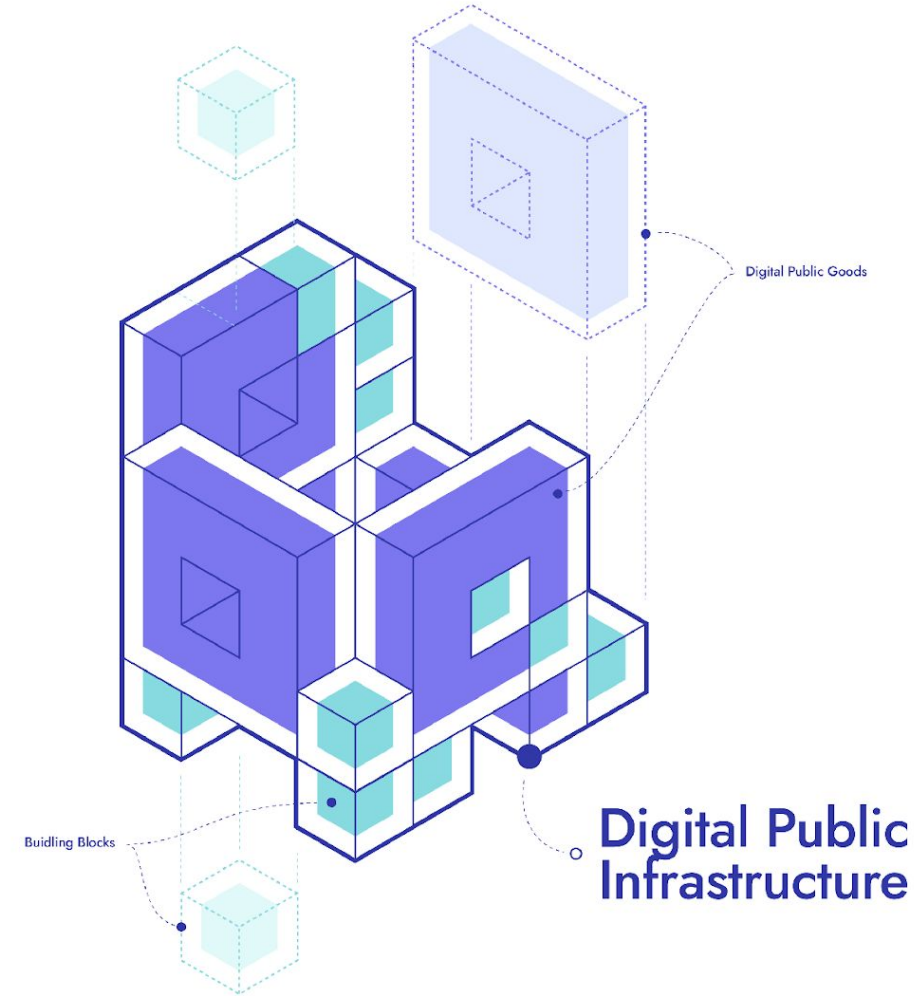
Interoperable, generic component

Digital Public Goods

Building Blocks



Interoperable open source solutions that are relevant to the SDGs and have generic components may be both Building Blocks and Digital Public Goods



We are building the global toolbox for e-government

GovStack



GovSpecs

Take the guesswork out of building your stack.

We'll give you the Building Blocks to ensure your stack is scalable, optimized for innovation, and built to last.

Specifications ready :

ID, Payments, Registration, Registries, Information Mediator, Security, Architecture, Scheduling, Messaging, Workflow, Consent

Q3 2023: e-Signature, e-Marketplace, UX/UI, GIS, Cloud & Infrastructure



GovTest

Jump in the sandbox to experiment and create.

A digital testing environment to learn, experiment, and prototype services based on Building Blocks.

Q3 2023: GovStack Sandox with 4 govStack compliant Building Blocks: Information Mediator, Consent, ID & Payments
Other DPGs: eRegistrations from UNCTAD and Ukraine and workflow from DIGIT India



GovLearn

The global knowledge hub for e-government.

Join one of our Communities of Practice (like the CIO Digital Leaders Forum) to be on the cutting edge of digital government with best practices and tools.

Ready: GovStack implementation playbook

Q4: GovStack LMS in Atingi

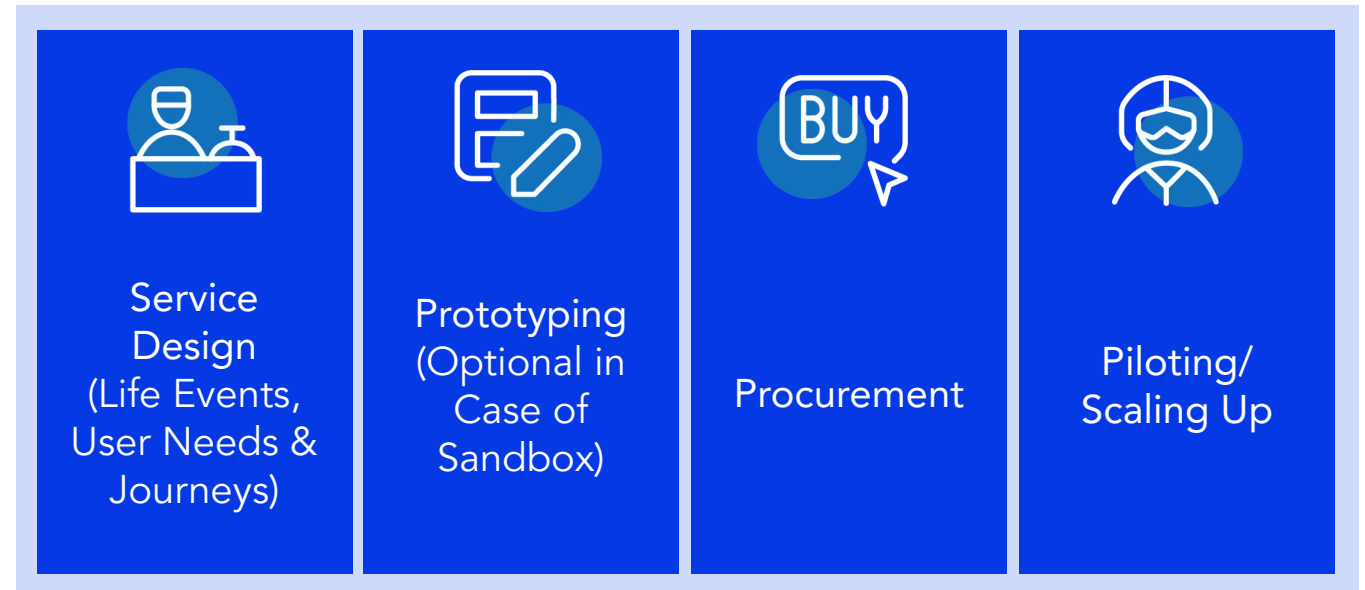
GovStack implementation framework aim to build capacity in digital teams to implement a BB approach



GovStack can be incorporated into policy



GovStack can guide service design, prototype & scaling



←----- Capacity building & community engagement -----→

←----- Countries can engage with GovStack team -----→

Country Engagement updates in focus countries: Use cases prioritized

Government services have been identified through a collaborative effort including government representatives, the GovStack global & country teams as well as tech experts from the ecosystem during in-country workshops

DJIBOUTI

(co-financed by the EU)



Prioritized use cases

- eCabinet
- Construction permits

Activities

- Engagement with country team
- Use case prioritization evaluation finalized
- Service Design approved
- Implementation ongoing

EGYPT



Prioritized use cases

- The Super Mom Use Case bundle

Activities

- High-level launch event
- Fit-Gap Analysis of GovStack Specifications

RWANDA



Prioritized use cases

- E-waste management
- Assessment of GovStack Workflow BB for Rwanda Stack

Activities

- Identification of missing building block in Rwandan Stack (workflow management)
- Identification of e-waste EPR use case
- Service Design approved
- Implementation ongoing

UKRAINE



Activities

- Supporting Ukraine to globally provide eGov products as DPGs
- Ukrainian products GovStack compliant & part of the stack

KENYA & SOMALIA

(co-financed by the EU)



Activities

- In-Country Kick-Off
- Use case prioritization on going

How to read the Playbook on Gitbook:



The screenshot displays the 'GovStack Implementation Playbook' on Gitbook. The left sidebar contains a navigation menu with the following items: GovStack Overview, Implementation framework, Govstack design principles, Context & assessment, Adopt GovStack approach, Reference Architecture, One-stop-shop, Service prioritization, Design & Delivery (expanded), **User Journeys** (selected), Wireframes, Prototype, Launch the service, Scaling strategy, Use cases, BB specifications, Sample Digital Team Composition, and Powered By GitBook.

User Journeys



Version for TAC Review October 2022

Understanding who we are solving a problem for is important for creating user-centric digital services. An 'As-Is' user journey can help identify touchpoints, inefficiencies, pain points, opportunities for improvement and can inform the design of a 'To-Be' user journey that represents the desired state of the user experience after changes have been made.

USER JOURNEY

DEFINING USER NEEDS

- Defining the key users.
- Describing the (current) key steps in the process.
- Empathizing with the users.
- Identifying user pain points.
- Service mapping within User/Business Life event.
- Demonstrating how users interact.
- Organizing and distinguishing users.

AS-IS  **TO-BE** 

ACTIONS

TOUCH POINTS

PAIN POINTS

PRESENT BUILDING BLOCKS

FUTURE BUILDING BLOCKS

- Opportunity for simplification
- Present systems
- Legal justifications

German GovTech ecosystem can leverage GovStack resources to help governments:



Implement GovStack

Develop reference implementation use cases in any level of government (National, Regional, Municipal)



Technical Contribution

Develop and review Building Block specifications in GovStack working groups



Learning and Exchange

Share best practices in our GovStack communities of practice and exchange formats





Join us!

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