GovStack

Streamlining countries digital transformation through GovStack

Diverse but united by the same goals

Increase the speed of service delivery

Avoid duplication of efforts, reduces cost to develop new e-gov. services

Provide a connected, consistent and seamless user experience

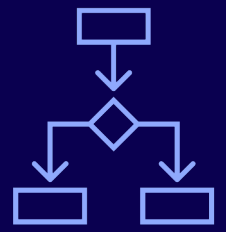
Design and deliver new services quickly to respond to needs

Enable integrated transactions and exchange of information across other equivalent systems

Enable aggregation of big data for richer insights that would help improve the policymaking process

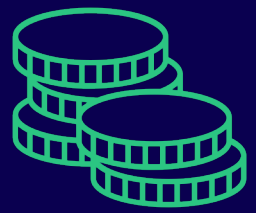
Minimize vendor ‘lock-in’ and allow independent services to run without impacting overall experience

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.

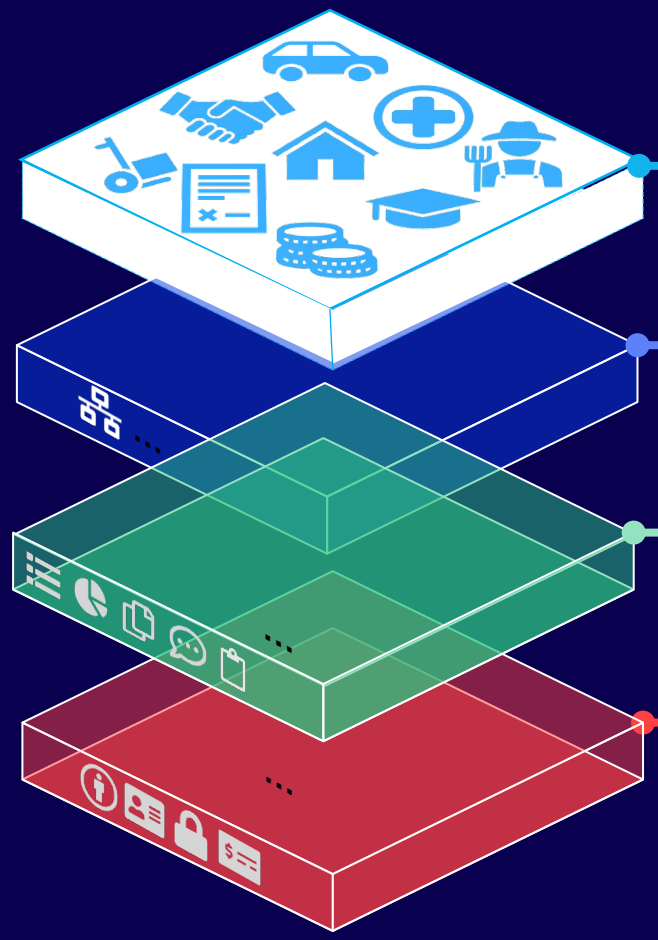
Scaling

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**.

GovStack's Whole-of-Government approach

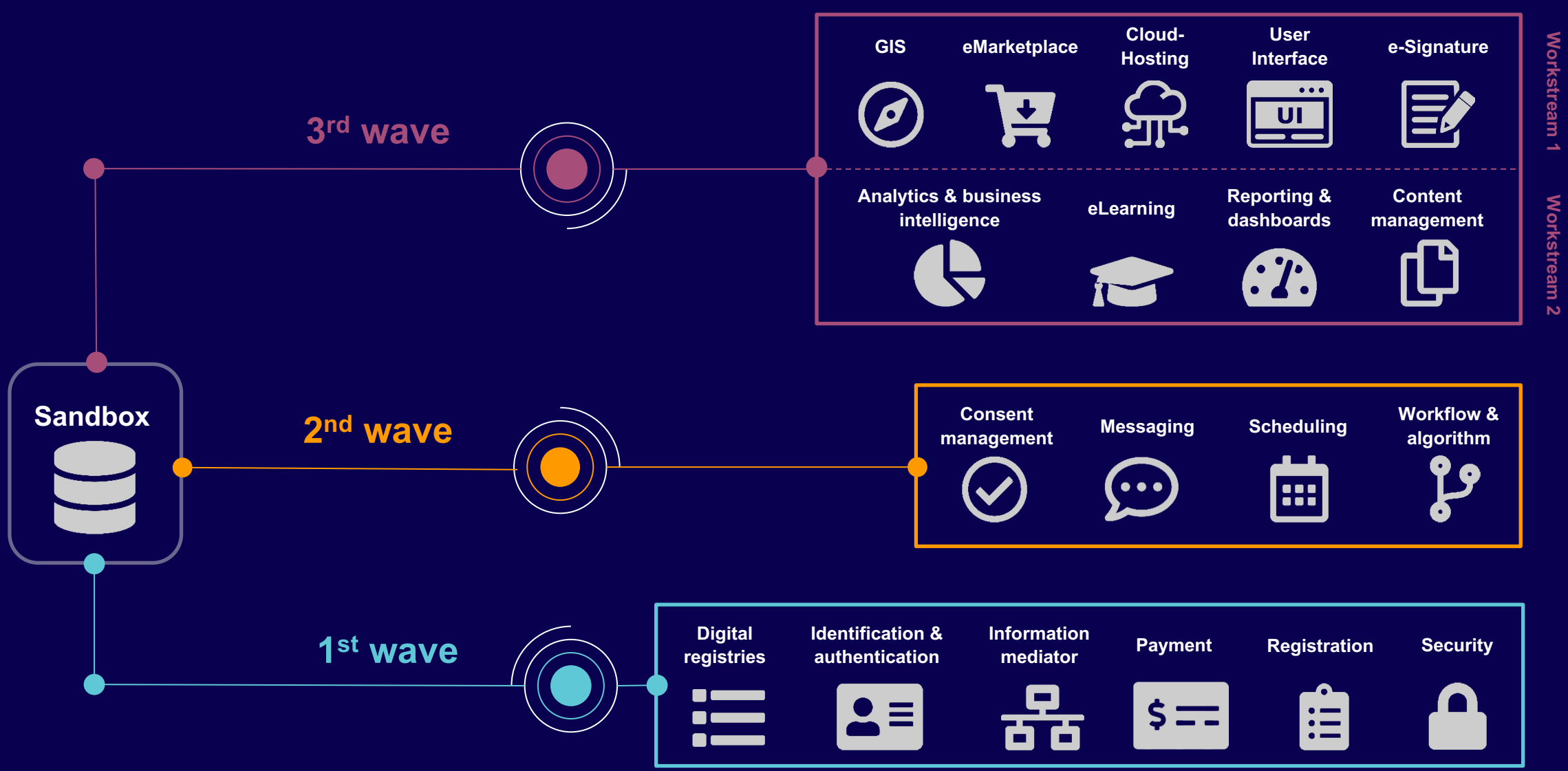


Adaptive shared citizen-centric e-gov. services
facilitated by a service-oriented architecture

Mediation middleware
Open API Gateway, secure data exchange

Common Applications *Blocks*
e-Learning, e-Marketplace, Business Intelligence / Analytics, Workflow, etc.

Foundational *Blocks***
Identity/Authentication, Security, Consent, Payment, Registration, Messaging, etc.
*** Digital Public Infrastructure (DPIs) considered part of this foundational layer*


Sandbox
3rd wave
2nd wave
1st wave
GIS
eMarketplace
Cloud-Hosting
User Interface
e-Signature
Analytics & business intelligence
eLearning
Reporting & dashboards
Content management
Consent management
Messaging
Scheduling
Workflow & algorithm
Digital registries
Identification & authentication
Information mediator
Payment
Registration
Security
Workstream 1
Workstream 2

Get familiar with the first & second wave of BB Specifications

GovStack | Develop... | GovStack Home | Give Feedback | Search... ^K

- GovStack
- Contributing
- Code of Conduct
- Architecture and Nonfunctional Requirements
- Security Requirements

BUILDING BLOCKS

- About Building Blocks
- Information Mediation
- Registration
- Digital Registries
- Identity
- Payments
- Consent
- Workflow
- Messaging

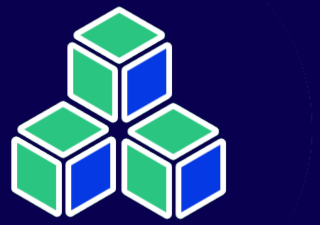
Powered By GitBook

GovStack

The GovStack initiative aims to build a common understanding and technical practice on fundamental reusable and interoperable digital components, which we collectively refer to as Building Blocks. Our effort is expert-driven and community-based, and includes the participation of multiple stakeholders to bring together expertise for strengthening a government's cross-agency architecture view.

Our focus is to enable countries to kickstart their digital transformation journey by adopting, deploying, and scaling digital government services. Through the digital "building blocks" approach, governments can easily create or modify their digital platforms, services, and applications by also simplifying cost, time, and resource requirements.

GovStack develops a stack of tools and practices for eGovernment services.



Building Blocks

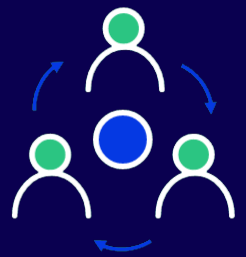
- Develop functional specifications for foundational building blocks
- Match products against specifications
- Provide building block products on a marketplace

Sandbox Environment

- Develop a virtual testing ground for building blocks
- Create prototypes for eGovernment services
- Accelerate creation of eGovernment services

Country Implementations

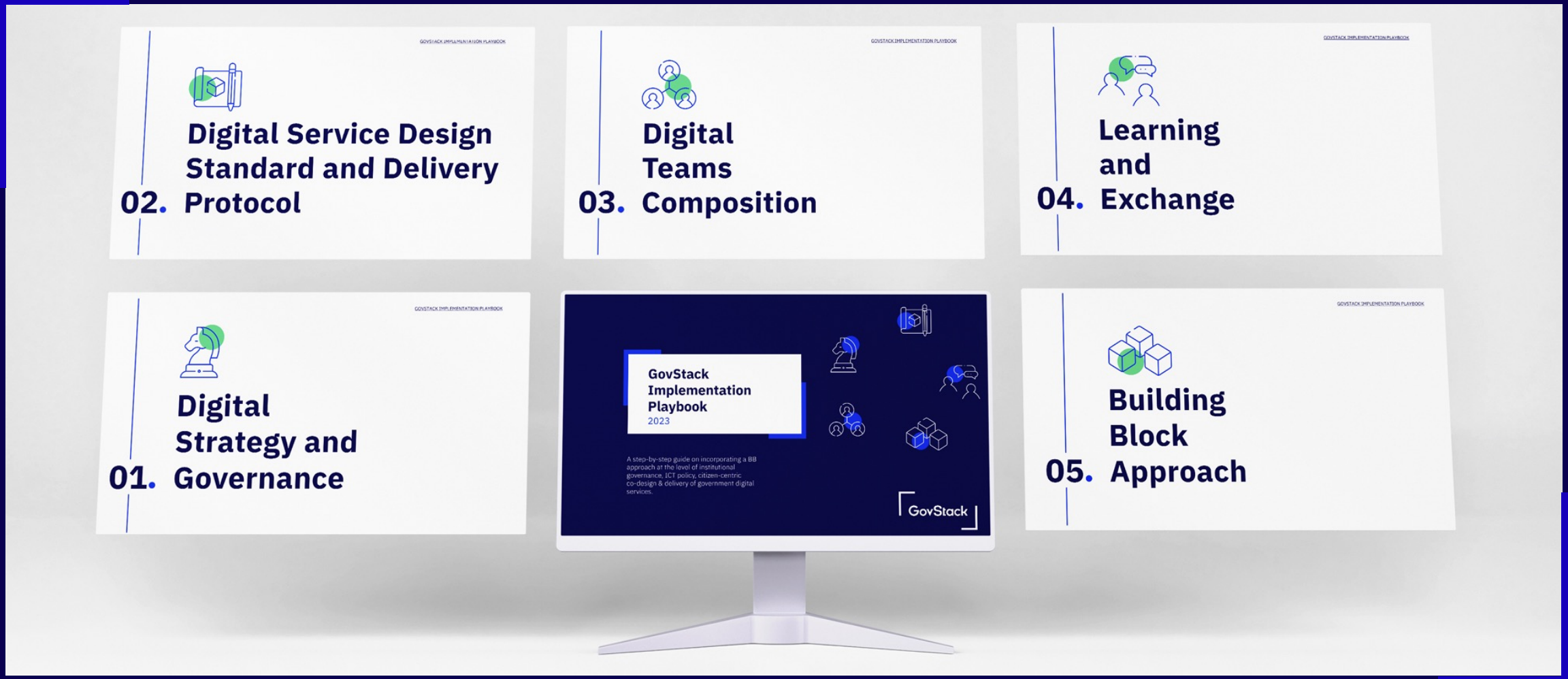
- Support countries in using building blocks in their digital strategies
- Support prototying of eGoverment services
- Strenghten local digital capacities



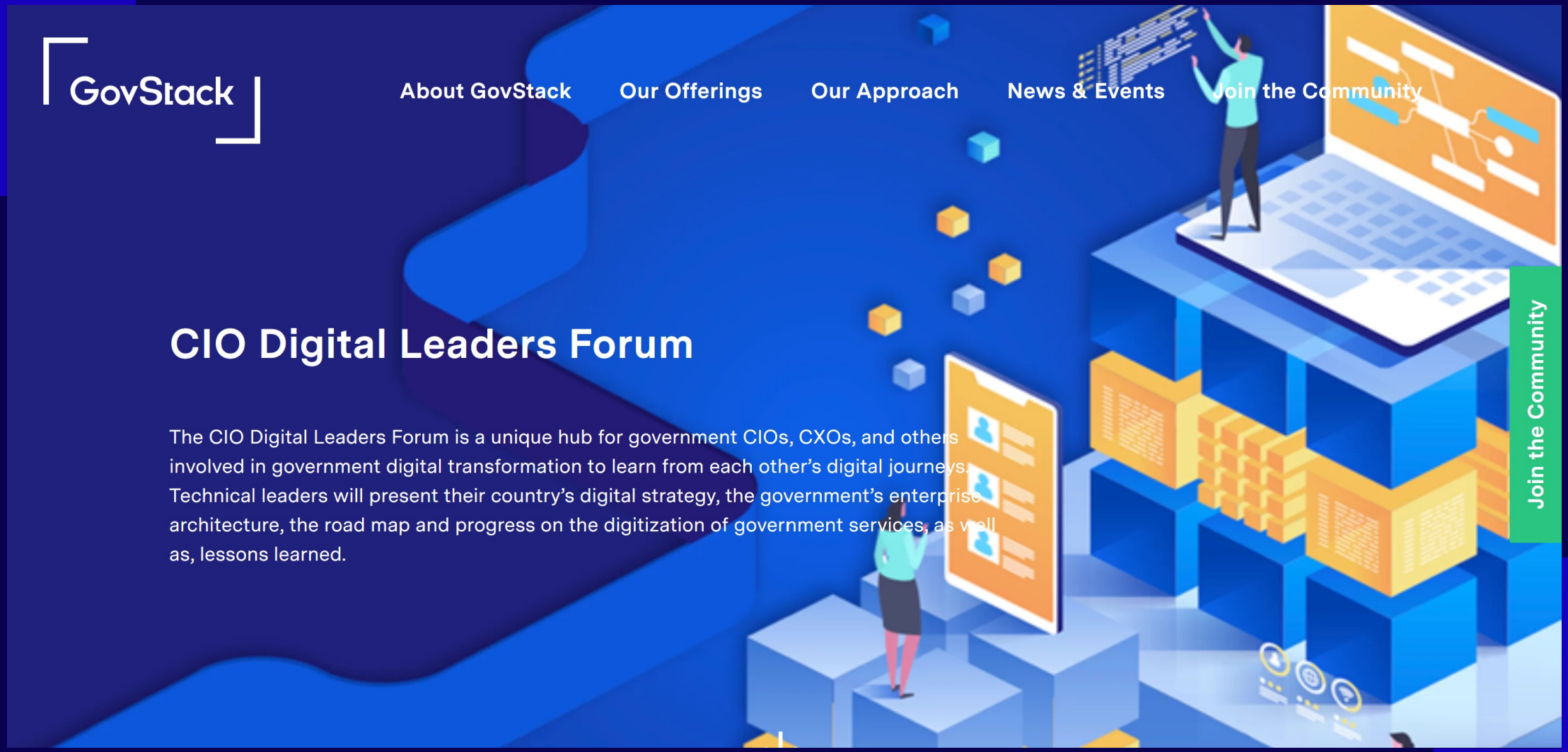
Communities of Practice

- Create a dynamic GovStack community
- Engage the open source ecosystem
- Enable exchange between policy makers on using building blocks

Discover our GovStack Implementation Playbook



GovStack CIO Leaders Forum



Become part of the GovStack Initiative!

Piloting of digital government use cases

Use case **prioritization evaluation**

Identification of the **ideal pilot** use case, such as digitization of birth certificates

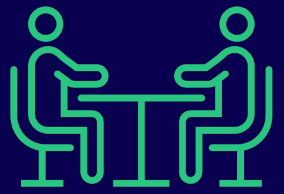
Development of a **technical prototype**

Technical adaptation of government building blocks

Strengthening country local capacity

Workshops and **e-learnings** on GovStack topics such as:

- e-government building blocks
- Prototyping
- Whole-of-government approach
- Digital change management

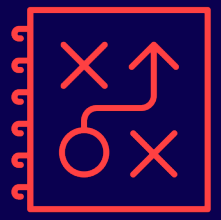


Participation in Communities of Practice

Set up of regional HoA Communities of Practice

Participation of HoA stakeholders in existing GovStack Communities of Practice

Regular contribution of HoA expertise through sharing best practices



Developing digital government strategies and roadmaps

Evaluation of the strategic, technical, and regulatory prerequisites to introduce e-services

Develop implementation roadmaps for the introduction of national e-government services

Support both pilot and roll-out phases

Join us!

Contact me:

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