

GovStack

GovStack & Digital Public Infrastructure

May 2023



REPUBLIC OF ESTONIA
MINISTRY OF FOREIGN AFFAIRS

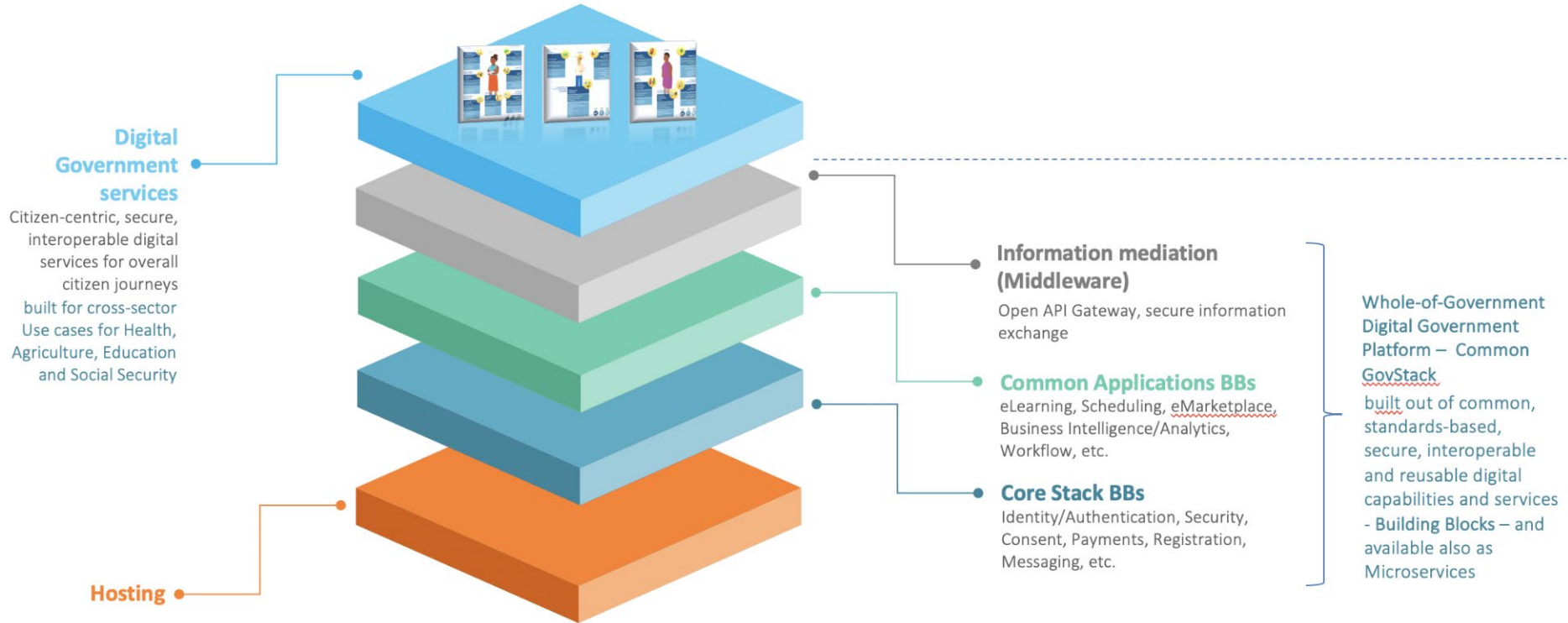


Bundesministerium für
wirtschaftliche Zusammenarbeit
und Entwicklung



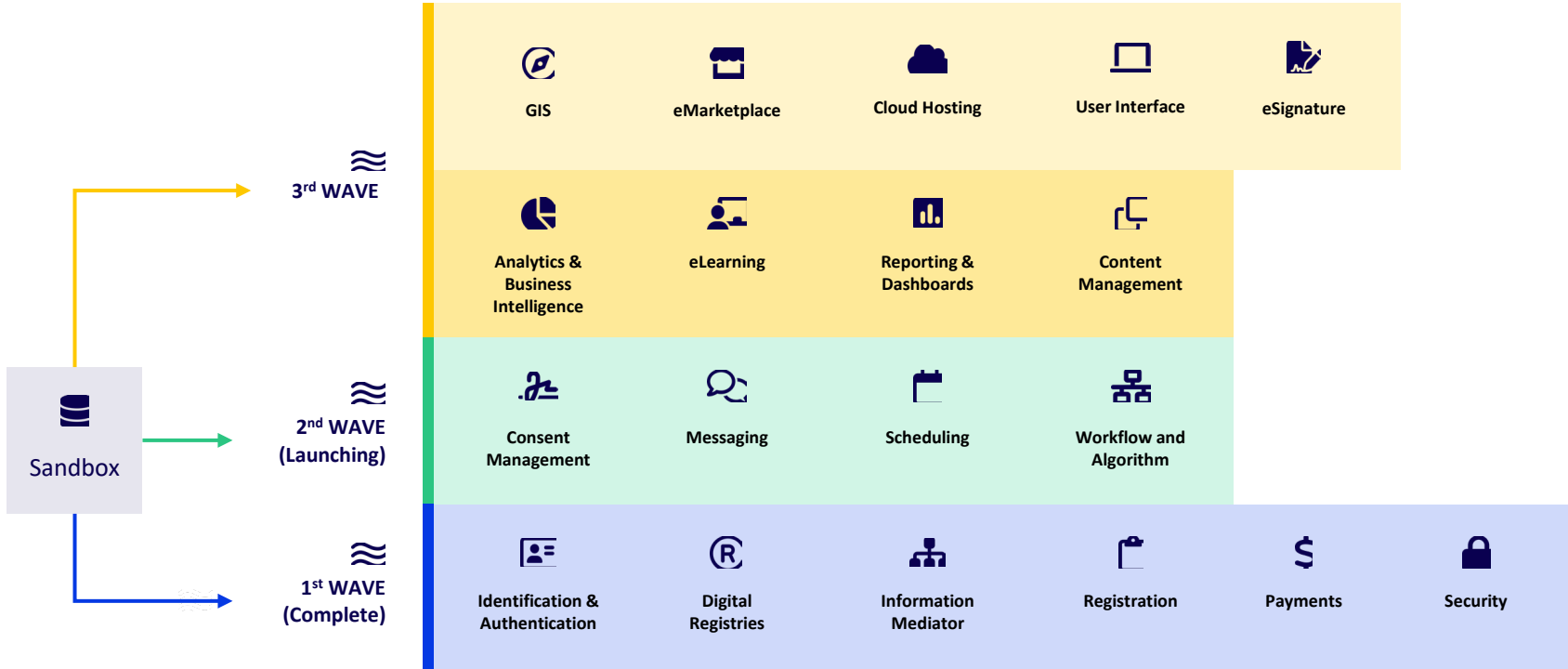
digital
impact
alliance

W-o-G approach overcomes digital transformation challenges by utilizing a common reusable stack of Building Blocks



A W-o-G Digital Government Platform is a “platform of platforms” that can be used by any government agency, department across different sectors to build new government digital services without having to design, test and operate the underlying systems and infrastructure themselves.

GovStack Building Blocks are released in waves



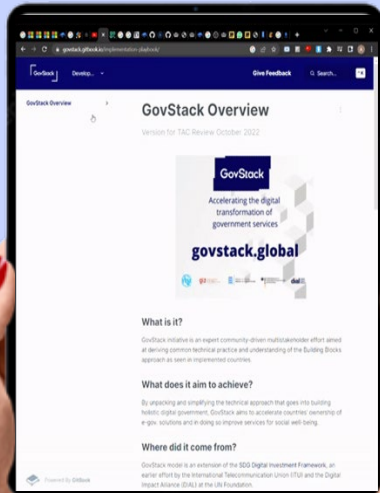
GovStack's Gitbook resources

GovStack



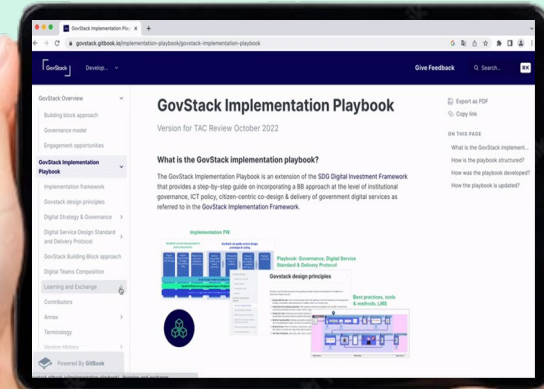
Building Block Tech Specifications

Building blocks (BBs) are reusable & interoperable software modules that can be deployed and combined in a standardized manner.



Country Implementation Playbook

A step-by-step guide on incorporating a BB approach at the level of institutional governance, ICT policy, citizen centric co-design & delivery of government digital services



The GovStack approach has wide-ranging benefits



Speed

Increases speed of delivery by facilitating reuse of core service elements and redirecting resources towards improving citizen outcomes.



Cost-efficiency

Provides common capabilities cross-departments / -agencies which avoids duplication of efforts, reduces cost to develop new e-gov. services.



Real economic return

Provides socioeconomic ROI by enabling faster and closer connections from government to addressing needs of citizens and businesses.



ONE government

Enables service delivery that links and invokes different parts of government, providing a connected, consistent and seamless user experience.



Agility + Responsiveness

Enable governments to design and deliver new services quickly to respond to needs and unexpected circumstances (e.g. global pandemic and disasters).



Integration + exchange

Enables integrated transactions and exchange of information across other equivalent stacks and systems through standards and open APIs.



Harmonized policies

Opens possibilities for aggregation of big data for richer insights that would help develop better nonconflicting policies and monitor operations.



Minimized vendor lock-in

Minimizes product 'lock-in' and allows independent services to run where modular Building Blocks could be replaced without impacting overall exp.