

interoperable
europe
Academy


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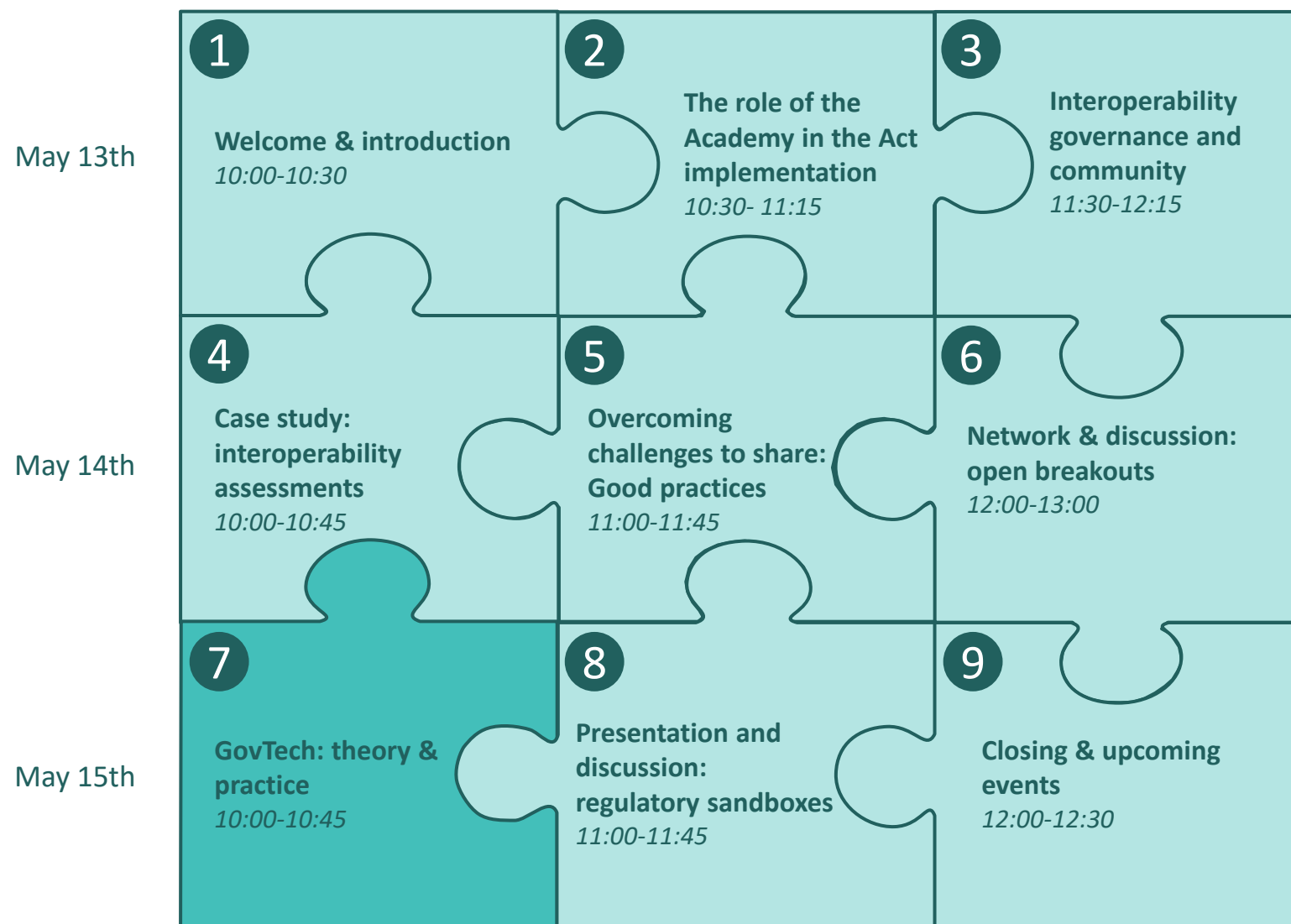
Seasonal School
13-15 May 2025



15th MAY 2025

Seasonal School 2025 GovTech: Theory and Practice

Session tracker



Agenda

01 | IOP ACT AND
GOVTECH

02 | THE DE USE
CASE

03 | AI SANDBOX





GovTech: Theory and Practice

Stefanos Kotoglou

*Programme Manager
European Commission*

**Seasonal School
13-15 May 2025**


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What is GovTech?

‘GovTech’ means technology-based cooperation between public and private sector actors supporting public sector digital transformation

The term GovTech refers to the use of **emerging technologies** and **digital products** and **services** by **government** from **start-ups** and **SMEs** – instead of relying on large system integrators. There are many – oftentimes competing – definitions of the term GovTech.

Despite this diversity, most definitions share the following three common elements:

- the public sector engages with **start-ups** and **SMEs** to procure innovative technology solutions,
- for the provision of **tech-based products** and **services**,
- in order to **innovate** and **improve public services**.

slido

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How do you feel when you hear the word 'GovTech'?

① Start presenting to display the poll results on this slide.

The Interoperable Europe Act

Recognised reusable interoperability solutions

European Interoperability Framework, Interoperable Europe solutions,
Mandatory share and reuse, Interoperable Europe Portal



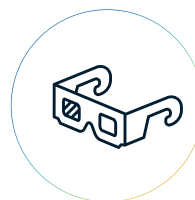
Strengthened interoperability support

GovTech and interoperability regulatory sandboxes, Policy
implementation support projects, trainings, peer reviews



Structured and co-owned EU cooperation

Governance (Board, Community, national competent
authorities, coordinators), Interoperable Europe
Agenda, Monitoring



Digital-ready policymaking and interoperability-by-default

Mandatory interoperability assessments

the GovTech ecosystem

Public Sector Tech Watch

a central **observatory** for citizens, policy makers etc. to gain visibility of the use cases on emerging technologies, and to share and promote their own cases.

GovTech Connect

a community that brings together GovTech actors for seizing opportunities, mitigate risks and share experiences. The community provides further support by creating guidelines and studies to further support the GovTech actors.

GovTech4all Incubator

a testing arena that provides the opportunity to public administrations to experiment, test and pilot GovTech solution in safe environments and sandboxes

interoperable europe Act

The Interoperable Europe Act supports the investment in innovation support measures (Article 10) with the creation of a GovTech community and platform for promoting use cases and best practices. It also encourages the experimentation and participation in interoperability regulatory sandboxes (Articles 11, 12) for testing and validating Interoperability solutions.



GovTech: Theory and Practice

Yannic Plumpe

*Fellow for International Digital Policy
German Ministry for Digital and Transport
(BMDV)*

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Why GovTech?

Why GovTech?

1

DESI Index

Germany ranks average in the DESI Index but aims to leap ahead.

2

Innovation and Modernization

Modernization of the State top priority of the new Government.

3

Competitiveness

“The future competitiveness of all sectors of Europe’s economy depends on these advanced digital network infrastructures and services [...]”

4

Deliver better Public Services

The concept of infrastructure has evolved through digitalization.

Use Case: GovTech Campus Deutschland

GovTech	Campus
Deutschland	



Co-Ideation

Creating knowledge platforms where key actors jointly tackle public sector innovation through tech, law, and policy expertise.



Co-Creation

Providing the infrastructure for public innovation by connecting the right GovTech actors to turn ideas into real-world solutions.



Co-Learning

They drive digital transformation in government by connecting public institutions with the GovTech ecosystem through fellowships, briefings, and shared learning formats.

Network Structure

GovTech	Campus
BW	

Regional

The GovTech Campus Baden-Württemberg drives public sector innovation through regional collaboration.

GovTech	Campus
Deutschland	

National

The GovTech Campus Deutschland drives public sector innovation through federal collaboration.



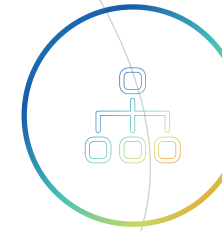
International

The GGTC is a pioneering initiative linking national GovTech ecosystems with global experts to shape and inspire GovTech agendas.



Physical Space

The physical space as the foundation for collaboration.



Cultural Space

The cultural space that surrounds and connects everything.



Digital Space

The digital space as an abstract layer enabling new forms of interaction.



What has been accomplished? (Selection)

GovTech Campus
Deutschland, STACKIT and
Aleph Alpha create a
platform for AI applications
for the German
administration: New F13
goes live in Baden-
Württemberg

25.07.24 / 5'

F13

[Press Release](#)

With the new F13, employees of the state administration receive an AI assistant system that supports and eases their daily work.



Pressemitteilung

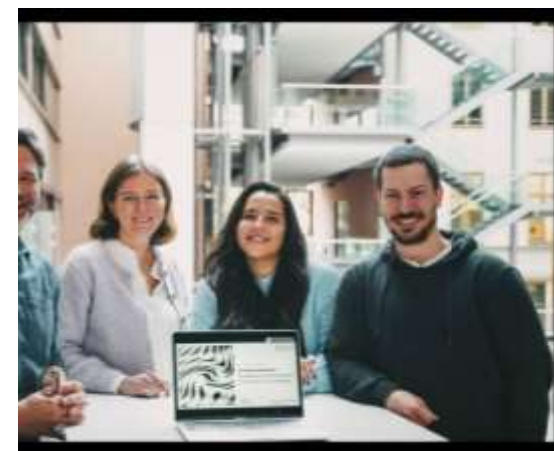
MEDI:CUS: Baden-Württemberg baut Europäische Gesundheits-Dateninfrastruktur

Das Land Baden-Württemberg beauftragt den GovTech technischen Plattform MEDI:CUS- Gesundheitscloud

MEDI:CUS

[Press Release](#)

The cloud-based platform MEDI:CUS connects university hospitals, clinics, and, looking ahead, medical practices and patients, thereby taking medical care and research to a new level.



AI Impact Assessment

[LinkedIn](#)

We conducted a live digital AI impact assessment for over 120 public sector employees from across Germany and all levels of government, local, national, and federal.



GovTech: Theory and Practice

Alex Borg

*Project Manager and Research Associate
The Lisbon Council*

**Seasonal School
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GovTech: Theory and Practice

Alessandro Paciaroni

*Public sector innovation expert
The Lisbon Council*

**Seasonal School
13-15 May 2025**


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Agenda

01

WHAT IS
GOVTECH4ALL

02

WHO IS
GOVTECH4ALL

03

HOW IS
GOVTECH4ALL
IMPLEMENTED



What is GovTec4All

What is GovTech4All

GovTech4All is **defined by the challenges** Europe must urgently address.



Interoperability is not optional



Digital public services lag behind



Infrastructure is the backbone of the digital transition



European Competitiveness



What is GovTech4All

A Prototype for the Interoperable Europe Act



Interoperability by Design



Building a European GovTech Community



Excellent Digital Public Services



Driving Innovative Procurement



What is GovTech4All

GovTech4All is a **15 million 4 year Project**

Framework Partnership Agreement (FPA):

- Digital Europe Programme with 2 – and likely 3 - **Specific Grant Agreements (SGA)**
- Permanently open for **top-tier GovTech organisation** to join
- Provides continuity and vision for a shared GovTech ecosystem

SGA1:

- 14 partners from 10 countries
- Driving 3 cross-border pilots
- **Timeline:** July 2023 – June 2025

SGA2:

- 21 partners from 15 countries
- Driving 8 cross-border pilots
- Focus on emerging technologies, especially responsible AI integration
- **Timeline:** June 2025 – May 2027



Who is GovTec4All

Who is GovTech4All

A consortium of 32 GovTech organisation from 20 European countries to cultivate a single European GovTech



Belgium

- The Lisbon Council, Coordinator
- Federal Public Service Policy and Support (BOSA)



Denmark

- Technical University of Denmark



Estonia

- Ministry of Economic Affairs and Communications



France

- Direction Interministérielle du Numérique (DINUM)



Germany

- GovTech Campus Deutschland
- GovMind GmbH
- Dataport



Greece

- National Infrastructures for Research and Technology (GRNET)
- Ministry of Digital Governance



Iceland

- The Financial Management Authority FMA



Italy

- Department for Digital Transformation in the Presidency of the Council of Ministers



Latvia

- Digital Accelerator of Latvia (DAoL)



Lithuania

- Innovation Agency



Malta

- Malta Information Technology Agency
- Malta's Digital Innovation Authority



Netherlands

- Digicampus (Stichting ICTU)



North Macedonia

- Ministry of Digital Transformation



Norway

- The Directorate for Administration and Financial Management (DFØ)



Poland

- Fundacja Digital Poland



Portugal

- Beta-I



Serbia

- Office for Information Technologies and Egovernment



Sweden

- Bron Innovation, GovTech Sweden



Ukraine

- Ministry of Digital Transformation
- Ukrainian Startup Fund



Spain

- Centre de Telecomunicacions i Tecnologies de la Informació (CTTI)
- Gobe Studio
- Laz Rozas Innova
- Lantik - Government of Biscay
- Ministry for Digital Transformation and Public Administration
- Municipality of Madrid
- Agency for Technological Modernisation of Galicia (AMTEGA)



Created with Datawrapper



European Commission

Who is GovTech4All

GovTech4All is where **Europe's leading GovTech actors** come together under one roof.



National digital agencies



Top-tier GovTech programmes



Digital innovation hubs



Research Institutes





How is GovTech4All Implemented

How is GovTech4All Implemented

The first round (SGA1) implements **three cross-border pilots**, involving either **private-sector procurement** or **solution reuse** between governments.



Pilot 1 – Secure Information in Cross-Border Data Spaces

- Regular procurement – but ultimately delivered through an open source solution.



Pilot 2 – Obtaining Social Benefits with a Personal Regulation Assistant

- Involves the reuse of France's OpenFisca solution in Greece and the Netherlands.



Pilot 3 – Startup Challenge for Innovation Procurement

- Not piloting a technology, but piloting a methodology: the design contest as an innovation procurement tool.



Join the GovTech4All Community

GovTech4All is **permanently open** to top-tier **European GovTech organisations** – join our **growing community** driving **interoperable, citizen-centric public services across borders**.



Scaling Innovation in the Public Sector

Theme: Empowering startups through partnerships with legacy providers



Super App for North Macedonia

Theme: One stop shop single government portal



Improved Accessibility Assistant

Theme: AI-driven accessibility maps using open data



AI for Automating Evidence Processing

Theme: AI for classifying and validating evidence securely



Public Services Marketplace

Theme: Platform to compare and deploy public digital services



Citizen-Centric Rules as Code:

Theme: Making legislation machine-readable and human-friendly



Simple Intelligent Procurement Pilot.

Theme: AI for drafting and matching public tenders



GovTech AI Sandbox

Theme: Safe experimentation with responsible AI in public services

Policy Brief

Achieving the Digital Double Dividend

How Building a Single Govtech Market Can Deliver Excellent Public Services and Grow the European Startup Ecosystem



By David Osimo and Alessandro Paoloni



<https://lisboncouncil.net/publications/achieving-the-digital-double-dividend/>

Who is GovTech4All

The second round (SGA2) drives **eight cross-border pilots**, each focused on reusability, public-private collaboration, and emerging technologies – especially **responsible AI**.



Contact: Alex Borg
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LinkedIn Page



Find us in the Interoperable
Europe Portal

Govtech AI sandbox



Advancing digital innovation in the public sector

Sandboxing to accelerate digital innovation in the public sector

- How can we bring more emerging technologies and innovation in the public sector?
- How can we address regulatory, processes and behavioral barriers that hinder uptake of technological solutions?
- How can we create digital products that scale beyond one institution?

Pilot Partners



Lithuania



Sweden



REPUBLIC OF ESTONIA
MINISTRY OF ECONOMIC AFFAIRS
AND COMMUNICATIONS

Estonia



Spain



Greece



Greece



Malta



Malta





GovTech AI Sandbox

The GovTech AI Sandbox is an experimentation space designed to **develop reusable digital solutions** and **drive regulatory and other changes** that supports the sustainable integration of emerging technologies within the public sector.

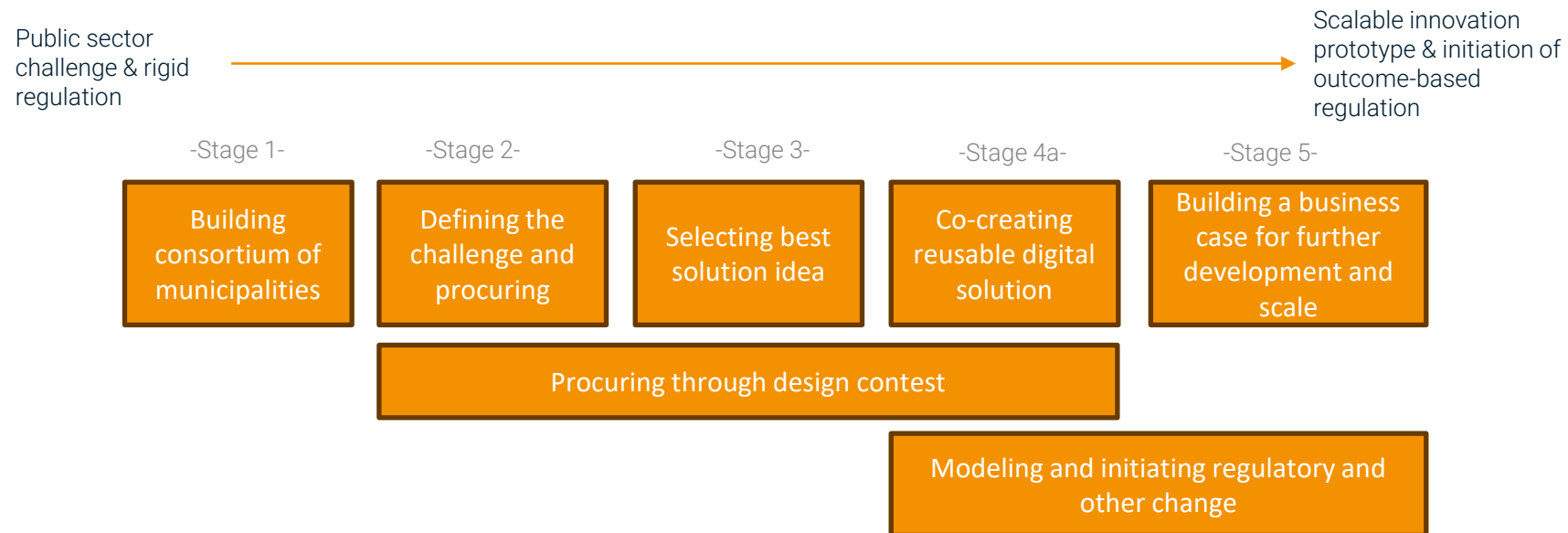
The GovTech AI Sandbox is an experimentation space designed to **develop reusable digital solutions** and **drive regulatory and other changes** that supports the sustainable integration of emerging technologies within the public sector.

Public sector
challenge & rigid
regulation



Scalable innovation
prototype & initiation of
outcome-based
regulation

The GovTech AI Sandbox is an experimentation space designed to **develop reusable digital solutions** and **drive regulatory and other changes** that supports the sustainable integration of emerging technologies within the public sector.



Advancing digital innovation in the public sector

- How can we bring more emerging technologies and innovation in the public sector?
- How can we address regulatory, processes and behavioral barriers that hinder uptake of technological solutions?
- How can we create digital products that scale beyond one institution?

- **By creating safe space and structure for experimentation and ensuring expert support**

- **By collecting evidence of potential of emerging technology and empowering public sector institutions to initiate change**

- **By combining the needs and testing early**



Thank you!

interoperable europe



Stay in touch



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<https://interoperable-europe.ec.europa.eu/collection/interoperable-europe-academy>