

WELCOME

GovTech Connect Assembly

28 NOV · BRUSSELS

With the support of:



Delivered by:



Welcome word from the European Commission



Goran Zeković

Policy Assistant at the DG CONNECT,
European Commission



European
Commission |

European policy landscape for GovTech

2030 – Europe's Digital Decade

A comprehensive framework to ensure that all aspects of technology and innovation work for people

Targets by 2030

- Key Public services: 100% online
- E-health: 100% availability of online medical records
- Digital Identity: 100% of citizens with access to digital ID

Policy programme

Policy agenda to cooperate and monitor the achievements of the targets

Digital Principles

Reflect EU values and promote a sustainable, human-centric vision for the digital transformation

Interoperable Europe Act

Regulation to strengthen cross-border interoperability among European public administrations

Interoperable Europe Board

For the development of a common strategic agenda

Mandatory interoperability assessments

To evaluate the impact of changes in IT systems related to cross-border interoperability in the EU

Interoperable Europe Portal

Community platform for interoperability solutions

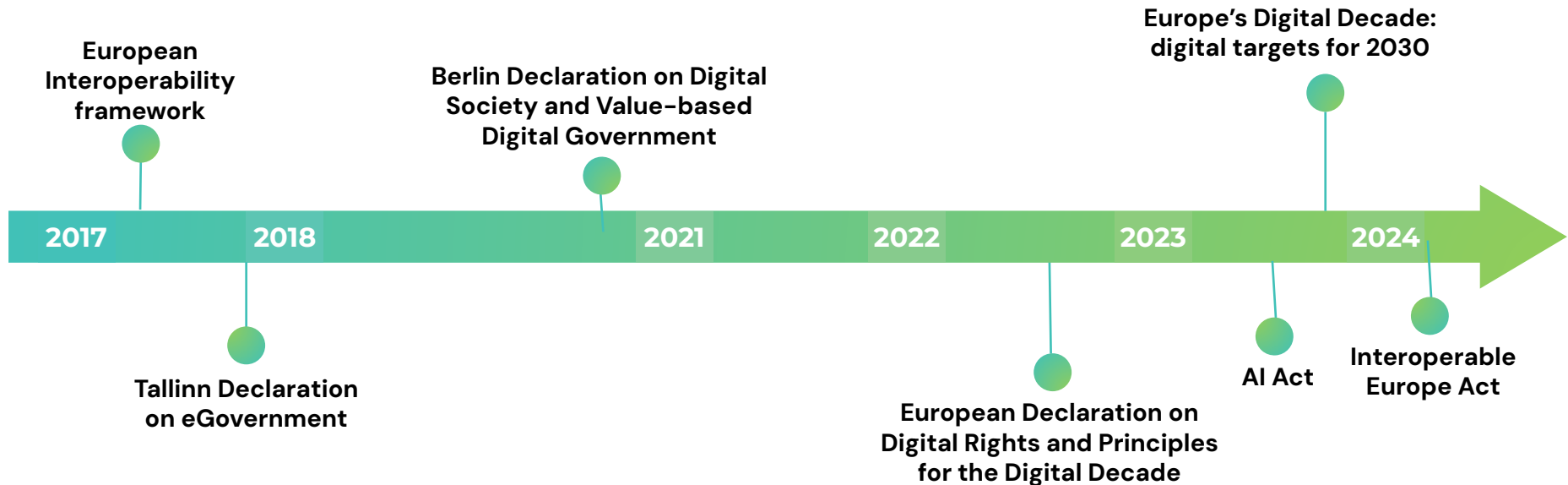
Innovation and support measures

To promote the adoption of interoperability solutions

European Commission focus on human-centricity

GovTech solutions should be targeted on **stakeholders' needs**

Since 2017, many EC policies on innovation promote a user-centric approach:



European Commission GovTech initiatives



GovTech is one solution to enable public sectors across Europe to be **digitised, interoperable and human-centric**

The EC is promoting numerous initiatives for the stimulation of the GovTech Ecosystem:

- **Research studies landscaping GovTech practices in Europe setting the scene** and outlining opportunities, needs and possible directions for the future (JRC)
- **GovTech4all** to foster a favourable *cross-border experimentation environment* for innovative and interoperable by-default public services
- **Public Sector Tech Watch** Observatory, to gain visibility of the use cases of emerging technologies adopted by the Public Sector
- **GovTech Connect** as a **collaborative hub** to boost the GovTech market and foster interaction among different GovTech stakeholders

Welcome word from the GovTech Connect Team

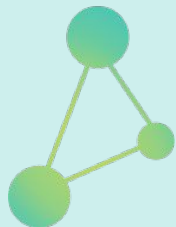


Sara Mancini

Director, *Intellera Consulting*

 **intellera**
Part of **Accenture Group**

GOVTECH CONNECT



*A European Commission
Pilot Project*

intellera
Part of Accenture Group

PUBLIC

theLisborcouncil
think tank for the 21st century

 POLITECNICO
MILANO 1863
DIPARTIMENTO DI DESIGN



European
Commission

What we have achieved



2 Years of GovTech Connect

What is GovTech?

Technologies used by **public authorities** to deliver public services that are **new, innovative and previously untested**. These technologies need to be **scalable** and are usually developed by **SMEs and start-ups**, but they can also be developed by larger businesses, academia, the third sector and internal public sector teams.

Our Objectives



Fostering an
innovation
culture inside the
public sector



Creating and
fostering an EU
GovTech
Community



Identifying new
innovative
environmentally
friendly solutions
that can be reused

GovTech Connect Community



2

**Years
of GovTech
Connect**

1

**Collection on Interoperable
Europe Portal**

360

Community Members

2k

Average Visits per month

3k

Followers on LinkedIn

Boot camps & Startups



2
Years
of GovTech
Connect



4

Boot Camps

3

Pitch Days

53

Participating Startups

1k

Startups¹⁰ mapped in Market
Scanning Report



Research & Foresight Study



2
Years
of GovTech
Connect



1

GovTech Foresight Study

6

Workshops

+50

Experts involved

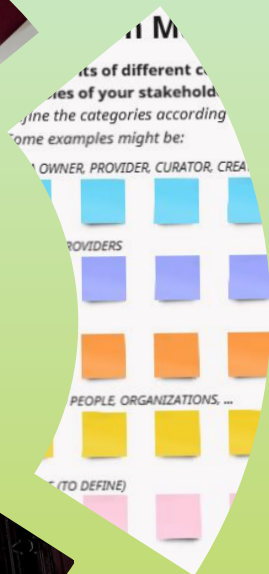
+100

GovTech initiatives mapped

Trainings and Design Thinking Methodology



2
Years
of GovTech
Connect



1

GovTech Reusable Portfolio

2

Courses on EU Academy

4

Boot camps Trainings on
Stakeholder Engagement

150

¹²
Participants to Design
Thinking Workshops

Events & Synergies



2
Years
of GovTech
Connect

2

Informal Workshops with
Key Stakeholders

8

External Events attended

+10

Synergies with other EU
initiatives

+600

Participants¹³ to our
Webinars and Events

What we have achieved



Keynote / The future role of GovTech and the main challenges of tomorrow



Robyn Scott

Co-Founder & CEO, *Apolitical*

apolitical

apolitical

The Future of Govtech

Robyn Scott, November 2024



The Future of Govtech...
is the Future of Government

**Today is the slowest day
of the rest of your life**

**It's impossible to think big
enough – or fast enough**


We are at the **beginning**
of exponential change

Digital

AI

Emerging Tech





Emerging
technologies are
almost here

- ↗ Synthetic biology
- ↗ Quantum computing
- ↗ Space tech
- ↗ Geoengineering

**“The obstacle is the way.
The impediment to action
advances action. What
stands in the way becomes
the way.”**

Marcus Aurelius

In govtech
People are the obstacle...
... and the way

Policy is people

Implementation is people

Government is people

200 million


600 million

**The future of govtech
depends on the future of
government's people**



The 200 million
people in
government
today

- ↗ Siloed and disconnected
- ↗ Lacking skills
- ↗ Stuck and don't understand other sectors
- ↗ Missing young people



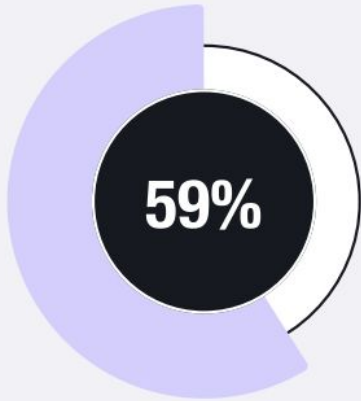
What needs to change

- Build local & global communities
- Build connective tissue & rebrand the revolving door
- Make it much easier to hire
- Upskill – ambitiously and continuously
- Rebrand to talent

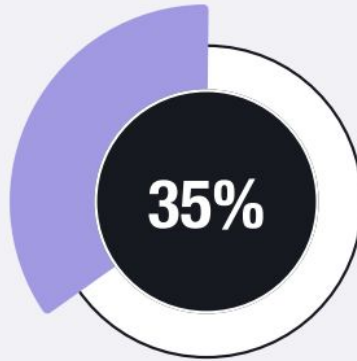
Public servants are using AI but they lack guidance and training

Apolitical survey, May 2024

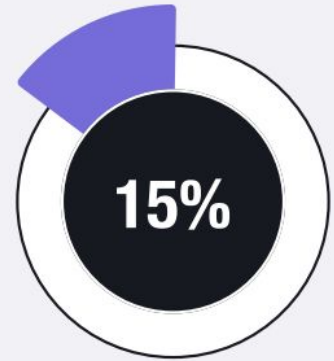
Using AI at work

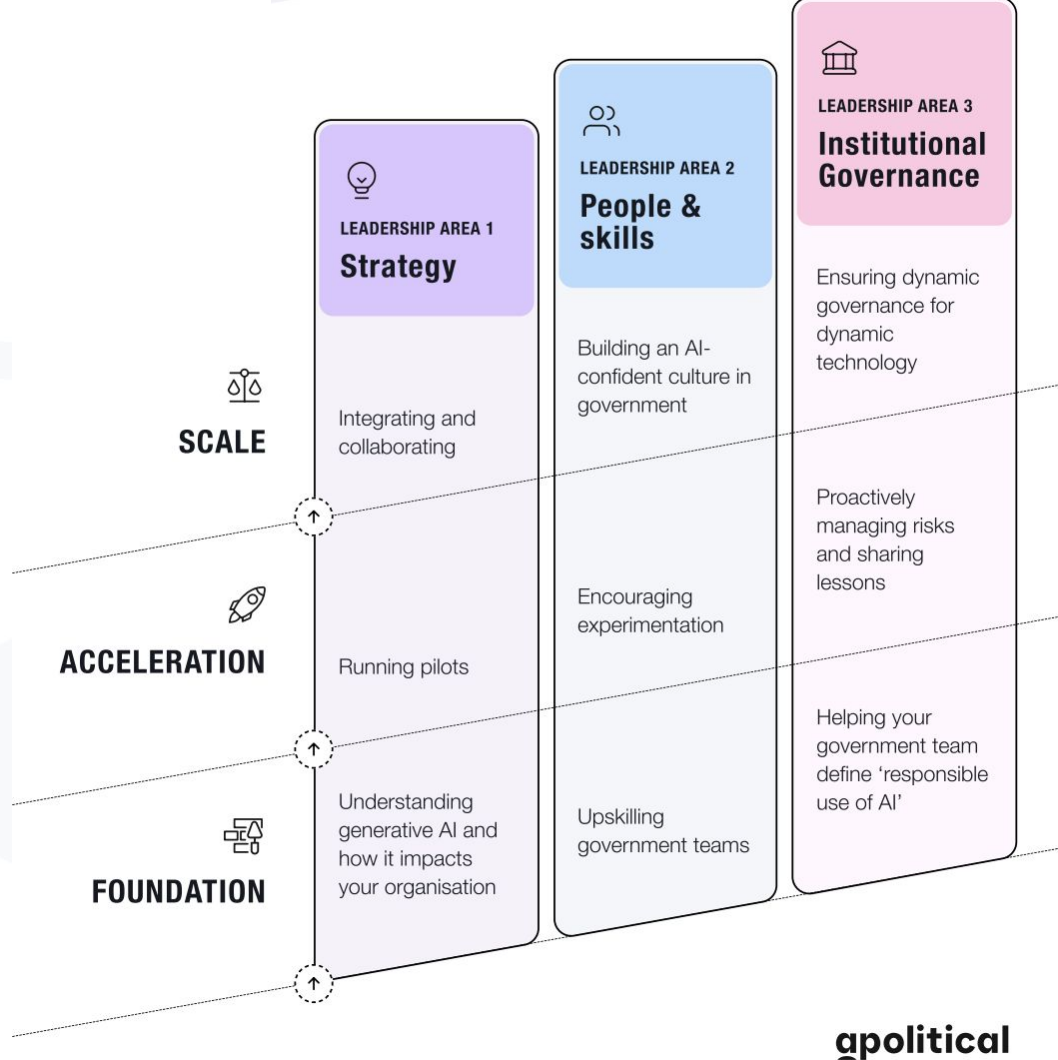


Received guidance



Received training





**This is hard
but there are two reasons
for optimism**

1. AI is forcing change

2. People in government want change



Public servants want to be

**Better
regulators**

**Better
strategists**

**Better
buyers**

**Better
users**



Aliyyah Musani · 1d

Governance and Strategy Analyst — Ministry of Citizens' Services - BC GOV

Job descriptions with AI skillsets

What skill sets have you and your organizations added for AI related positions? We are seeking more information about newly created roles in the last few years....

QUESTION



2 likes



1 comment





Juliana Machado · 1w

AI Strategist — Digital Government Scretariate, Brasília, DF, Brasil

Seeking Insights on Centralized AI Platforms for Government Use

Hello everyone,

I'm exploring the concept of a centralized AI platform for government use, particularly as a means to modernize and unify digital public services in...



6 likes



5 comments





Valerie Rozen · 2w

Digital Transformation Engagement — Sel Fou, Paris, France



OECD launches G7 toolkit for 'safe, secure and trustworthy' AI in the public sector

<https://ow.ly/zL2o50TSkoK>



ow.ly



5 likes



5 comments





Cezary Gesikowski

TOP CONTRIBUTOR

• 1w

Senior Policy Analyst — Agriculture and Agri Food Canada | Office of Chief Data ...

Public Sector AI Playbook from Singapore

Designed for all public officers, particularly those without technical backgrounds, this playbook is a key resource in Singapore's digital transformation journey. It aims to make AI knowledge and implementation...

RESOURCE



6 likes



4 comments





PA

Pia Andrews · 3w

Chief Data Officer — Home Affairs (Australian Government)

How is AI a game changer for gov, if at all? :)

I was considering what the key "game changer" aspects of AI might be for the public service, and I realised a few key things...

Firstly, that AI has been, for many, a bit of a tipping point in realising they...



23 likes



9 comments





Almero Oosthuizen

LEADING VOICE

• 3w

Clinical Service Improvement and Strategy; Emergency Physician — Western Cape De...

AI: tools and tool-rules

AI is a tool, and considering AI from the perspective of hand tools offer interesting perspectives.

There are six important questions to ask and answer when considering an...



10 likes



9 comments



apolitical

Government AI
CAMPUS

**Training 1 million
public servants**



Africa AI Academy

Powered by Apolitical

Courses

Communities

Case studies

Evaluation reports

Train the trainer



apolitical

Government Campus for Emerging Technologies



apolitical

Thank you!



robyn.scott@apolitical.co

Coming up next...

**Main Stage
(here)**

Panel Discussion / **From Vision to Action:**

Overcoming Implementation Challenges of GenAI
in Public Services.

10:00 – 10:50

**Second Stage
(4th Floor)**

Smart Cities Startup Pitching Session:

Innovations Shaping Urban Futures

10:00 – 12:05

Panel Discussion / **Vision to Action:** Overcoming Implementation Challenges of GenAI in Public Services

Timing : 10:00 – 10:50



Moderator

Marzia Mortati

Assoc. Professor,
Politecnico di Milano;
Vice Director,
AI4Gov Master



Marco Montorio

Deputy Head of Unit
Robotics, & AI
Innovation and
Excellence,
EU AI Office



Michael Bornholdt

Senior Public Project
Manager,
Merantix Momentum



Johnny Hugill

Director of
Commercial, Spend
& Impact, **PUBLIC**



Vincenzo Di Nicola

Head of the Artificial
Intelligence Fund,
CDP Venture Capital

Coming up next...

Rooftop (7th Floor)

Networking Coffee Break

10:50 – 11:20

Second Stage
(4th Floor)

Smart Cities Startup Pitching Session:
Innovations Shaping Urban Futures.

Ongoing until 12:05

Main stage (here)

Fireside chat / **Scaling Opportunities for GovTech Startups in Europe:** Insights from Venture Capitalists.

11:25 – 12:05

Join the pitching session!



Pitch Day

Timing : Ongoing until 12:05

Hear from groundbreaking startups from Central Eastern Europe and glimpse into the future of smart cities across core themes:

Head to
Floor 4
Room 4.3

Engagement

Energy

Mobility

Wellbeing

Wildcards



LightMirror

RASTEL.IO
SMART & SECURE BIKE PARKING



B A L Z S Q U A D

quæsta.ai



LOPI

tranzy.ai

VivaDrive



**XENA
VISION**

Fireside Chat / Scaling Opportunities for GovTech Startups in Europe: Insights from Venture Capitalists

Timing : 11:25 – 12:05



Ibrahim Köran
Head of GovTech,
Heliad AG



Fil Lekkas
Strategy Manager,
Lightrock

Coming up next...

**Main Stage
(here)**

**Winning Startups Pitches from GovTech
Connect Boot Camp Winners**

12:10 – 13:00

**6th Floor
(Room 6.2)**

Lisbon Council Workshop (title to be received).
Invitation Only

12:10 – 13:00

Winning Startups Pitches from Top GovTech Innovators



Timing : 12:10 – 13:00



Moderator

Chiara Carlini

Deputy Director, Open
Innovation
PUBLIC



Tom Somers

Director, UK&I,
Skenario Labs



Ibon Aretxalde

CEO & Co-founder,
ASIMOB



Arthur Alba

CEO,
StreetCo



Mateusz Maj

CEO,
VivaDrive

GovTech Connect Boot Camps

Government and startup collaboration is at the heart of the public sector digitisation and the green transition

Common challenges faced by startups when working with gov

Understanding government problems and accessing end-users

Navigating procurement and regulatory requirements

Accessing funding

Scaling deployment

GovTech Connect Boot Camps

A pan-European programme providing startups with the skills, tools, and networks to successfully navigate working with the public sector

GovTech Connect Highlights



50+

GovTech Startups accelerated in 18 countries



20+

European GovTech events and workshops



4

Boot camps run



60+

Experts involved from 25+ countries



3000+

Community Members on Joinup



Masterclasses on how to build a successful GovTech business



Tools for co-designing services with citizens and end-users



Pitch practice sessions to develop public sector proposition



Access to investors and public sector stakeholders



Challenge areas and finalists



Northern Europe

Improving energy
efficiency in
public buildings



Southern Europe

Digitising public
services



Western Europe

Smart and accessible
cities



Central & Eastern Europe

Smart and accessible
cities



How the showcase will run

**6 minutes to pitch +
4 minutes Q&A led by a judging panel**

Judging criteria

Technological Innovation & Impact

Viability & Scalability

Investor Interest

Team

Pitch Delivery



*Winner announcement
during the closing
ceremony!*

The jury members

Jury Members



Hessel van Oorschot
Program Manager
Provincie Zuid-Holland



Aline Muylaert
Co-Founder,
Go Vocal



Vincenzo Di Nicola
Head of the Artificial
Intelligence Fund,
CDP Venture Capital



Ibrahim Köran
Head of GovTech,
Heliad AG

Northern Europe





We predict the future of sustainable real estate.

Pitch @ GovTech Connect

Tom Somers | Tom@SkenarioLabs.com

28th November 2024




Real estate is responsible for
40% of global carbon emissions.

- World Green Building Council



In **2050**, at least **80%** of the buildings we will live, work and play in today will still be standing.

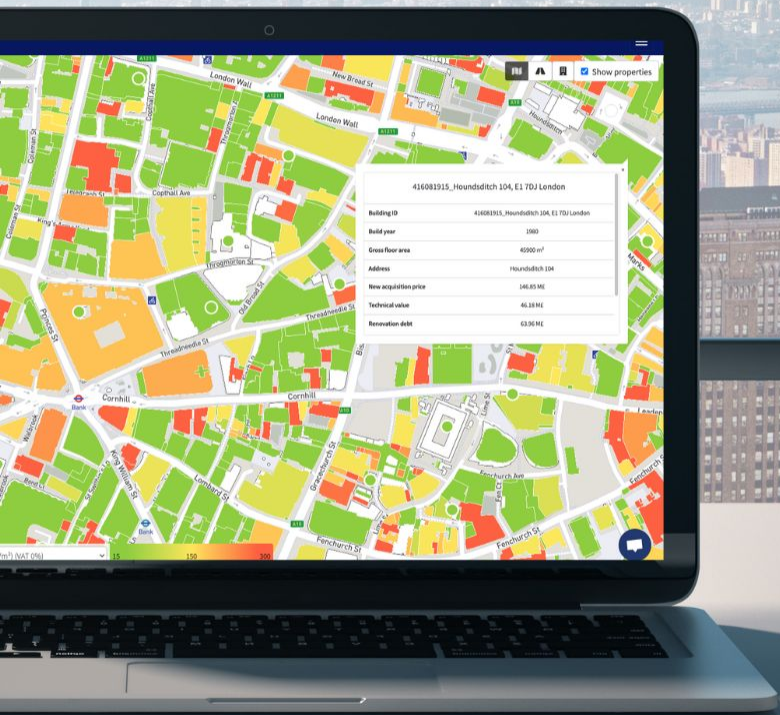
A silhouette of a large construction crane stands against a warm, orange-hued sky at sunset. Below the crane, the skeletal frame of a building under construction is visible, with some interior lights glowing. The overall scene conveys a sense of industrial activity and the challenges of construction.

We **cannot** build our
way out of trouble,
and need to pay for
fundamental change.

55% of the world's GDP -
equivalent to **\$58 trillion** - is
exposed to material nature risk.

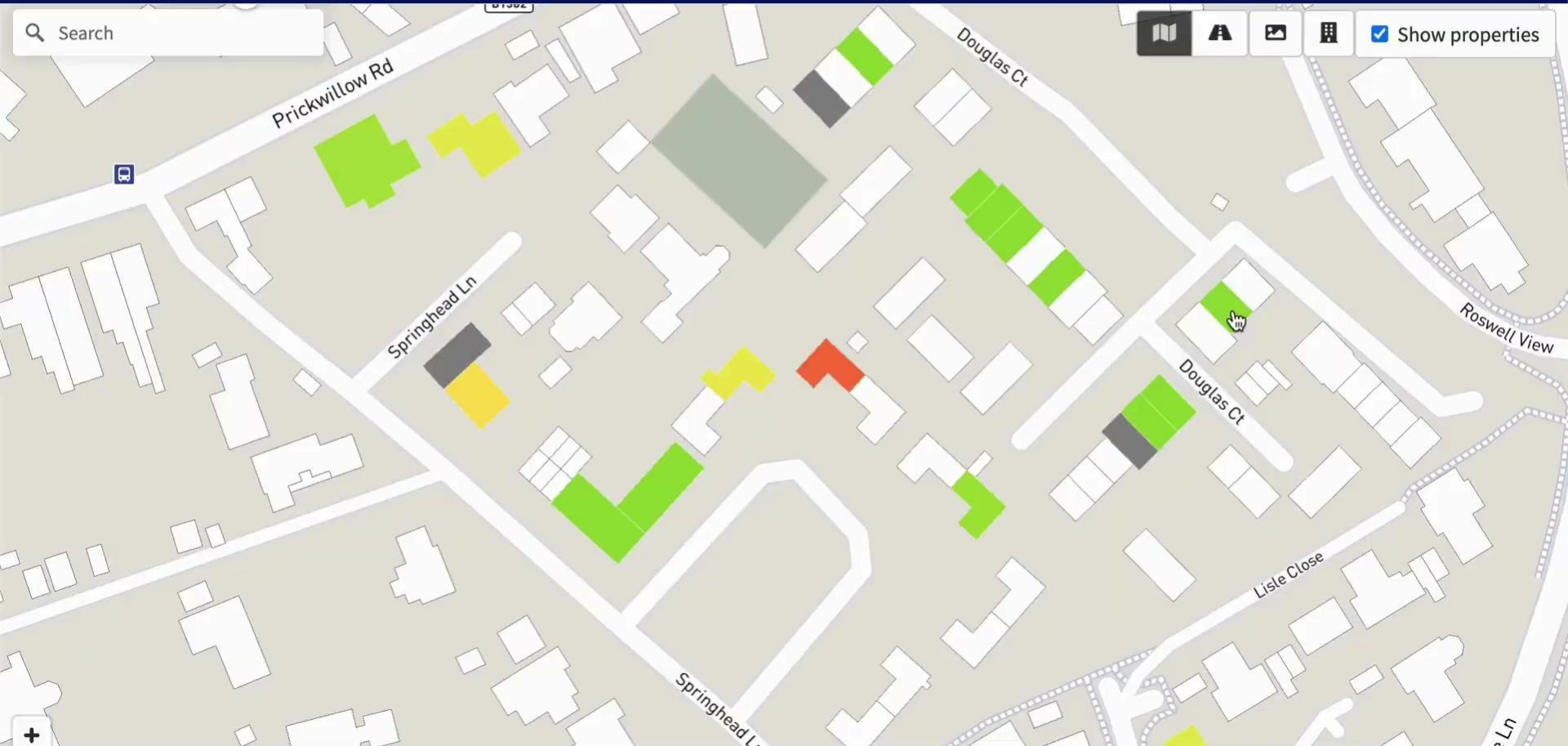
- PwC





A portfolio tool,
with **unit-level**
accuracy.

ENERGY DEMAND & EFFICIENCY



GREEN FINANCING



Portfolio details

Total buildings
10
Residential buildings

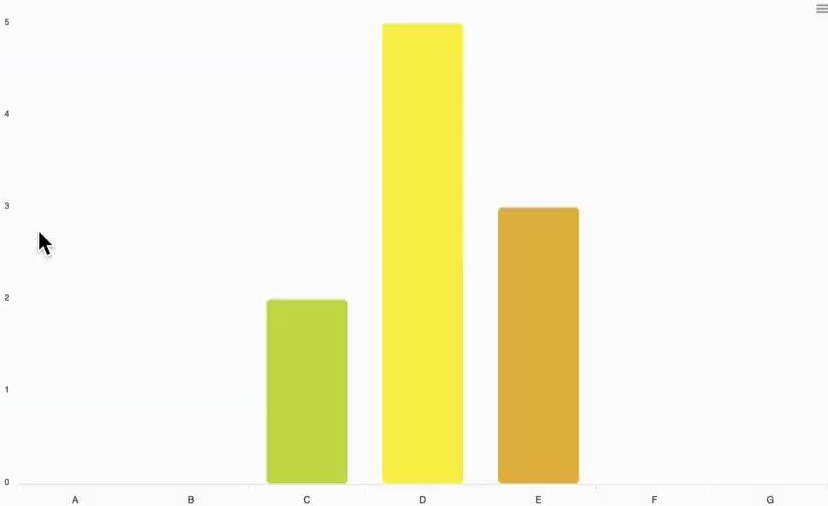
Total floor area
1,119 m²

Total valuation
£ 1,830,000

Total renovations costs to retrofits
£ 113,036

Outstanding Loan Value
£ 1,292,580

Energy efficiency class distribution



Portfolio energy analytics

Emissions

Heating
54.82
kgCO₂/m²

Electricity
12.44
kgCO₂/m²

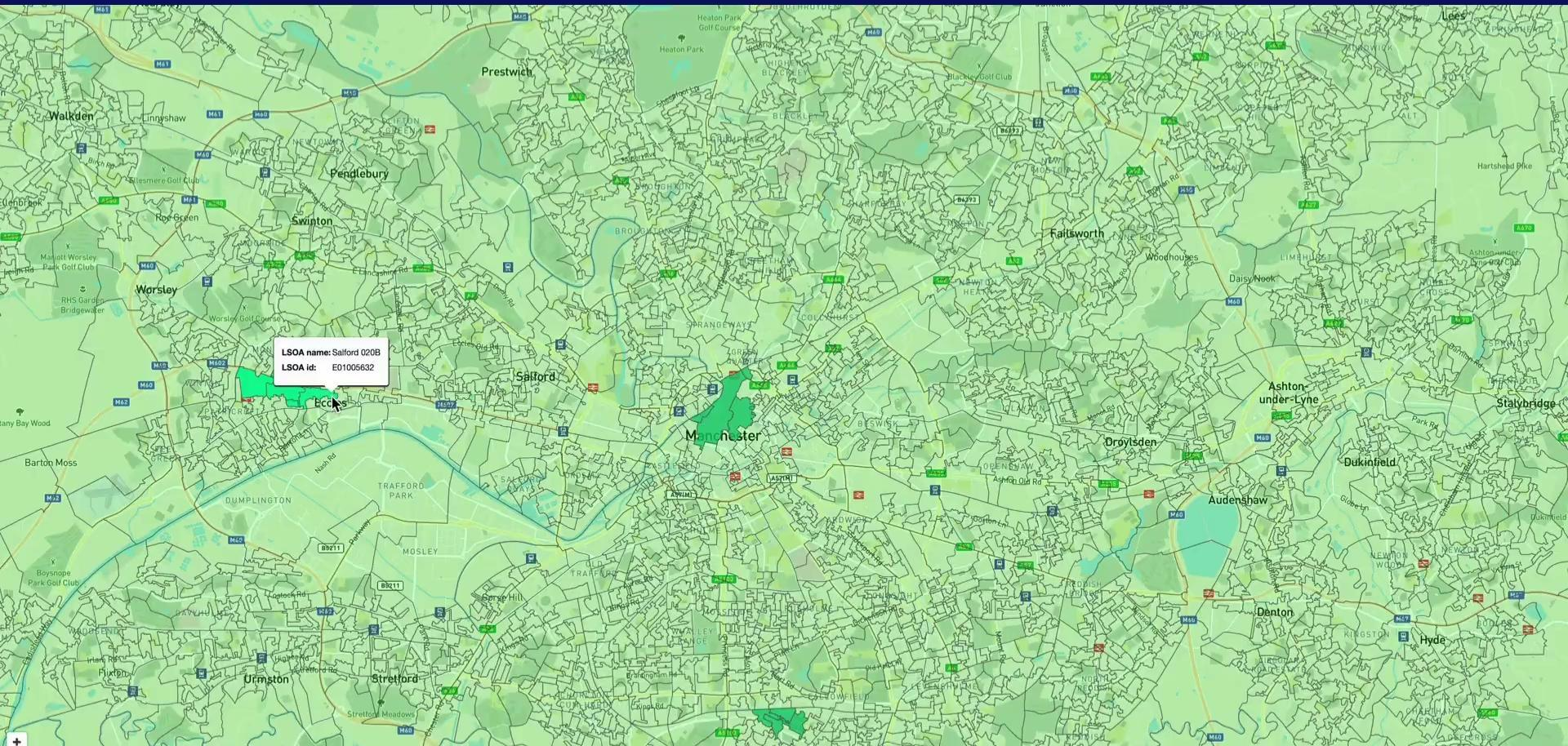
Cooling
0.98
kgCO₂/m²

Total: **68.25** kgCO₂/m²

Properties list

Address	Postcode	EPC	EPC type	Property type	Floor area (m ²)	Valuation	Compliance risk	Risk level
8, Clifford Street, LEICESTER	LE3 5RF	E	Estimated	Mid-terrace house	122	£ 182,000	Low EPC label - Taxonomy	Medium

Whole City/ Region Analysis



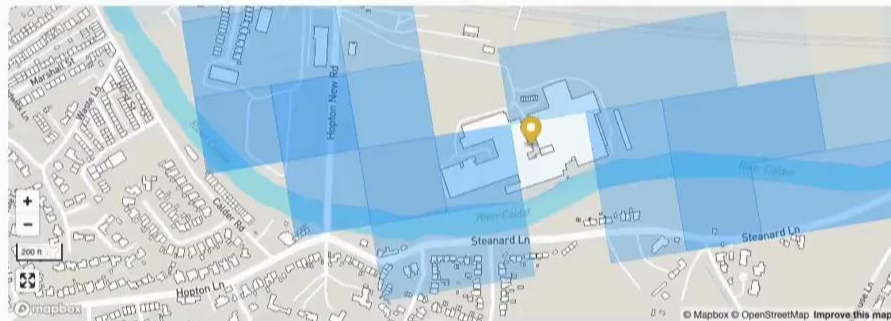
CLIMATE RELATED RISKS

Location

Station Road, Mirfield, WF14 8NA

Flood frequency period

1/500y



Risks

Current climate risk

Medium

Current primary risk factor

Flood

Future climate risk

High

(2040)

Future primary risk factor

Flood

(2040)

Stranding risk

Medium

Risk

Present

2040

Data source

- ↓ Temperature (Chronic)
- ↓ Temperature (Acute)
- ↓ Geology (Chronic)
- ↓ Geology (Acute)
- ↓ Wind (Chronic)
- ↓ Wind (Acute)
- ↓ Water (Chronic)
- ↓ Water (Acute)

OUR CLIENTS



ARUP



CHUBB®



Nordea



ILMARINEN



GREATER
LONDON
AUTHORITY

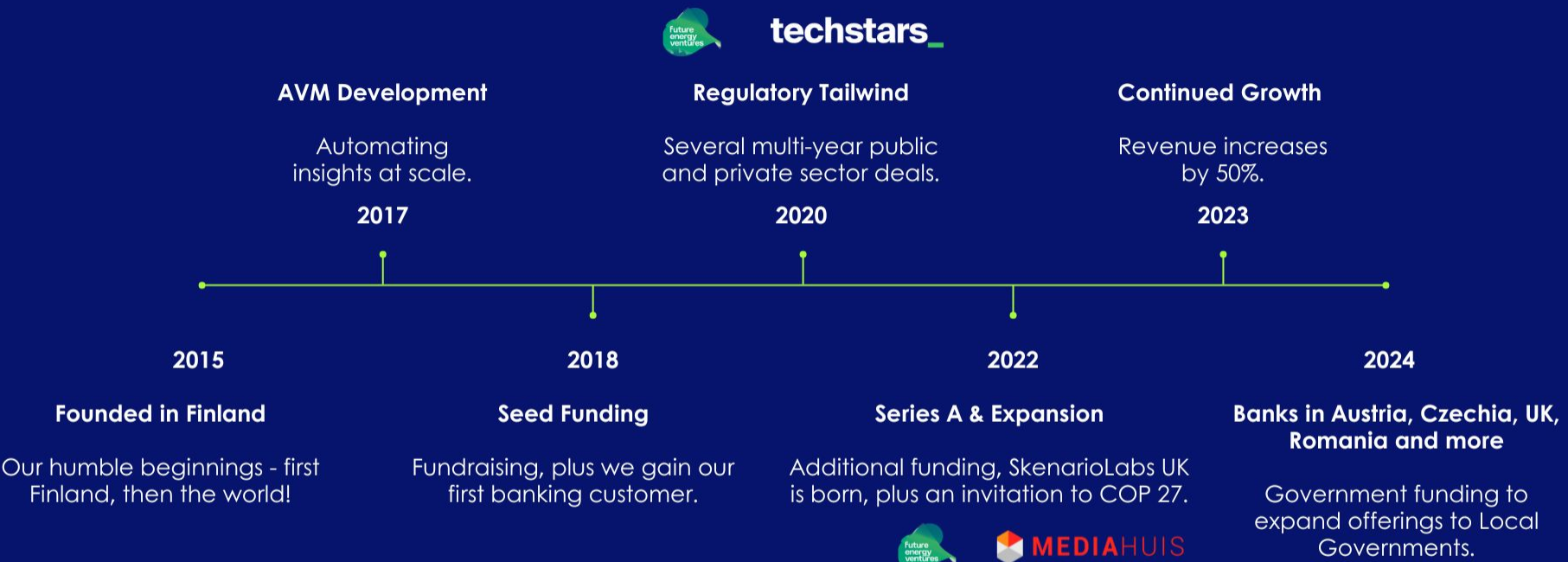


ÅLANDSBANKEN

OUR PARTNERS



OUR JOURNEY



MARKET COVERAGE





ABOUT US

€50 bn

*worth of collaterals
monitored monthly*

24

employees

500,000 +

*assessments
per month*

12

nationalities

3,000+

daily users

2

local HQs

14

geographies



Join us in driving a **greener future**
in real estate.



hello@skenariolabs.com



Southern Europe



30%2000HEAVYWEIGHTBIKEBY THE
THEPRASEMOCTERH

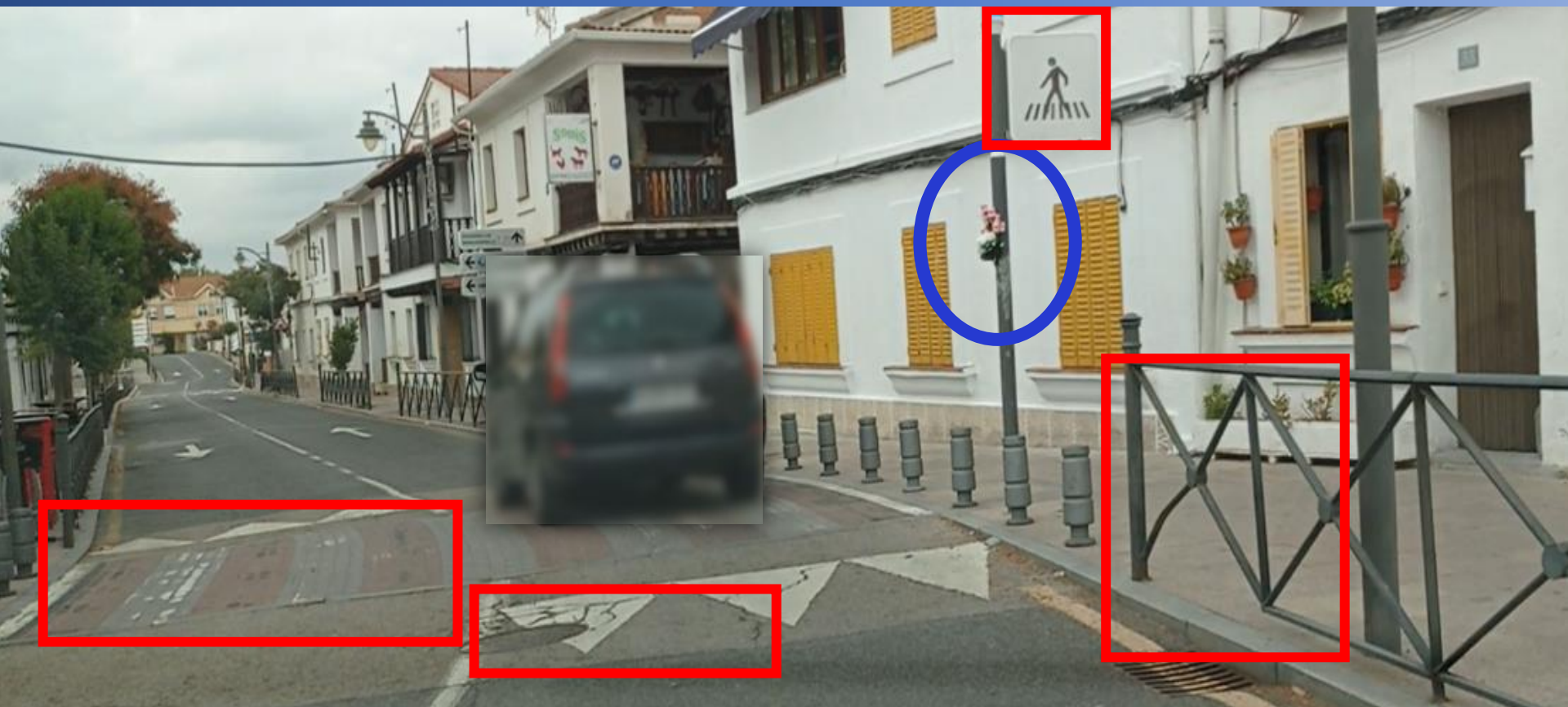


VISION ZERO

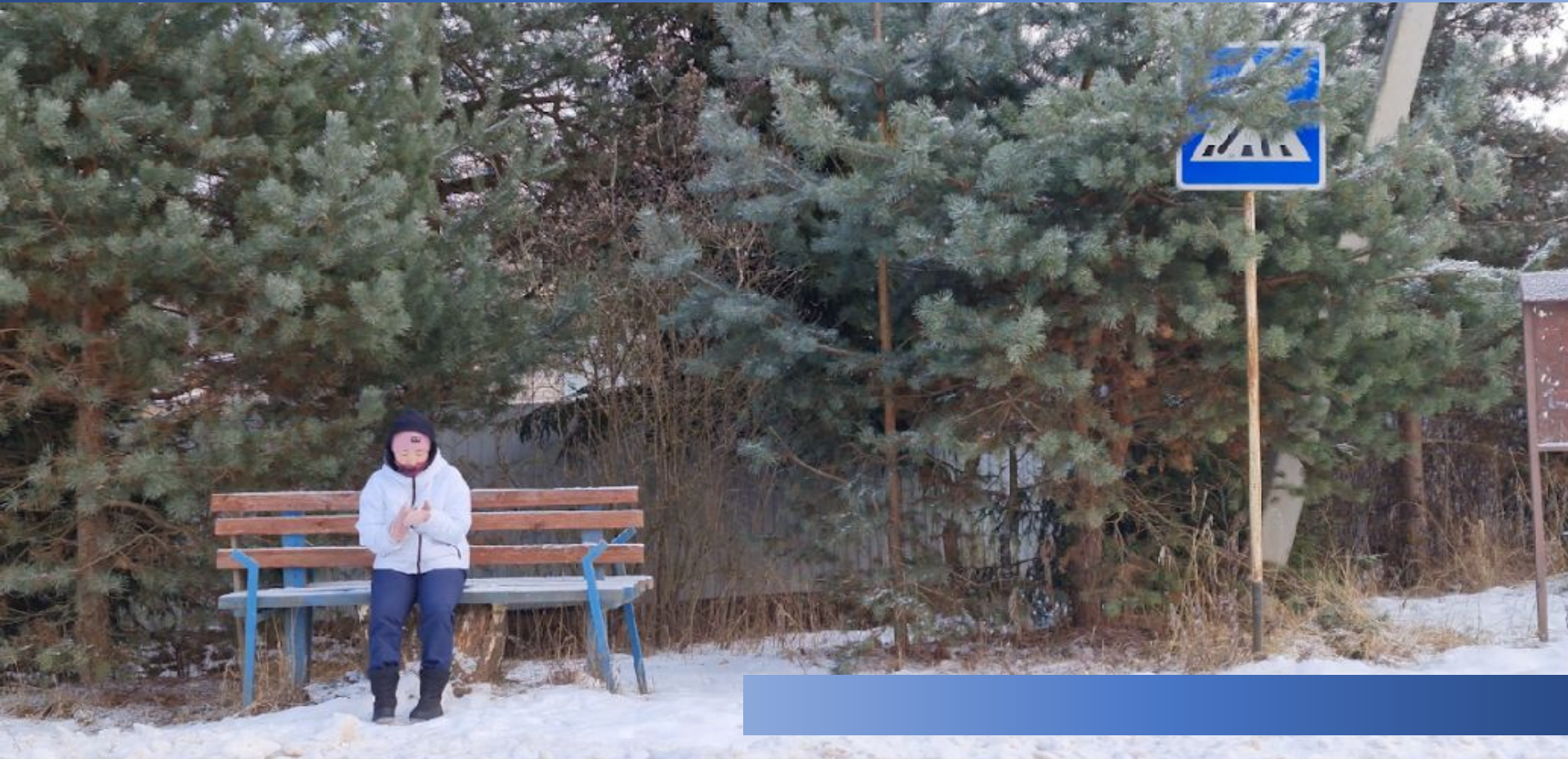
0 FATALITIES BY 2050



THE PROBLEM



WAITING FOR THE SOLUTION?





NO



NO



- non seguire le indicazioni di Google Maps
- do not follow the directions suggested by Google Maps



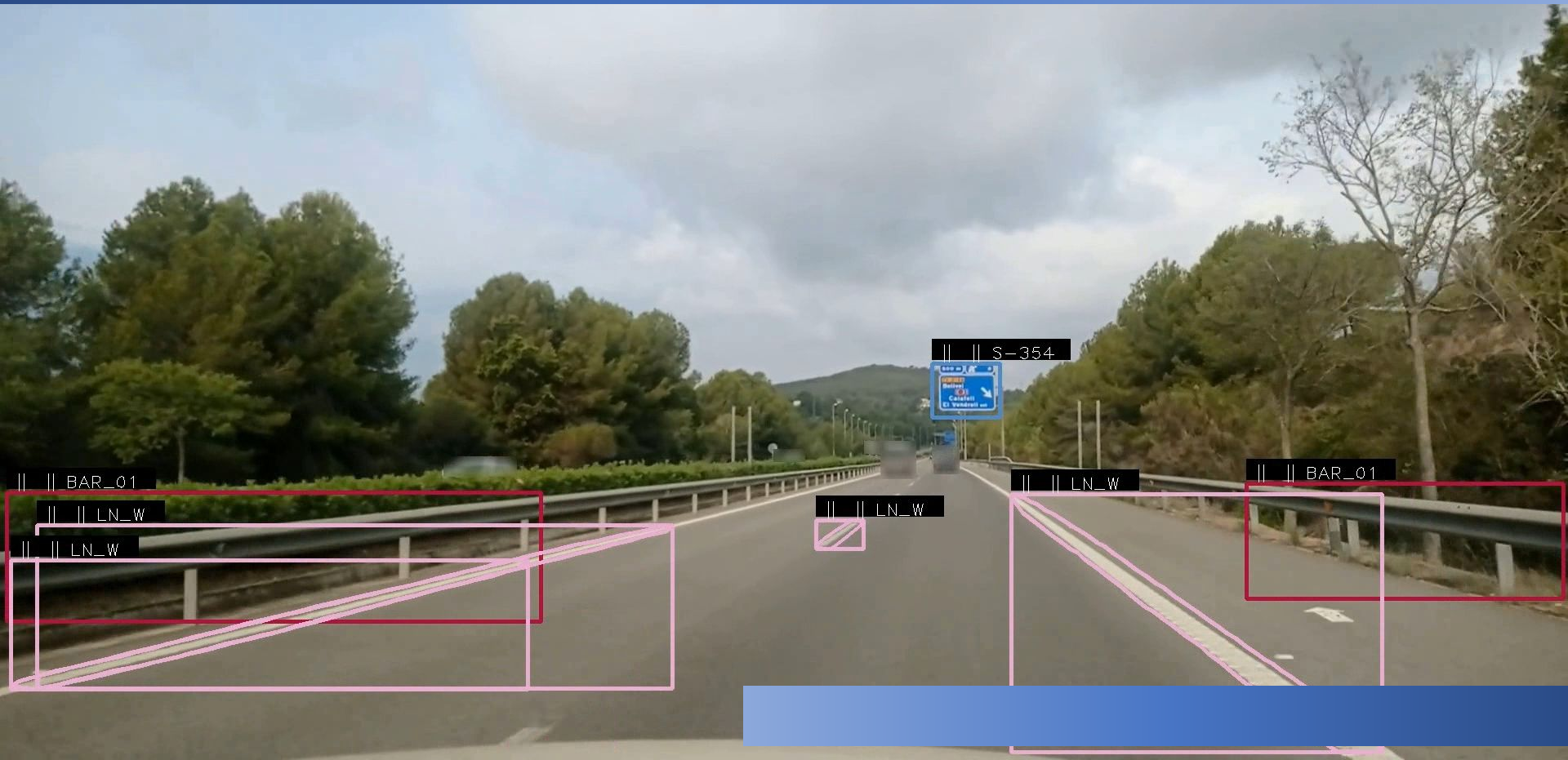
**ATENCIÓN
INDICACIONES
ERRÓNEAS DE GPS
CARRETERA MUNICIPAL
CON LIMITACIÓN DE ALTURA**



AUTONOMOUS ROAD INSPECTOR: LIGHTWEIGHT SOLUTION



COMPUTER VISION BASED ANALYSIS



3 REASONS FOR ROAD AUTONOMOUS INSPECTION

ROAD SAFETY



ROAD
MAINTENANCE



ADOPTION OF
AUTONOMOUS
VEHICLES



COMPLETE INFORMATION TO MAKE INFORMED DECISIONS



Video

0.18 / 1.19

Información

Fecha: 2022-10-06 17:57:54
N° Revisiones: 1
HWY_7_02

Tipo: TC-54
Group: 4649

[Ver revisión anterior](#)

ASIMOB
advanced services in mobility

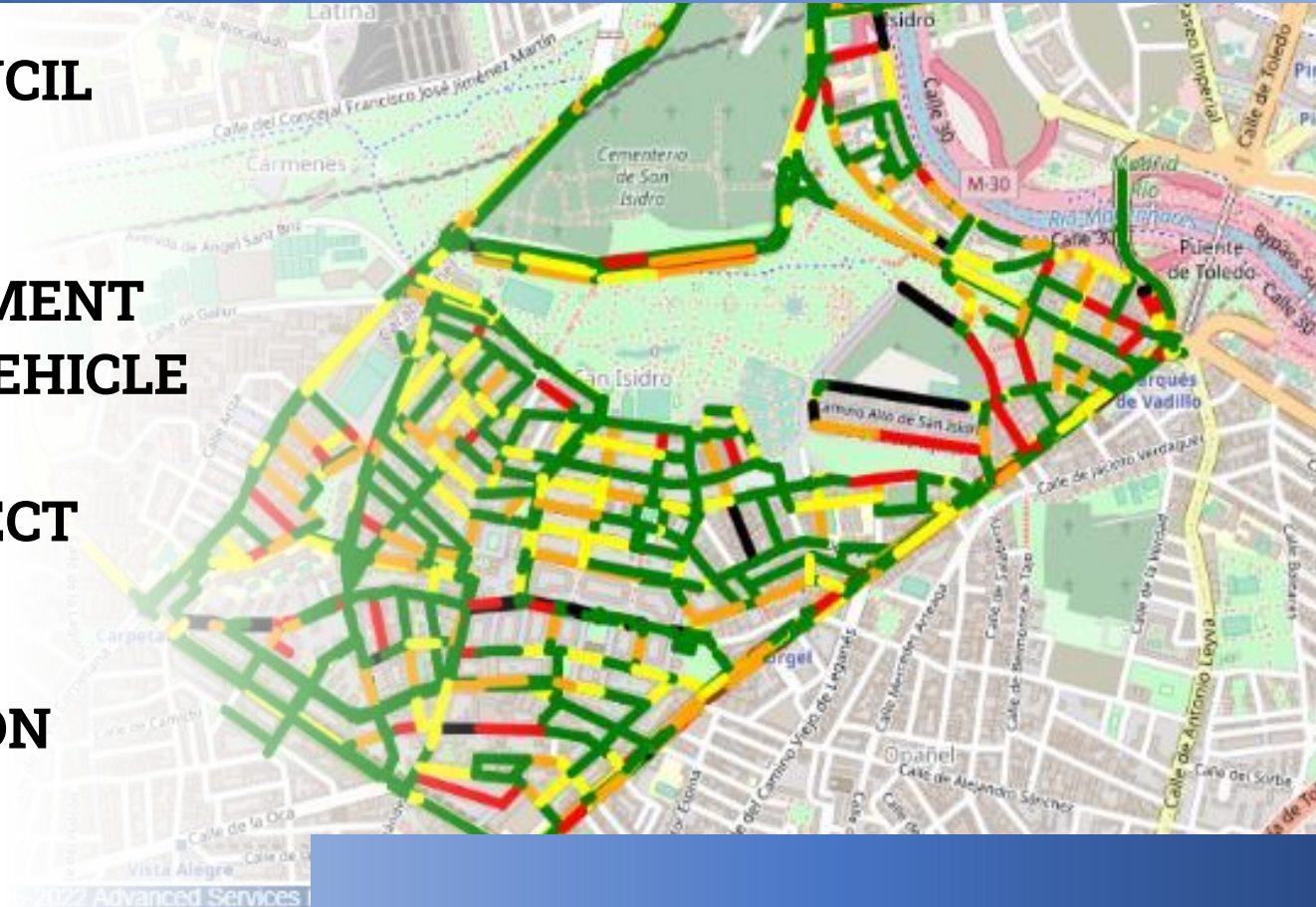
EXAMPLE

MADRID CITY COUNCIL SAN ISIDRO

ANALYSIS OF PAVEMENT IN 2 DAYS WITH 1 VEHICLE

60% SAVINGS RESPECT
OTHER SOLUTIONS

MINIMIZED RISKS ON
WORK



A TEAM PREPARED TO SCALE



Ibon Aretxalde
CEO & Co-Founder



Benat Lopez Arantzamendi
CTO & Co-Founder



Estibaliz Baranano
Partner & Advisor

14 PEOPLE TEAM RECOGNIZED IN THE SECTOR & AWARDED BY



A TEAM PREPARED TO SCALE

Services 2022-2024



LOOKING FOR PARTNERS



Services 2022-2024



PMG
PAVEMENT MANAGEMENT GROUP

FLS
FLOOR LIFTING SERVICES

Acplus⁺

KSI
한국지리정보시스템
Korea Geographic Information System

KSI
KOREAN SYSTEMS

KSI
한국지리정보시스템
Korea Geographic Information System

KSI
KOREAN SYSTEMS

TO EXTEND MARKET AND ALLIANCES

Share our vision?



Committed to
the SDG



Ibon Arechalde
ibon.arechalde@asimob.es

www.asimob.es

Western Europe





Welcome to a world without obstacles

Welcome to the adventure!

*Making our cities
accessible for all*



1969





2024

ROUT
BARR
200

We are all concerned

Not just for people in **wheelchairs**

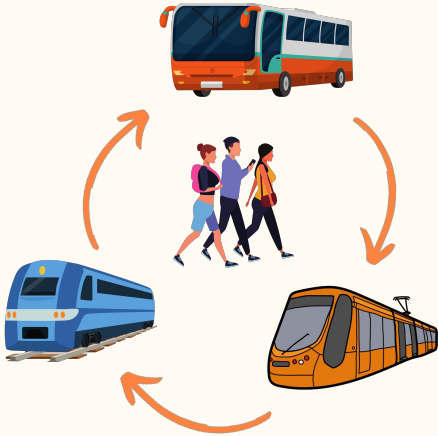
100 millions

European people with
reduced mobility



Everyone on foot!

The basis of mobility is pedestrian...



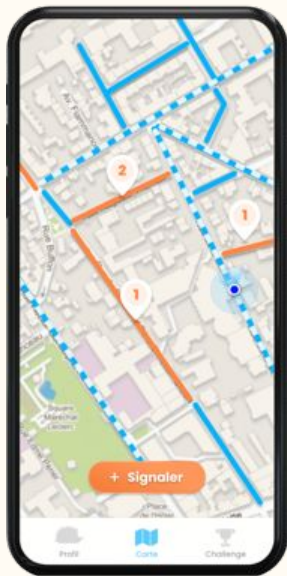
...And it's good news!



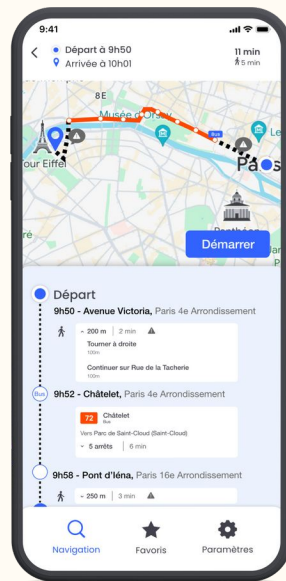
Our apps



To
Collect

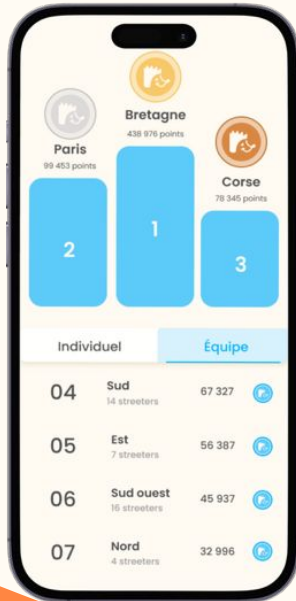


To
Guide

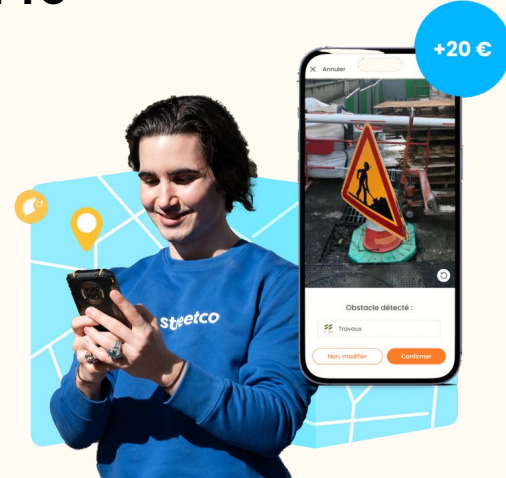


How do we collect with StreetCo ?

1. We mobilize your city's associations & companies!



2. We train and pay super contributors “Streeters Pro”



How do we guide with StreetNav?



Outdoor

Avoid obstacles on your path



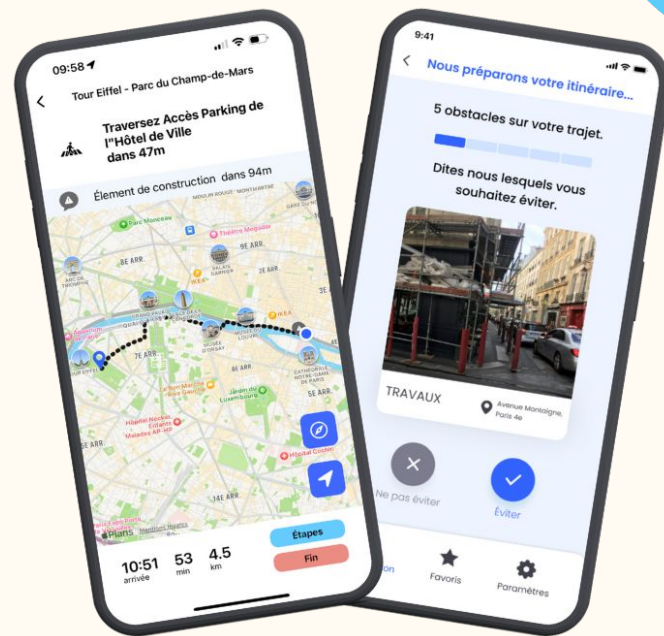
Public transports

Accessible stops only



Indoor

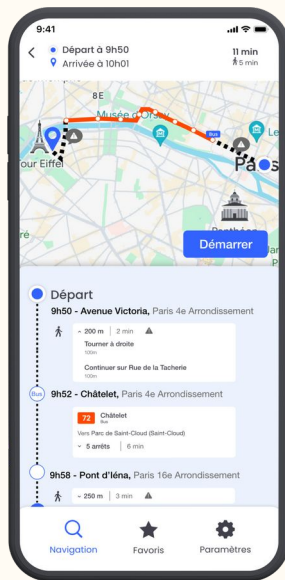
Guidance inside train stations and buildings



How we work with cities

For the
residents

Inclusive GPS

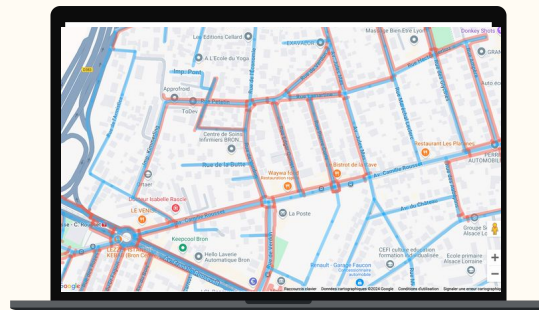
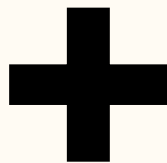
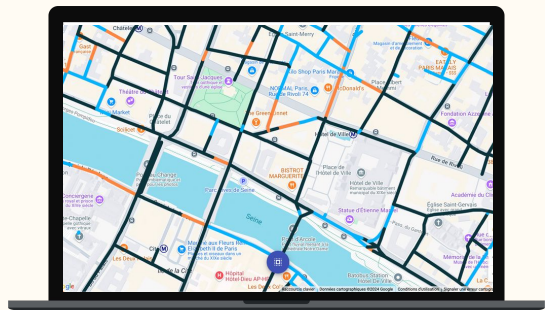


For the city



Dashboard

For Cities – Dashboard



Where are the **most annoying**
obstacles

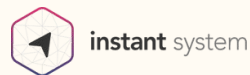
Where are the **most**
busiest streets



**We know exactly where to
start to make your city
more accessible**

References

Committed to our side for inclusive mobility



20+

Cities involved

2 100 000+

Reports made

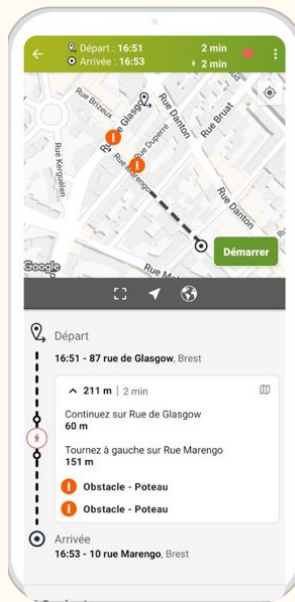
1 800 000+

Calculated routes

Use Case - Brest Métropole

Project

Our data in the city's mobility app



Results

10 000+

Active users per month

+15% 

Users of the app



Awarded by the Minister of Transport



Use case - Paris 2024

**3 Olympic
Sites**



With the Paris Mayor



**2 train
stations
2 metro
stations**



Indoor testing



Why you should work with Streetco?

- 1. A mobility UFO**
We take care of what nobody wants to take care of



- 2. More mobile and healthier residents**
More outings, fewer falls, more social contact



- 3. A sustainable and attractive city**
Safer mobility, less pollution, easy access to public transports





Arthur Alba
CEO

arthur@street-co.com

+33 6 37 57 47 42



Central and Eastern Europe

VivaDrive





VivaDrive

AI-empowered mobility

Mateusz Maj | Brussels 2024



Municipal energy transformation

1

Transport accounts for 25% of GHG

with 70% of city CO2 from road vehicles

2

Strong regulatory pressure

Green Deal, CSRD, Clean Vehicle Directive

3

Urban fleets are pivotal in zero-emission transportation

4

Important challenges ahead

high upfront costs, infrastructure development, and operational integration



Longstanding barriers



Decreased productivity



Capital risk



Grid constrains



Operational complexity

Temporary barriers



Upfront cost



Vehicle availability



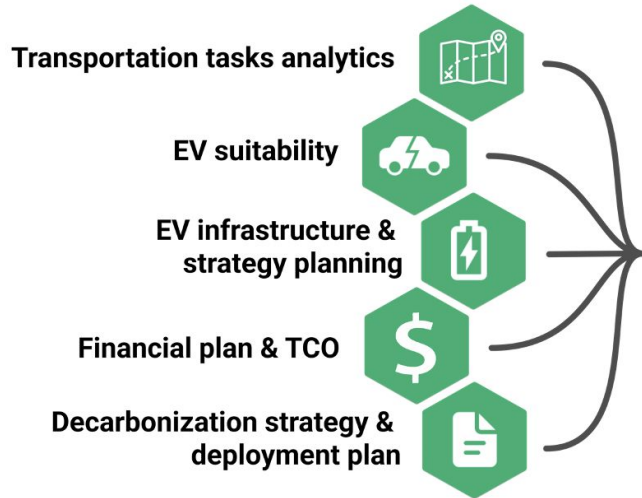
Charging availability



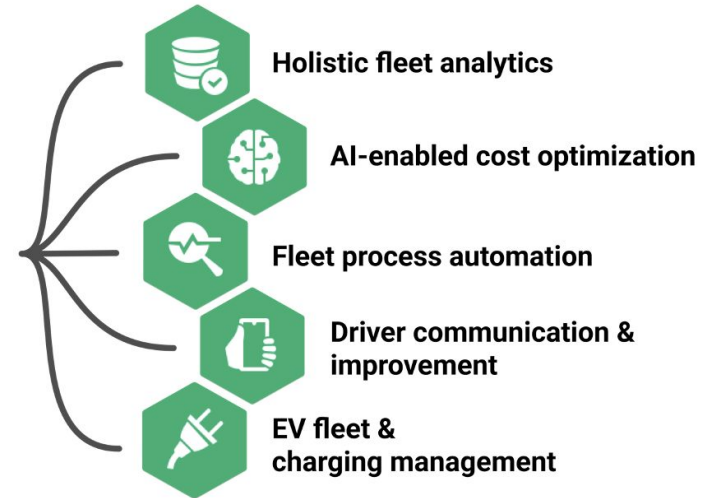
Consumer concerns

AI-empowered fleet Digital Twin

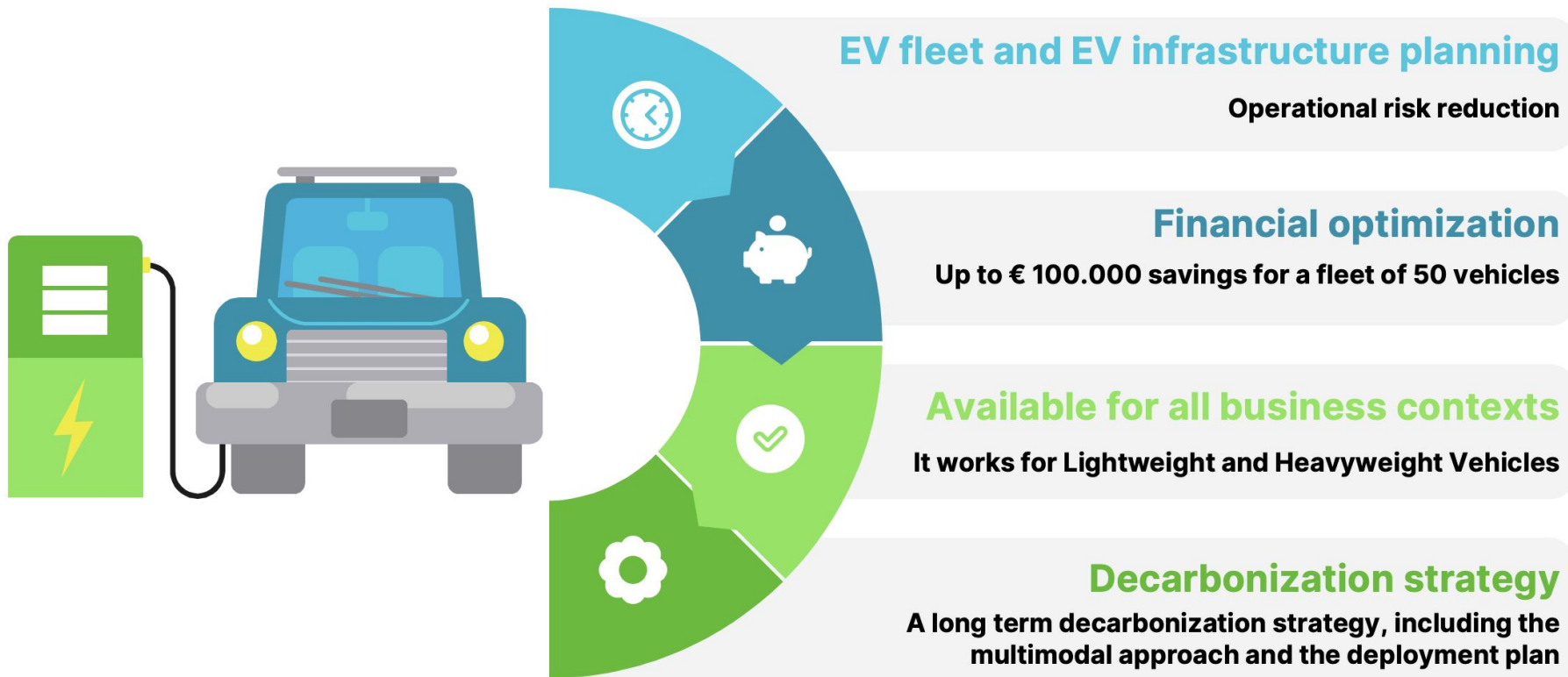
Fleet electrification



Fleet management



Decarbonize your urban/municipal/city fleet



Build an optimal charging network for your customers/citizens/businesses

Find a single charging point

- 1 Find an optimal charging location
- 2 Assess location potential
- 3 Assess the technical aspects incl. grid
- 4 Determine the best charger for the location

Plan a charging network

- 1 Determine the best expansion strategy
- 2 Assess the socio-economic, demographic and traffic contexts
- 3 Calculate the financial scenarios

Better manage your low/zero-emission fleet



1

40% Cost optimization

€1.000 annually per car

2

100% emission reduction

600t CO2 annually for an average fleet

3

**Effective multimodality
management**

4

ESG reporting

Business approach - synergy in action: 1+1 =3 (B2B2B)



1

Partnerships

Financial services, Energy utilities, Administration

2

Value Added Services

Fleet management, Fleet Electrification,
Infrastructure Planning

3

Simple financial model

License for a partner and subscription for a VAS customer

4

Joint effort – joint goals

We combine our expertise and technical capabilities to
deliver best-in-class solutions

Electromobility is behind the corner



All EU fleets 100% zero-emission by 2050

- EU - No ICE car registration by 2035
- EU - AFIR accelerates EV charging infrastructure
- BE - All company cars electric by 2026
- PL – zero-emission transportation in public administration since 2022

Our target market in the EU

255k

**#Companies
we target**
(>30 cars, EU)

33 655
(in '000)

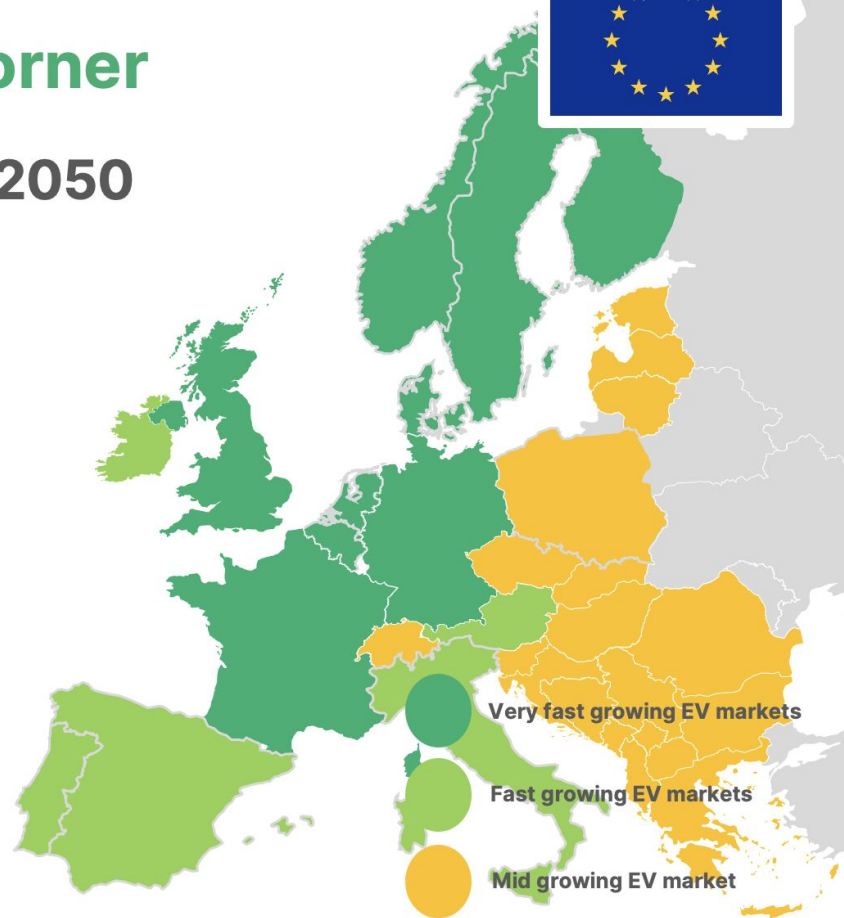
**#Vehicles
we target**
(<3.5t, EU)

€6 bn

**Total
Addressable
Market**

28.2%

**of CAGR
up till 2030**



Example: fleet management (PL)



The best fleet solution in Poland



1

Technology partner of PZU group in Poland, **the largest financial group in the CEE region** (2.5M cars insured)

2

Problem: offer digital services to customers that improve retention and reduce claims

3

Joint projects in fleet management (1) and fleet electrification (2)

4

600 customers and **100.000 vehicles** under management

(1) https://www.pzu.pl/_files/1539536

(2) https://media.pzu.pl/informacje-prasowe/szczegoly/PZU_iFlota_EV

Example: fleet electrification (PL)



- 1 **Problem:** boost sales of own zero-emission solutions e.g. PV
- 2 Joint offer for customers that helps them **decarbonize their fleet** and **introduce cost-effective energy flow**
- 3 Thanks to offering unique approach we offer effective way to attract new leads, boost the sales conversion rates

Case study: PKO BP



Bank Polski

Polish largest bank wanted to create a fleet electrification and mobility strategy for its entire fleet, including charging infrastructure and ESG reporting approach.

Results





- Fleet electrification strategy created
- Mobility approach created
- ESG reporting assessed including Scope 3
- Joint offer with e.on. for company charging infrastructure

Example: Fleet customer analytics (PL)



- 1** **Problem:** Boost sales of EV cars
- 2** Joint project offering customers **fleet decarbonization solutions** and **ESG reporting**
- 3** Expandable across other automotive players

One-stop shop for effective mobility

	AI-enabled multi-mobility analytics	B2B2X model & partnerships	Focus on ESG & Decarbonization	Advanced insurance functionalities	GenAI capabilities
VivaDrive	✓	✓	✓	✓	✓
 SAWATCH	✗	✓	✓	✗	✗
 webfleet solutions	✗	✓	✗	✗	✗
 OCTO	✗	✓	✗	✓	✗
 ALD Automotive	✗	✗	✓	✗	✗

Next steps

1

1M EUR round

Monetization of the current customer-base, enter new markets (DE, FR, BE, CEE)

2

Sign new partnerships

We are finalizing 3 large partnerships in Poland (Oil&Gas, Energy utility, Bank), started working with **FIA** on road safety initiatives and we look for partners abroad

3

Enter the Public Sector

We started addressing the public sector – corporate/municipal/regional/city fleets in Poland and as of 2025 we will start scaling up in the CEE region

Proven track record in Insurtech, Automotive, Mobility & AI



DR. MATEUSZ MAJ

CEO, Product



PIOTR PTASZYNSKI

**Fleet Program
Director**



RADEK CZAJKA

CTO



DINESH KUMAR

COO



PAWEL KUJDA

Sales, Partnerships



FACHRI AKSAN

**Data Science
Energy Expert**



RAHUL RAJ

Full Stack

We worked for





MATEUSZ MAJ
CEO

mat@vivadrive.io
+48 786 212 481

European Union
European Structural
and Investment Funds



Republic
of Poland



Urban Mobility



European
Funds
Smart Growth

NCBR
National Centre for Research
and Development



Why VivaDrive?



+100.000 vehicles under management



Scalable business model on a growing EV market
with prestigious partners in Poland and Germany



ESG

Relevant solution for corporate and public players that are pivotal in energy transformation



International and experienced team



AI-driven and secure (SecNumCloud certified)



Enterprise Forum
CEE



Ministerstwo
Rozwoju i Technologii



Connect with the
startups!



Coming up next...

**Networking
(Floor 7)**

Lunch Break & Networking

13:00 – 14:15

**Main stage
(here)**

**GovTech Research Findings & Key Policy
recommendations**

14:20 – 14:50

Research Findings & Policy Recommendations:

Influencing factors of GovTech practices

Timing : 14:20 – 14:35



Björn Niehaves

Professor of Computer Science,
The University of Bremen



Luca Tangi

Project Officer, Joint Research
Centre, *European Commission*



GovTech: Critical Influencing factors for cross-border, interoperable GovTech practices in Europe

Policy implications and recommendations



interoperable
europe

Luca Tangi & Bjoern Niehaves | Brussels, NOV 2024



DIGITAL
EUROPE

What is GovTech?

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.

#DigitalEuropeProgramme

Source: [GovTech Practices in the EU report](#)

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.

interoperable europe Act

the IOP Act supports the investment in innovative measures (Article 10) with the creation of a GovTech community and a platform for presenting related activities and promoting use cases and best practices. At the same time encourages the experimentation and the participation in innovative sandboxes (Article 12) for piloting GovTech solutions.

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

GovTech contribution

- Public sector innovation for the design and deployment of GovTech interoperability solutions
- Identifying shared innovation needs and priorities and focusing common GovTech and experimentation efforts across borders
- Successful GovTech projects should help scale up GovTech tools and interoperability solutions for reuse

Monitoring and evaluation

The Commission shall monitor ...

the development of open source solutions for the public services, public sector innovation and the **cooperation with GovTech actors in the field of cross-border interoperable public services to be delivered or managed electronically in the Union**



Join this collection



What? EC observatory on the use of emerging technologies (AI, blockchain, etc.) in the EU Public Sector



For whom? Public sector officials, policy makers, companies, and academia, interested in the latest public innovation trends



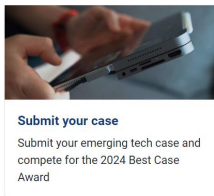
Why? To establish a community for discussing opportunities on the use of emerging technologies for the public sector, to pool and disseminate knowledge about it

Join the community

To suggest content to be showcased (related news, reports, etc.), receive notifications and be directly invited to events.

Report your Cases

As service providers and public sector official you can submit your own use case of emerging technologies to inspire others.



Compete for “Best Cases Award”

The most innovative and impactful cases will be recognised with the “Best Cases Award” in the Summer 2024.



GovTech studies

03/2022



Technical Report



Science for Policy Report



New!

11/2024



Science for Policy Report

JRC Study on Cross-Border GovTech Practices in Europe



Empirical Study funded by the EC and conducted (10/2023 – 05/2024) by **Prof Dr Dr Björn Niehaves & Dr Gerhard Klassen** (University of Bremen)

Based on over **110 interviews in 18 European Countries** with GovTech leaders



And **two validation workshops** with GovTech Experts, Start-up founders, PAs practitioners and Policy Makers,



Key Question:



What influencing factors drive or hinder GovTech start-ups to expand beyond their home market (in Europe)?

Objectives:



Highlight policy and organizational **implications**



Provide **recommendations** for cross-border interoperability and reusability of digital solutions in compliance with the IoP Act

What influencing factors drive or hinder GovTech Start-ups to expand beyond their home market (in Europe)?



**Pracice
Background**
(GovTech Program
Analysis)

**Empirical
Reflection**
(e.g. 111
Interviews)

**Theoretical
Background**
(Initial
Framework)



“Validated
Framework”





What influencing factors drive or hinder GovTech Start-ups to expand beyond their home market (in Europe)?



GovTech startups cross-border expansion



KEY BARRIERS mostly deriving from a set of common set of "soft issues" rather than technical obstacles, due to a highly fragmented European regulatory, financial and operational landscape



1. **Language and Cultural Barriers:** Challenges in communication and understanding due to language-related and cultural diversity across countries (e.g. in procurement documents and negotiations).



2. **Fragmented Regulatory Frameworks:** Varied legal and administrative systems that create complex compliance landscapes for cross-border operations.

3. **Implementation Gaps in EU and National Regulations:** Inconsistent enforcement and interpretation of policies, creating uncertainty for startups.

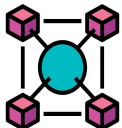


4. **Complexity of Standards and Guidelines:** Navigating technical and regulatory requirements, as well as adhering to diverse national and EU-wide standards.

5. **Trust and Knowledge Gaps:** Difficulty in building trust when entering new markets and accessing critical market insights and dynamics.

6. **Limited Access to Sponsorships:** Insufficient exposure to funding and partnership opportunities within cross-border GovTech ecosystems and public administrations.

& many more ...





Just two examples ...



A GovTech start-up with fewer than 10 employees was required to **establish a legal entity** in the target country to qualify for contract eligibility



A highly specialized solution developed by a GovTech start-up was **replicated** by a local software company and offered to the same government organization the start-up had previously been in negotiations with.

... and an overall observation

What if your **primary goal** was ...

... to digitally transform/modernize **public administrations**?

What we DIDN'T find!
(with very few exceptions)

... to tap into the huge European (or global) GovTech market and
... to ensure the IMPORT of cutting-edge services / GovTech solutions

... to nurture and protect your own **local digital economy**?

☐ Facilitate the EXPORT of locally developed GovTech solutions

☐ Develop specific features that foreign GovTechs

... to over-emphasise local cultural knowledge and language skills
in the procurement process

What we DID find!



GovTech cross-border expansion

Some possible ACTIONS addressing the main barriers:



Improve the **implementation of EU and national regulations**, along with key standards and guidelines, by using simpler monitoring tools, easier reporting processes, and better collaboration with the authorities involved.



Increase the **cross-border visibility** of start-ups and public administrations in European GovTech market by raising awareness, joining relevant communities and online platforms, and identifying '**champions**' to share best practices and build skills among stakeholders.



Identify and share **best practices** from GovTech ecosystems that successfully navigate cross-border challenges, focusing on how to overcome regulatory constraints, procurement barriers, and local biases to facilitate the seamless **import** of innovative solutions into new markets.



What else can we (all) do to create a single European GovTech market?



GovTech: Critical Influencing factors for cross-border, interoperable GovTech practices in Europe

Policy implications and recommendations



interoperable
europe

Luca Tangi & Bjoern Niehaves | Brussels, NOV 2024

GovTech Connect Foresight Study:

Key Results and Policy Recommendations

Timing : 14:35 – 14:50



Gianluca Misuraca

GovTech Connect Foresight
Lead, *The Lisbon Council*



Francesco Mureddu

Senior Director,
The Lisbon Council



GovTech Connect

Transforming Government, Together

GovTech Connect Assembly Brussels, 28 November 2024

Shaping Gov Tech 2050 in the EU Future Roadmap and Policy Recommendations

Gianluca Misuraca, GovTech Connect Foresight Lead
Francesco Mureddu, Senior Director,
The Lisbon Council



Policy context – Where do stand today?

"The EU has recently adopted the Interoperable Europe Act (...) to promote and support interoperability solutions between public administrations.

It is crucial to ensure an effective implementation of this new regulation to guarantee the interoperability of digital public services in the Single Market."

— Letta Report, "Much More Than a Market" (p. 96)

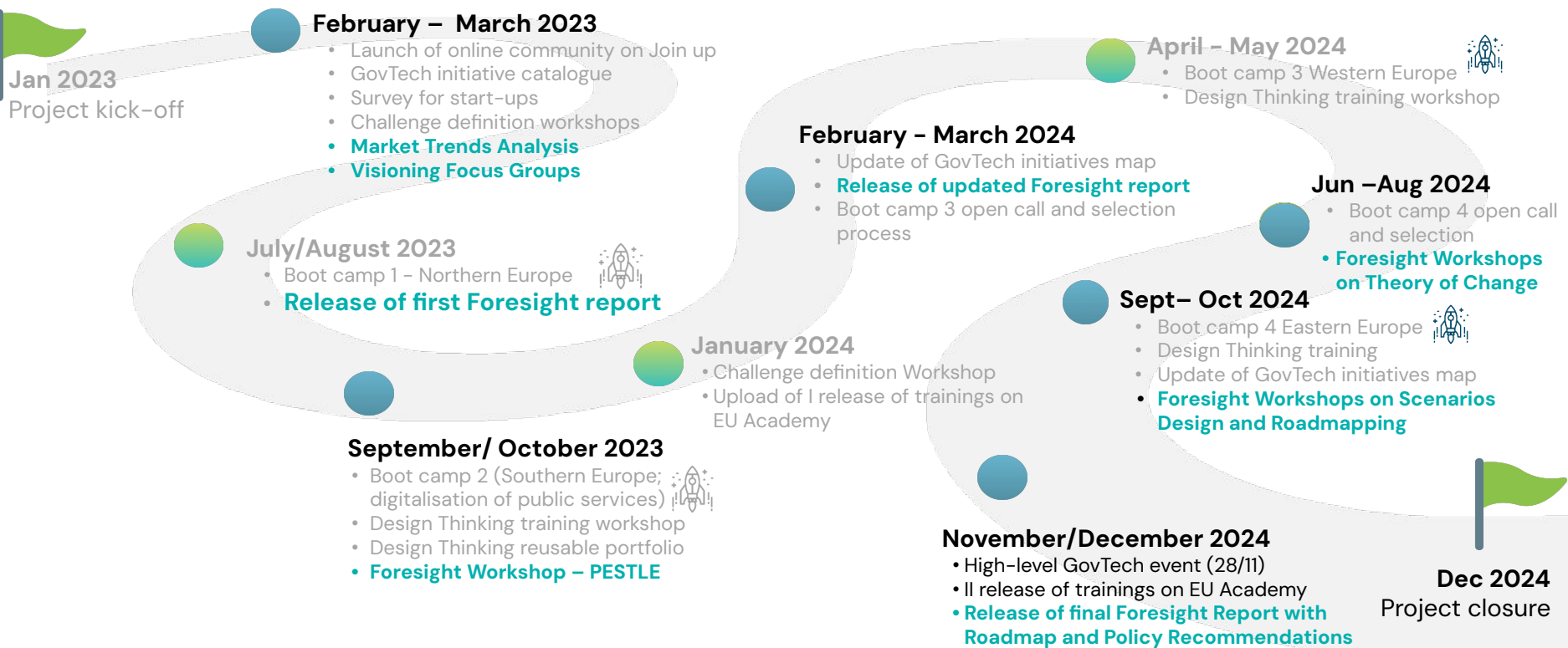


Foresight Study – Objectives



1. Co-design future scenarios for EU GovTech 2050
2. Co-develop the EU GovTech Roadmap 2050
3. Outline actionable policy recommendations

Foresight Study – Methodology



Future of GovTech – Vision

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.

interoperable Act europe

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

Future Scenarios & Roadmap – Towards GovTechNet.eu

Innovation Procurement capacity

Low

Pokemon GovTech



High



GovTechNet.eu
GovTech As a
Platform
Ideal Scenario

High

Chameleon
GovTech
Status Quo



CrossOver GovTech



Low

Cross-Border Interoperability



Outlining a
Roadmap for
GovTech 2050 in
the European Union

Results of the Scenarios Co-Design



Pokemon GovTech

A hyper-innovative and hyper-personalised government, that fosters customised solutions and short-range innovativeness. Yet, despite all efforts, difficulties in harmonising legal frameworks, failures in standardisation of formats, and the public's distrust for GovTech solutions that are not developed locally thwarts any improvement in terms of interoperability and reuse.



GovTechNet.eu

A fully modular and agile digital public infrastructure and services, with improved interoperability and innovativeness and personalised training programmes for all levels of users, fostering the creation of a virtuous circle that encourages the mutual integration of policy and innovation.



Chameleon GovTech

A government of many fashions, yet resilient, like a chameleon. The status quo is upheld, with no substantial improvements in innovativeness and interoperability. The main focus is on localised solutions that are fit for each small region. It focuses on tailored, small-range innovation.



CrossOver GovTech

A magnificent, fully interoperable government, like a myth. Nonetheless, internal and external factors do not allow any improvement in terms of innovativeness.

EU GovTech2050 Roadmap: paving the way!



2025

□ Building the GovTech Ecosystem foundations

□ Accelerate adoption of digital governance in education

□ Launch dedicated GovTech impact funds to drive innovation

□ Encourage experimentation and forward-thinking

□ Implement standardized, interoperable digital platforms across the EU

2030

□ Scale up training initiatives with personalized programs for public administrations

□ Deploy strategic public procurement frameworks to involve SMEs and startups

2035

□ Promote citizen involvement in co-creating GovTech solutions

EU GovTech2050 Roadmap: **setting the stones!**



2035

□ Establish modular EU-wide public service ecosystems

□ Design funding frameworks to promote GovTech-as-a-Platform

□ Strengthen multi-stakeholders' partnerships and collaboration

□ Advance GovTech-specific academic programs and data governance

□ Implement harmonised standards for digital public services across EU Member States

2040

□ Building a Resilient Talent Pipeline to ensuring continuous innovation

□ Foresight and adaptability to anticipate technological and governance shifts

2045

□ Prioritise environmentally sustainable GovTech projects

EU GovTech2050 Roadmap

What if?



2050

- ▣ **Global GovTech Leadership:** Establish the EU as a leader in digital governance transformation through fully interoperable, sustainable, and innovative GovTech solutions
- ▣ **Automation and Efficiency:** Use AI-driven automation to handle repetitive regulatory tasks, freeing human resources for strategic roles leveraging on functioning GovTech ecosystem
- ▣ **Self-Sustaining Innovation:** Foster a continuous process of GovTech innovation to improve productivity and inclusiveness especially through new AI-enabled governance models
- ▣ **Attracting Talent and Investment:** Position the EU as a hub talent and foreign investment, transforming its GovTech ecosystem as a model for collaborative and resilient governance

How to get there?

10 Policy Recommendations



1. Develop initiatives that foster a culture of innovation and data-driven decision-making within the public sector
2. Strengthen the Interoperability frameworks to ensure GovTech solutions are scalable across the EU
3. Promote a shift from technology-centric to problem-centric approaches
4. Design specific funding instruments allowing for risk-taking and experimentation with GovTech solutions
5. Launch campaigns to rebrand Public Administration as a dynamic and innovative sector to attract young talent
6. Implement regulatory sandboxes to test new technologies safely
7. Fund dedicated research on GovTech and innovation in the public sector
8. Encourage the development of GovTech solutions that contribute to environmental objectives
9. Establish dedicated GovTech financial support mechanisms.
10. Foster initiatives that engage citizens in the development and deployment of GovTech solution

How to get there?

Results from the expert workshop



- **Competitiveness** of **procurement** as a **leverage** for the **govtech ecosystem**
- **Regulatory fragmentation** and **political reluctance** as main **barriers** to interoperability
- **Risk aversion** and **vendor lock in** as main **barriers** to the percentage of **public procurement** spent on **innovation**
- **Procurement** and **service (co)-design** as **priorities** for **upskilling** civil servants

How to get there?

Three keywords



Ecosystem

Conditionality

Impact

Shaping the Future of Govtech in the EU

Super Mario's Advise!

“In order for the EU to become competitive again, an improved financial framework for breakthrough innovation, start-ups and scale-ups is required”.

“The next step is encouraging innovative start-ups to scale up in Europe by removing regulatory hurdles”.

"Europe must profoundly refocus its collective efforts on closing the innovation gap with the US and China, especially in advanced technologies”.





GovTech Connect

Transforming Government, Together

Thank You

https://www.linkedin.com/company/govtechconnect?trk=public_post_feed-actor-name

<https://joinup.ec.europa.eu/collection/govtechconnect/about>

<https://twitter.com/GovTechConnect>

intellera
consulting



the Lisbon Council
think tank for the 21st century



POLITECNICO
MILANO 1863
DIPARTIMENTO DI DESIGN

Coming up next...

Main stage
(here)

[Panel Discussion/](#) **Building an Interoperable
European GovTech ecosystem**

14:55 – 15:45

Main stage
(here)

Public Sector Tech Watch Ceremony & Panel

15:50 – 17:05

Panel Discussion / Building an Interoperable European GovTech ecosystem

Timing : 14:55 – 15:45



Moderator

**Giovanna
Galasso**

Partner leading the
EU Institutions
Account,
Intellera Consulting



**Andrea
Halmos**

Deputy Head of Unit,
Interoperability & Digital
Government,
*European
Commission DG
DIGIT*



**Damir
Medved**

Director,
*European Digital
Innovation Hub
Adriatic Croatia*



Wouter Welling

Program
Director,
*DIGICAMPUS
Netherlands*



**Kamila
Gasinska**

Board Member,
*GovTech4all;
GovTech Global
Alliance*



**Tamara
Szrentić**

Tech Ambassador;
Former Minister,
*Digital
Transformation of
Montenegro*

Public Sector Tech Watch 2024

Award Ceremony & Panel

Timing : 15:50 – 17:05

**PUBLIC
SECTOR
TECH
WATCH**



Stefanos Kotoglou
DG DIGIT,
European Commission



Luca Tangi
Project Officer, Joint Research
Centre, *European Commission*

PUBLIC SECTOR **TECH** WATCH

Best Cases Award Ceremony

GovTech Connect Assembly
Brussels, Comet Louise - 28th November 2024, 16:00 – 17:15 (CET)

Agenda

- 16:00 **Opening** *with Stefanos Kotoglou (DIGIT) and Luca Tangi (JRC)*
- 16:15 **Government to Government (G2G) Award announcement**
- 16:25 **Government to Citizen (G2C) Award announcement**
- 16:35 **Special mentions for G2C, G2G, Interoperability and Holistic innovation solutions**
- 16:45 **Panel: Implementing and scaling successful use cases** *with awarded organisations' representatives*
- 17:10 **Closing**

Our distinguished moderators



**STEFANOS
KOTOGLOU**

Project Officer – EC, DG DIGIT

Responsible for steering the GovTech and PSTW activities, he focuses on developing the GovTech ecosystem engaging all relevant actors and establishing collaboration between them.



LUCA TANGI

Project Officer at the EC Joint
Research Centre (JRC)

Scientific project officer leading the research on the adoption of Artificial Intelligence and emerging technologies in the public sector.

the GovTech ecosystem



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The Public Sector Tech Watch



What is it?

The EC observatory on the use of emerging technologies (AI, blockchain, etc.) in the EU Public Sector



For whom is it?

Public sector officials, policy makers, companies, and academia, interested in the latest public innovation trends



Why has it been created?

To establish a community for discussing opportunities on the use of emerging technologies for the public sector, to pool and disseminate knowledge about it

Join the community

To **suggest content to be showcased** (related news, reports, etc.), **receive notifications** and be directly **invited to events**.



Join this collection



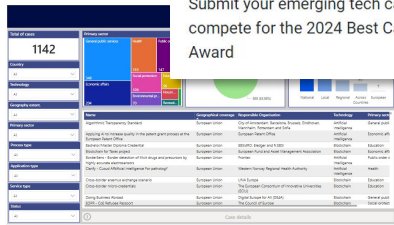
Report your Cases

As service providers and public sector official you can **submit your own use case** of emerging technologies to inspire others.



Submit your case

Submit your emerging tech case and compete for the 2024 Best Case Award



The (new) Public Sector Tech Watch



PUBLIC SECTOR **TECH** WATCH

Insights from the new report



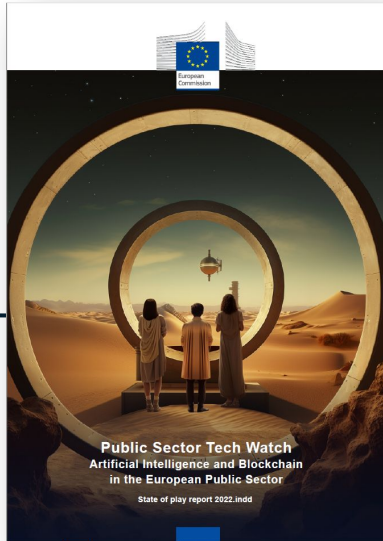
Download the report!

Public Sector Tech Watch Adoption of AI, Blockchain and other emerging technologies within the European public sector

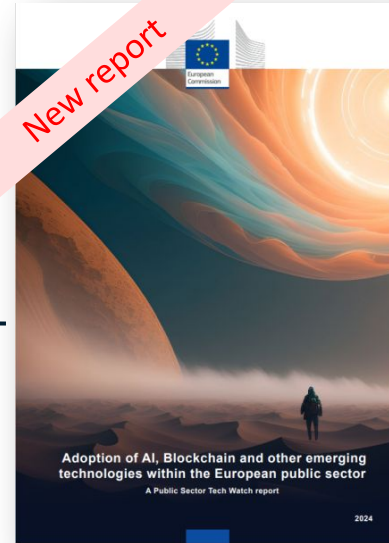
Download
here!



May 2024



Nov 2024





Insights from the new report



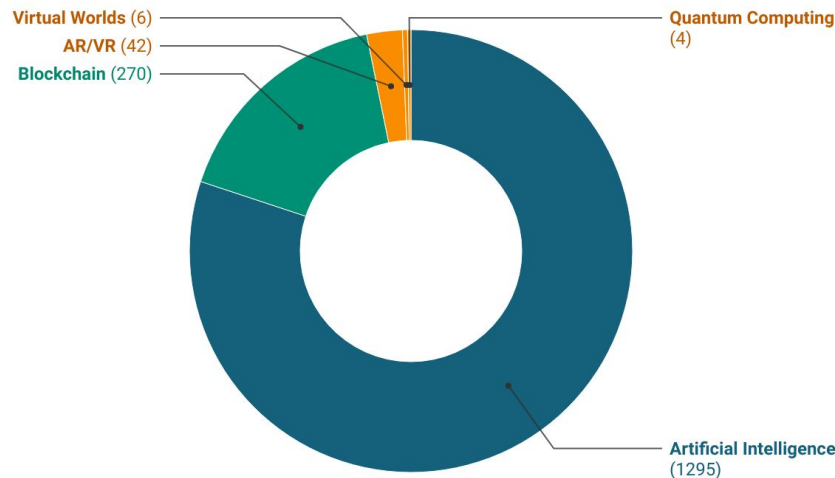
1617 cases (+500)

from across EU-27 and
neighbouring countries



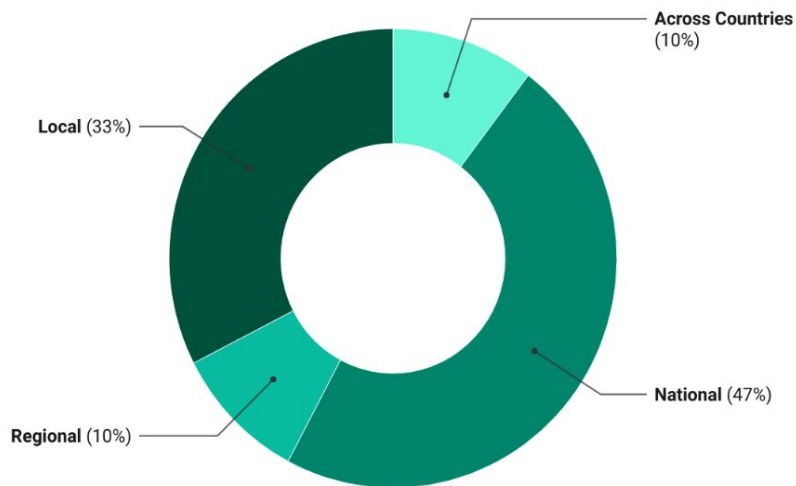
**New
technologies**

quantum computing, virtual
worlds and AR/VR



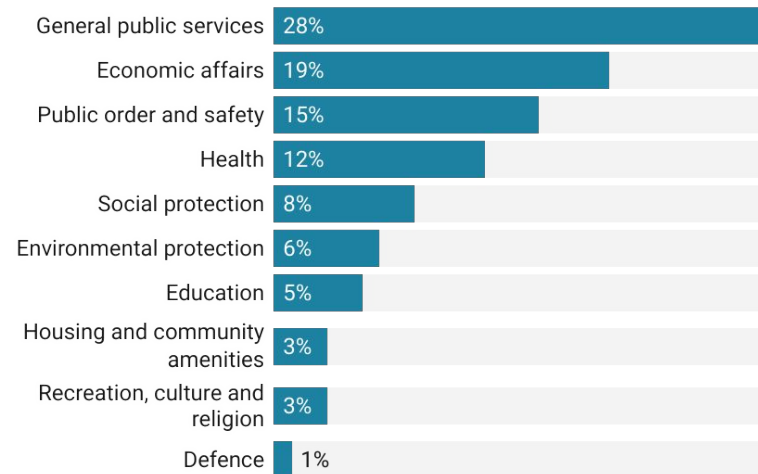


Distribution of cases across levels of administration



Almost half of the cases are implemented or piloted at the national level, followed by local (33%) and regional and across-countries projects.

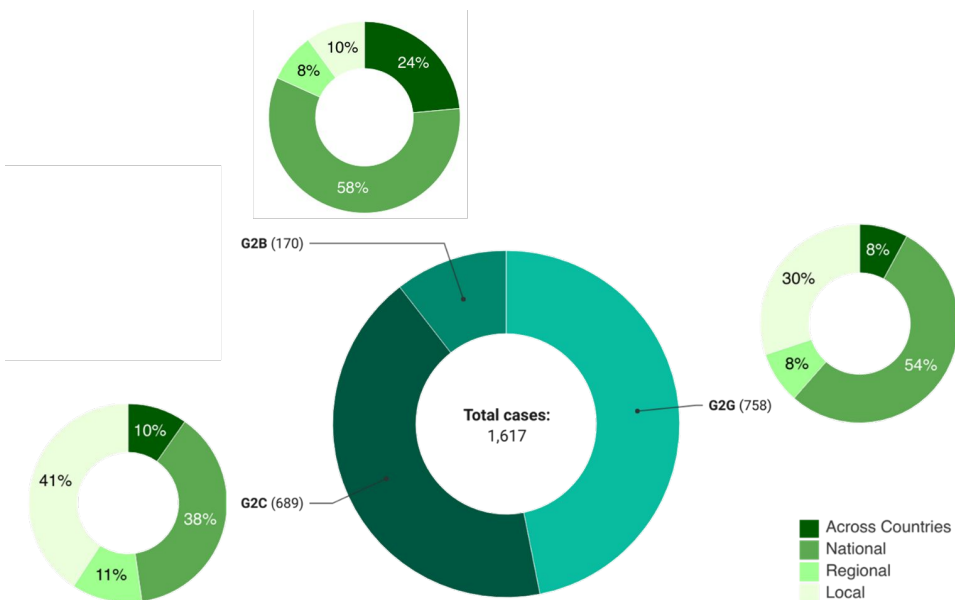
Distribution of cases across functions of government



Most of the cases are implemented or piloted within general public services, economic affairs, public order and safety and health areas.



Distribution of cases according to administrative level and e-government interaction.

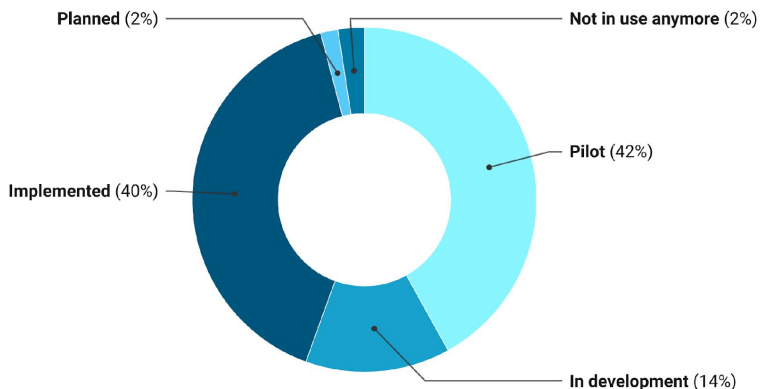


Relatively more G2C cases are found within local administrations, indicating their crucial role in driving the digital transformation of public services. Central-national organisations seem to be more focused in streamlining administrative efficiency with emerging technologies. On the other end, local administrations prioritise innovating and improving public services for citizens.



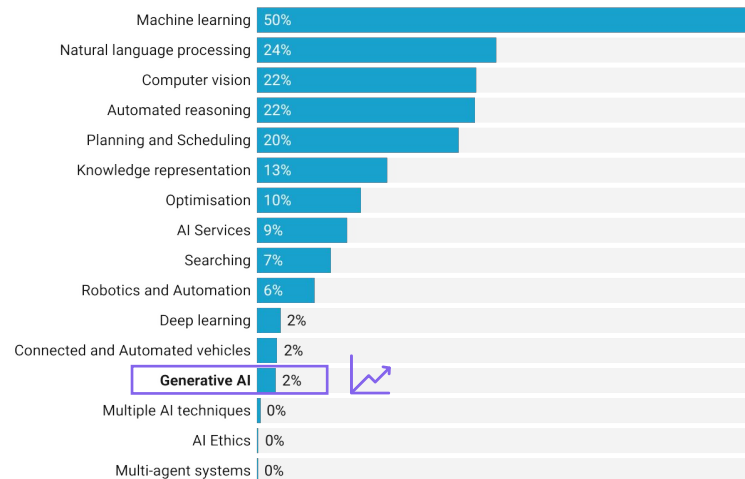
The use of AI in the European Public Sector

Distribution of AI cases by status of development



Most solutions are either pilots or still in development.
40% are already implemented

AI cases by type of subdomain



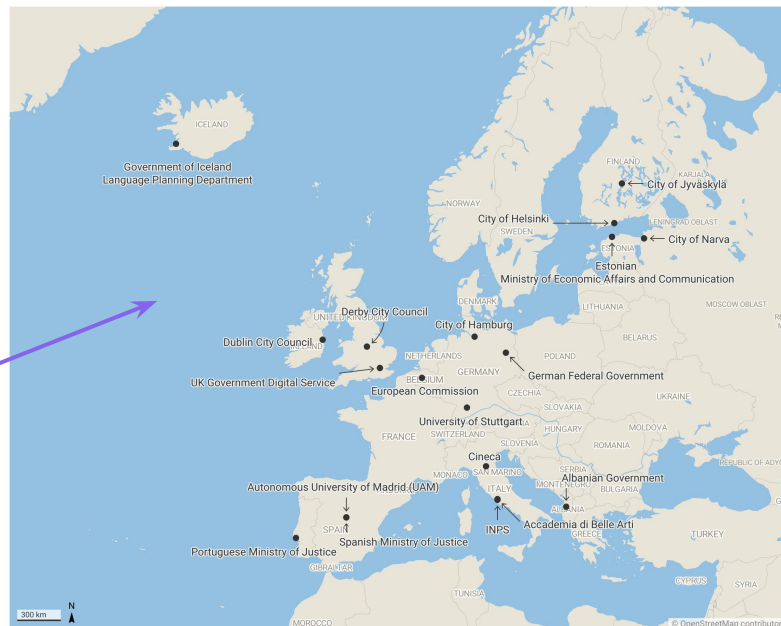
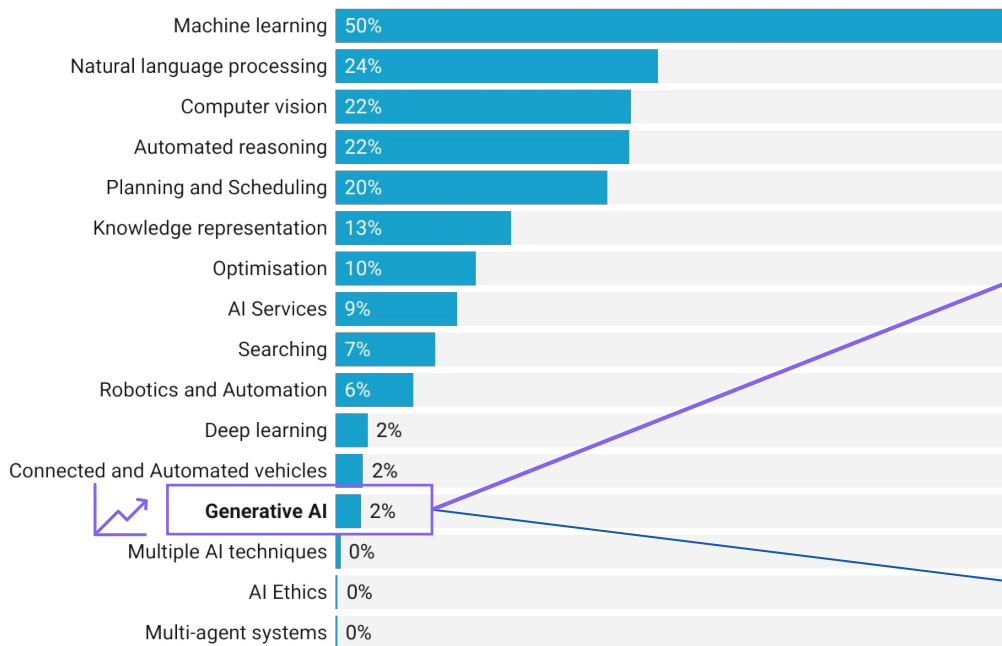
New! 2% of the AI cases in the PSTW are
Generative AI based



FOCUS ON Generative AI



AI cases by type of subdomain

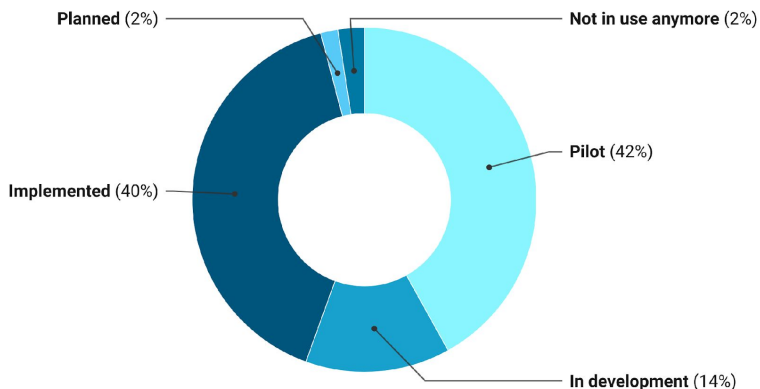


2% of the AI cases in the PSTW are Generative AI based. It is spreading across administrations really fast!

The use of AI in the European Public Sector

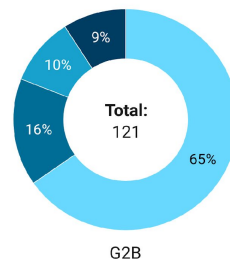


Distribution of AI cases by status of development

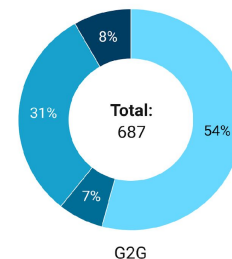
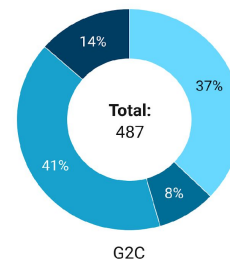


Distribution of AI cases by type of e-government interaction and level of administration

■ National ■ Across Countries ■ Local ■ Regional



Created with Datawrapper



Most solutions are either pilots or still in development. However, the 40% of cases are already implemented, possibly indicating that the AI diffusion stage is shifting from early adopters to early majority.

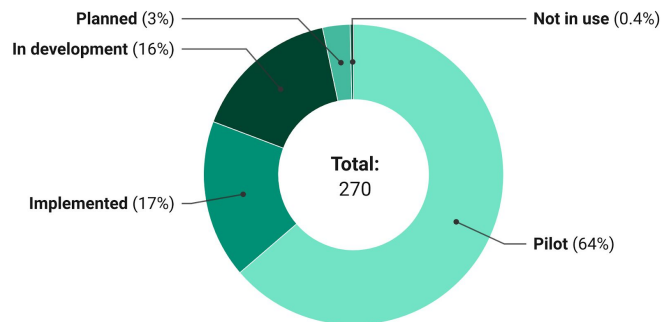


AI cases that affect G2C interactions are implemented or piloted relatively more at local level compared to the national one (41% compared to 31% of cases), while G2G solutions show the opposite (54% compared to 37%)



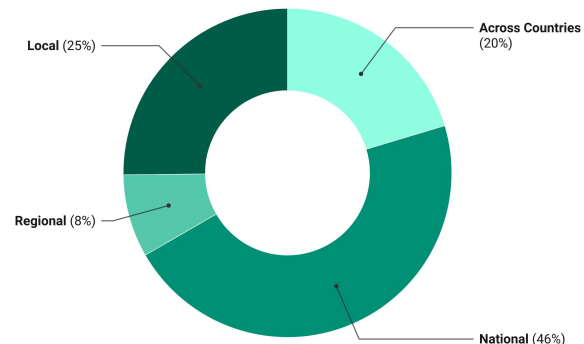
The use of Blockchain in the European Public Sector

Distribution of Blockchain-based cases by status of development



Created with Datawrapper

Distribution of Blockchain-based cases according to administrative level



Created with Datawrapper



The largest portion of cases collected are pilots

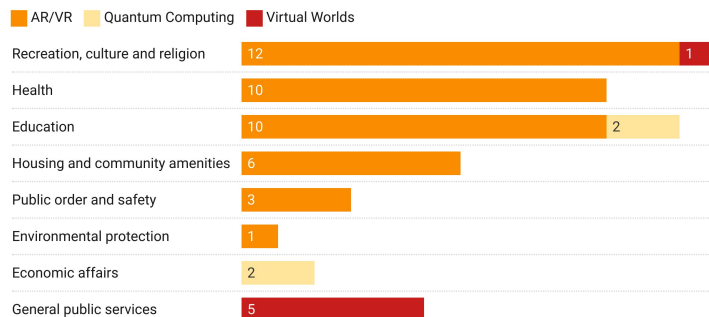


National administrations continue to be the most prominent players

Other emerging technologies' adoption in the European Public Sector



Distribution of other emerging technologies across functions of government.



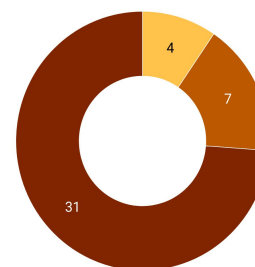
Created with Datawrapper



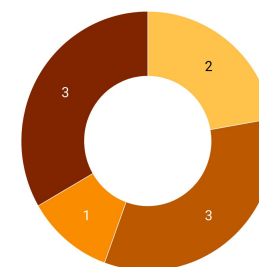
Most of the AR/VR application is within education and recreation, culture, and religion functions of government. In the case of education and recreation, VR/AR technologies are used and piloted to improve the user experience in formation courses or to enhance visitors' experience in public museums.

Emerging technologies cases by type of service and level of administration

Across Countries National Regional Local



G2C



G2G

Created with Datawrapper



The distribution of cases of other emerging technologies by type of service and level of administration is strongly skewed towards local administrations and G2C services.



Recommendations for Public Administrations

Public administrations should...

- **Develop mechanisms for ongoing knowledge sharing**, adopt open-source solutions, establish shared repositories, and leverage EU-supported infrastructures
- **Assess the 'implementability' of the projects** at the early stages of the experimentation process, to decrease the likelihood of discontinuing pilot initiatives
- **Engage in experimenting with AR/VR, and Virtual Worlds technologies** to gain insights into their advantages
- **Promote ongoing research, knowledge acquisition, and increased awareness** regarding the adoption of novel AI technologies, such as Generative AI and General Purpose AI, within the public sector
- **Get the necessary knowledge and tools to evaluate the risks and impacts** of their AI solutions and transparently share these evaluations with the public
- **Seek out and integrate innovations by collaborating with SMEs and startups**

4

BRAND NEW REPORTS ABOUT AI, BLOCKCHAIN AND GOVTECH IN THE PUBLIC SECTOR

Check out the
knowledge
centre!



Agenda

- 16:00 **Opening** *with Stefanos Kotoglou (DIGIT) and Luca Tangi (JRC)*
- 16:15 **Government to Government (G2G) Award announcement**
- 16:25 **Government to Citizen (G2C) Award announcement**
- 16:35 **Special mentions for G2C, G2G, Interoperability and Holistic innovation solutions**
- 16:45 **Panel: Implementing and Scaling successful use cases** *with awarded organisations' representatives*
- 17:10 **Closing**

Best Case Award



Evaluation Criteria

- ✓ Public value creation and technology adoption
- ✓ Openness and transparency
- ✓ User-Centricity, engagement, and collaboration
- ✓ Scalability and reusability
- ✓ Technology's innovativeness

Government to Government (G2G) Award

City of Helsinki

Reimagining Helsinki: Participatory Urban Planning with Generative AI

Government to Government (G2G) awardee

Reimagining Helsinki: Participatory Urban Planning with Generative AI



Responsible organisation: City of Helsinki

Administrative level: Local government

Technology: Artificial Intelligence (Generative AI)

Reason for selection: This project was selected for its use of Generative AI to enhance citizen participation in urban planning. It stood out due to its ability to provide a more inclusive, interactive planning process, allowing citizens to contribute directly to decisions about their neighborhoods and city spaces. The project's focus on citizen engagement, combined with the application of AI technology, demonstrated an effective approach to modern urban governance.



HENNA HOVI
City of Helsinki

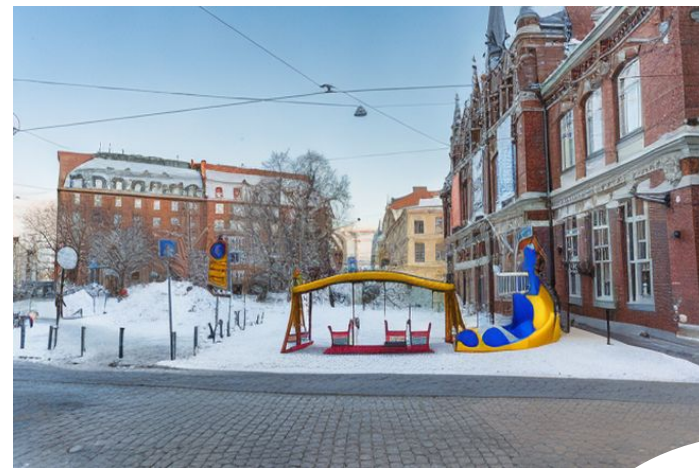
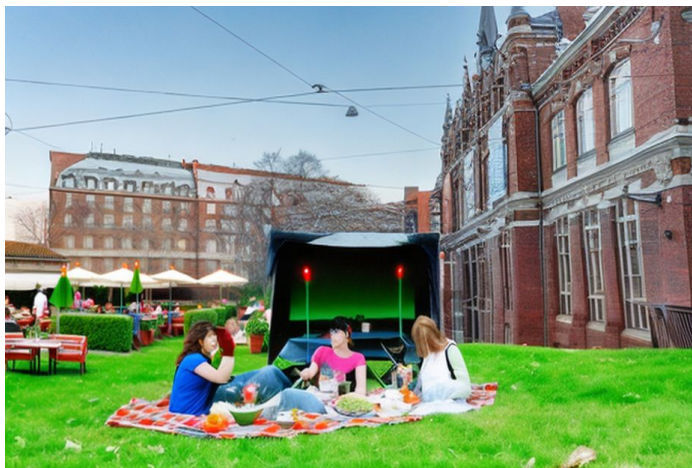
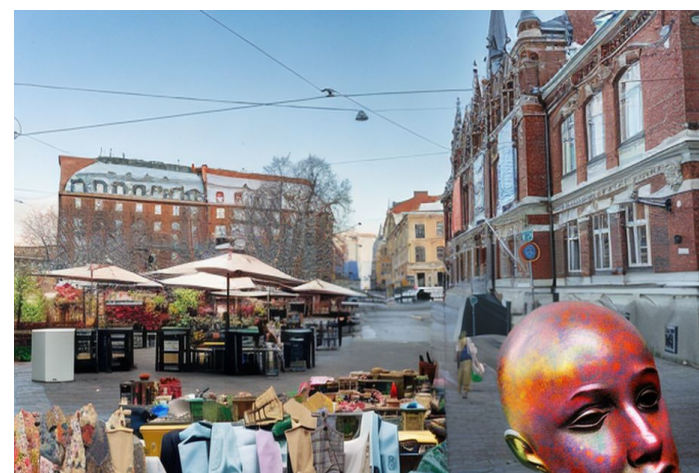
Henna Hovi is an urban planner at the Helsinki Urban Planning Department. With extensive experience in urban development and citizen engagement, she focuses on creating inclusive and sustainable solutions that involve the public in urban planning and decision-making processes.

Reimagining Helsinki: Participatory Urban Planning with Generative AI

Objectives

- Users feel that summer streets improve the pleasantness of the street
The number of people and the time that they spend increase on summer streets through implementation
- Summer streets have a positive business impact and increase the vitality of Helsinki. When planning and implementing summer streets, residents, entrepreneurs and those working in the area are activated, and their activities and needs are taken into account
- Summer streets support the achievement of transport emission reductions
- Summer streets support the parking policy's objectives of transferring on-street parking spaces to underground parking facilities
Ensuring good accessibility on summer streets and in their vicinity
The benefits achieved from summer streets exceed the resources invested in them.







"A completely empty intersection became a space that felt lively, was full of people and was for people and encounters between them"



"I didn't think of it as a square before now"

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Government to Citizen (G2C) Award

Ministry of the Presidency, Justice and Relations with the Courts

Bringing Justice closer to citizens through digitalisation: Virtual
Desktop of Digital Immediation

Government to Citizen (G2C) awardee

Bringing Justice closer to citizens through digitalisation: Virtual Desktop of Digital Immediation

Responsible organisation: Ministry of the Presidency, Justice and Relations with the Courts

Administrative level: National government

Technology: Blockchain

Reason for selection: The Ministry of the Presidency, Justice and Relations with the Courts, Spain, was selected for this award due to its commitment to leveraging innovative technology to improve public services. The project stood out for its strong emphasis on public-private cooperation, demonstrating a successful partnership between the ministry and leading technology firms to create a secure digital platform for legal services.



ANTONIO DANIEL PERNÍA AZNAR

Ministry of the Presidency, Justice
and Relations with the Courts

Head of the Horizontal Products Center within the Directorate General for Digital Transformation of the Administration of Justice. He oversees digital initiatives that enhance efficiency and accessibility in the justice system, improving citizen interactions with legal services.

What is EVID?



It is a **VIRTUAL DESKTOP** which allows **procedures to be managed** via videoconference with a predefined agenda, elements to be answered by the participant(s), a shared documentation space, recording of the session and generation of all the electronic evidence necessary **to provide all the necessary guarantees during its execution, as well as their custody.**

EVID has a High level ENS Certification

The use of EVID allows **catering for the citizen, with exactly the same guarantees**, as if they were in person before us in the office.



Meetings management



Citizen authentication



Secure exchange of documents



Agenda



Multi-device videoconferencing



Preparation of the minutes



**Minutes with body stamps
(CSV) in sedejudicial.es**



Recording of the meeting



Meeting traceability



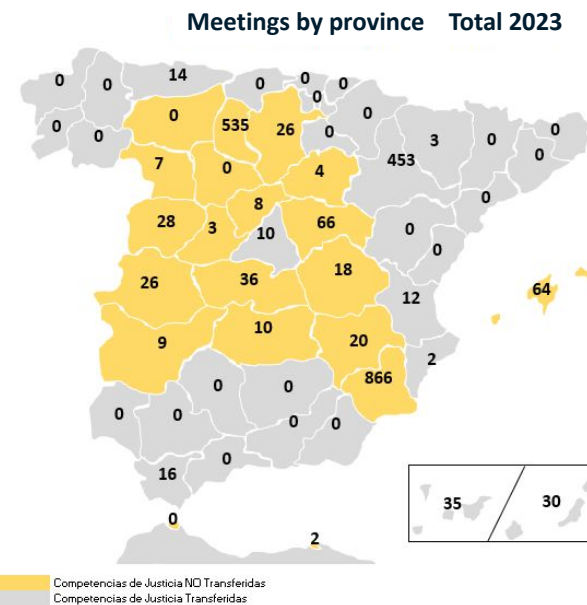
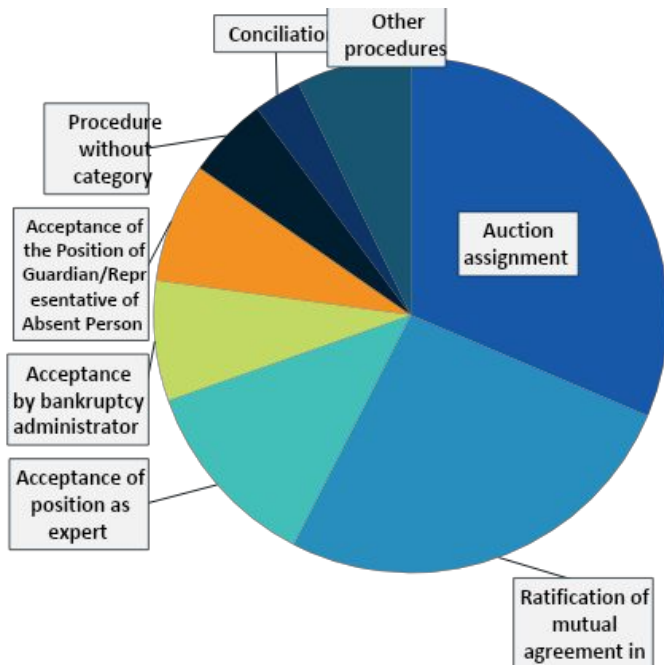
Evidence collection

In order to guarantee any procedure, EVID has created more than 50 items that record different events which occur in the application. These items of evidence range from the creation of the meeting itself to the completion of the justification for the action taken. Evidence can be as large as a recording of the entire meeting, or as small as a click.

What can be done with EVID

There are over 40 available procedures in EVID

Updated data October 2024





BENEFITS

Increases security



*Ensuring the authenticity of citizen identification, using a **Digital Certificate or Cl@ve**, complying with all confidentiality guarantees.*

Increases reliability



Preparing a justification of the action carried out that is cryptographically sealed, and that includes the most relevant actions of the videoconference carried out.

More social and inclusive



It enables the elimination of social and digital barriers by allowing the participation of authenticated attendees and generating comprehensible documents.

Cost savings



It generates a positive impact on the economy by allowing judicial procedures to be carried out from anywhere in the world without any type of travel.

Greener



For every 100 meetings held using EVID, it is estimated that 2,000 km of travel time and 0.33 tons of CO2 emissions are saved.

Empty Spain



It allows citizens and FFCCS (who authenticate themselves with a pseudonym certificate) to not have to travel to carry out judicial procedures.

Work from home



Allows civil servants to work remotely from home.

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Special mentions

Government to Citizen (G2C) category

**Xunta de Galicia - Consellería de
Emprego, Comercio e Emigración**
*EMi Emprego Intelixente (EMi Smart
Employment)*

Government to Government (G2G) category

**Italian Social Security and Welfare
Administration (INPS)**
*AI to streamline the sorting of certified
emails (CEs)*

Interoperability

Estonian Ministry of Climate
*eFTI4EU - Making the Future of Freight
Transport Digital*

Most holistic innovation

**Ministry of the Presidency, Justice
and Relations with the Courts**
*Robotic Process Automation in the
Administration of Justice*

Special mention for the G2G category

AI to streamline the sorting of certified emails (CEs)

Responsible organisation: Italian Social Security and Welfare Administration (INPS)

Administrative level: National government

Technology: Artificial Intelligence

Reason for selection: This project was recognised for its innovative application of AI to address a common administrative bottleneck in handling large volumes of certified communications. Its focus on automating routine tasks and improving response times makes it a scalable solution with potential for adoption in other public sector organizations. The project demonstrates INPS's commitment to operational efficiency and highlights how AI can be effectively integrated into government services to enhance service delivery and responsiveness.



EMANUELE COLINI

Italian Social Security and Welfare
Administration (INPS)

Responsible of the Agile enablement & Delivery Office. With over 15 years leading challenging digital and organisational innovation projects for international companies, he governs the strategic and operational integration of IT projects, with particular emphasis on Artificial Intelligence.

Special mention for the G2C category

EMi Empleo Inteligente (EMi Smart Employment)

Responsible organisation: Xunta de Galicia - Consellería de Empleo, Comercio e Emigración

Administrative level: Regional government

Technology: Artificial Intelligence

Reason for selection: This project was selected for its innovative use of artificial intelligence to transform public employment services. Additionally, the project's emphasis on digital inclusivity ensures that citizens across Galicia, regardless of their location, have access to high-quality employment support. The combination of an adaptive AI system and its practical application in addressing real-world employment challenges makes this project a prime example of how technology can be leveraged to deliver tailored public services that meet individual needs.



JOSÉ VÁZQUEZ GONZÁLEZ
Xunta de Galicia

Regional Minister for Employment, Commerce and Emigration at the Xunta de Galicia, where he is promoting digital transformation efforts to improve how employment services are delivered to citizens, including through the application of AI and other technologies

Special mention for Interoperability

eFTI4EU - Making the Future of Freight Transport Digital

Responsible organisation: Estonian Ministry of Climate

Administrative level: National government

Technology: Blockchain

Reason for selection: This project was recognised for its excellence in cross-border interoperability, effectively using blockchain to optimise freight logistics and create a more efficient and secure system for transporting goods across Europe.



EVA KILLAR
Ministry of Climate

Head of the Mobility Development and Investments Department at the Estonian Ministry of Climate and serves as the eFTI4EU project coordinator. With a deep understanding of mobility and transportation policies, Eva leads the strategic development of initiatives that drive innovation in cross-border transport systems.

Special mention for Most Holistic Innovation

Robotic Process Automation in the Administration of Justice

Responsible organisation: Ministry of the Presidency, Justice and Relations with the Courts

Administrative level: National government

Technology: Artificial Intelligence

Reason for selection: This project was selected for its holistic approach to modernising the legal administration through automation, focusing on improving efficiency and reducing the manual workload in judicial processes. By automating repetitive and time-consuming tasks, the project significantly reduces the manual workload in judicial processes, allowing legal professionals to focus on more complex and value-added activities. The use of automation improves overall efficiency, speeds up case handling, and minimises administrative bottlenecks.



ANTONIO DANIEL PERNÍA AZNAR

Ministry of the Presidency, Justice and Relations with the Courts

Head of the Horizontal Products Center within the Directorate General for Digital Transformation of the Administration of Justice. He oversees digital initiatives that enhance efficiency and accessibility in the justice system, improving citizen interactions with legal services.

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Panel: Implementing and Scaling successful use cases *with...*



HENNA HOVI

Urban planner at the
Helsinki Urban Planning
Department @ City of
Helsinki

EMANUELE COLINI

Responsible of the Agile
enablement & Delivery Office
@ INPS



EVA KILLAR

Head of the Mobility Development
and Investments Department
@ Ministry of Climate



**JOSÉ VÁZQUEZ
GONZÁLEZ**

Regional Minister for Employment,
Commerce and Emigration
@ Xunta de Galicia



**ANTONIO DANIEL
PERNIA AZNAR**

Head of the Horizontal Products
Center
@ Directorate General for Digital
Transformation, Ministry of Justice



PUBLIC SECTOR TECH WATCH

Agenda

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Thank you!

Do you have any questions or feedback? Contact us at:

*digit-public-sector-tech-watch@ec.europa.eu
govtechconnect@intelleraconsulting.com*



The GovTech Connect Startup Award Ceremony



Alexander de Carvalho

CEO,
PUBLIC

PUBLIC

GovTech Connect Award Nominees

Northern Europe



Western Europe



Southern Europe



Central Eastern Europe

VivaDrive

And the winner is...

GovTech Connect Winner



Arthur Alba
CEO,
StreetCo



Closing Word from the GovTech Connect Team



Giovanna Galasso

Partner leading the EU Institutions Account,
Intellera Consulting

 **intellera**
Part of **Accenture** Group

GovTech Connect Exploitable Results

Trainings on EU Academy and GovTech Reusable Portfolio

1. Use post-its of different colours to identify the roles of your stakeholders.
Define the categories according to your project.
Some examples might be:

DATA OWNER, PROVIDER, CURATOR, CREATOR, ...



SERVICE PROVIDERS



USERS



IMPACTED PEOPLE, ORGANIZATIONS, ...



OTHERS (TO DEFINE)



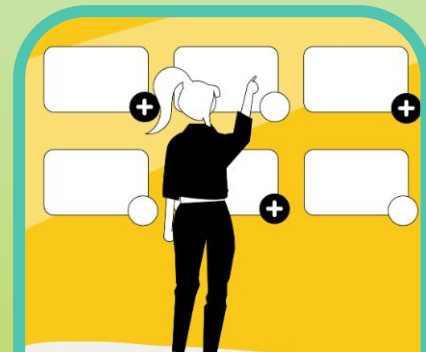
Foresight & GovTech Market Study with Policy Recommendations



GovTech Community



Boot camps Methodology



Resources on the Portal, Catalogue of startups & GovTech initiatives

Key Policy Recommendations

- Promote spaces of **integration and networking** between public sector and startups
- Develop initiatives that foster a **culture of innovation and data-driven decision-making** within public administration and promote a shift from technology-centric to **problem-centric approaches**
- Strengthen the **Interoperability frameworks** to ensure GovTech solutions are scalable across the EU
- Consider creating **funding mechanisms** for
 - pilot projects that allow for risk-taking and experimentation with GovTech solutions,
 - dedicated research on GovTech and innovation in the public sector
 - other GovTech financial support mechanisms
- Launch campaigns to **rebrand Public Administration** as a dynamic and innovative sector to attract young talent
- Collaborate with the **forthcoming Interoperability Regulatory**, to test new technologies safely in controlled environments

Let's celebrate a great event!

Join us for drinks & canapés on the 1st Floor

