IE Govtech List
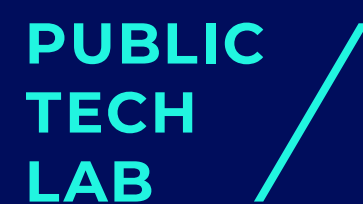
A sample selection of the top 100 startups delivering solutions to government´s toughest challenges

ie SCHOOL OF GLOBAL & PUBLIC AFFAIRS

PUBLIC TECH LAB

2020 Edition
Ibero-America

Govtech is an ecosystem of digital startups, scaleups and SMEs designing solutions for the fundamental challenges currently facing public administration

The IE Govtech List 2020 contains information about the top 100 digital startups, scale ups and SMEs who are offering solutions to the critical problems faced by public administration. Solutions that could help prevent bullying in schools, improve patients´ hospital experiences, simplify the management and running of cities, or secure technological accessibility to administrative services for people with disabilities. These are just some of the many Govtech solutions for public institutions who are striving to design services based on real human needs.

Intensive investigative work was undertaken to identify existing Govtech startups in the main entrepreneurial markets of Ibero-America (Argentina, Brazil, Chile, Colombia, Spain, Mexico, Portugal and Uruguay). The solutions identified have been classified under four different categories: Public Service Provision, Public Sector Integrity & Management, Digital Infrastructure, and Democratic Quality.

All the identified startups have gained market traction and their experience ranges from startups working with their first clients, to consolidated scaleups who are receiving investment - in some cases - of up to 30 million dollars. They have diverse business models with some startups dealing exclusively with clients in the public sector, while others have a mixed model of both public and private clients. While some of these startups have well-established products in the market, many of them have not yet worked with government entities. This further highlights the tremendous untapped opportunity that Govtech represents.
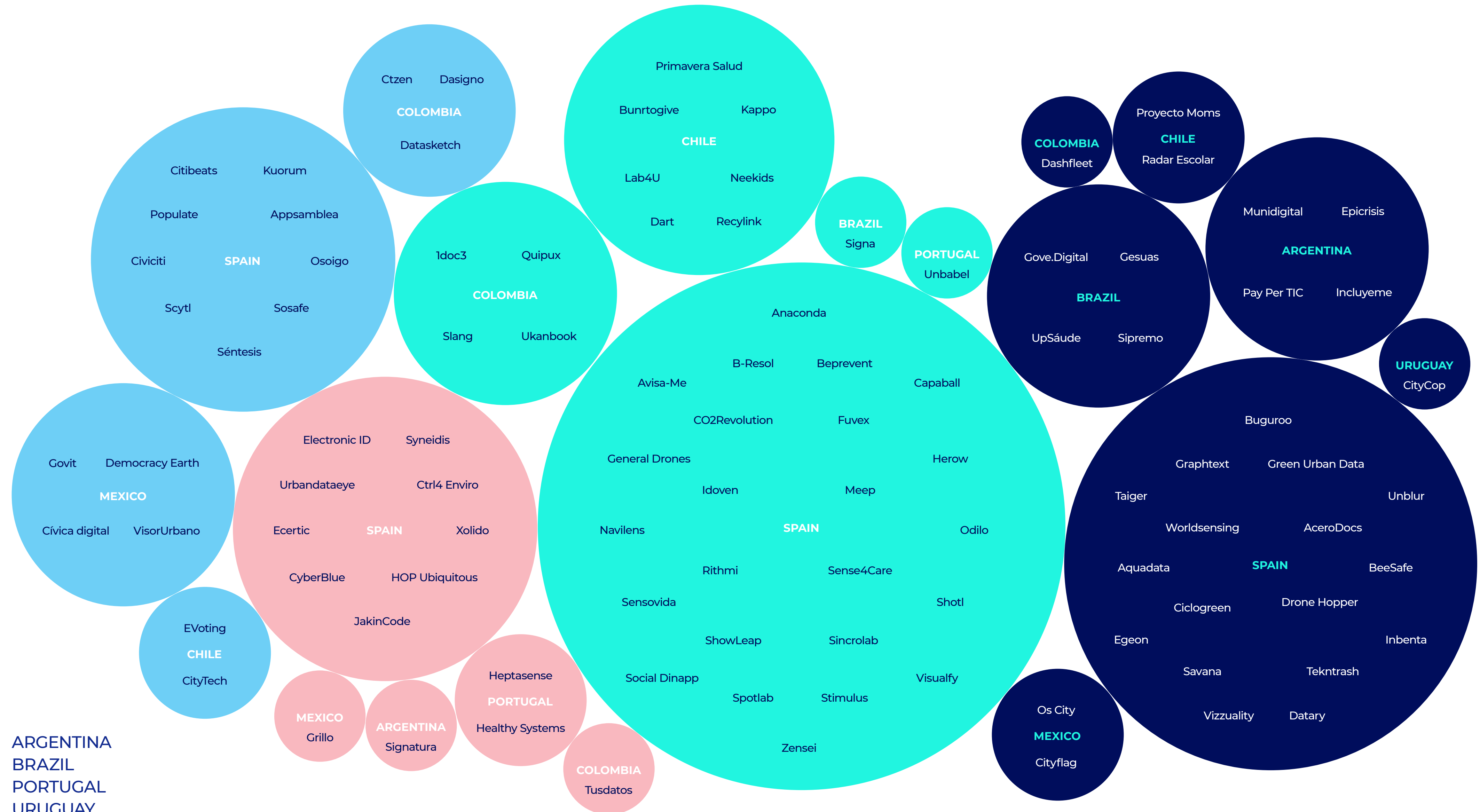
The majority of solutions focus on improving the provision of services (37%) and public management (31%), which indicates that digital startups and SMEs have the potential to deliver high value in the 'last mile' of citizens' services, as well as in day to day operations and decision-making processes of public organizations.

Amongst the sectors and categories highlighted on the list we can find industries who, when it comes to the world of innovation, are in it for the ´long haul´, such as health and education, as well as others who have gained increasing significance in recent years, such as participation and transparency within the Open Government category. Urban spaces are home to the main Govtech innovation laboratories in areas such as smart management, accessibility and mobility, indicating that cities are the central focus of startups' proposed solutions.

Another key finding is the relevance of data-based approaches, with a great number of startups offering solutions to leveraging data to explore, analyze, and interpret trends. This helps public institutions predict behaviour, identify inefficiencies, influence policies, and evaluate key decisions.

With this list we aim to highlight the widespread innovation available in the market and bring these solutions to the attention of public officials. By doing so, we believe we can achieve two key objectives: promote digital transformation in the public space and generate opportunities for innovative businesses in our environment.

We want to help our public institutions in attracting the best innovation out there in order to provide people with the best possible services

Legend:
- SERVICE PROVISION
- PUBLIC SECTOR INTEGRITY AND MANAGEMENT
- DIGITAL INFRASTRUCTURE
- DEMOCRATIC QUALITY

COLOMBIA
Ctzen   Dasigno
Datasketch

SPAIN (Democratic Quality)
Citibeats   Kuorum
Populate   Appsamblea
Civiciti   Osoigo
Scytl   Sosafe
Séntesis

CHILE (Service Provision)
Primavera Salud
Bunrtogive   Kappo
Lab4U   Neekids
Dart   Recylink

BRAZIL
Signa

PORTUGAL
Unbabel

COLOMBIA (Service Provision)
1doc3   Quipux
Slang   Ukanbook

MEXICO (Democratic Quality)
Govit   Democracy Earth
Cívica digital   VisorUrbano

SPAIN (Digital Infrastructure)
Electronic ID   Syneidis
Urbandataeye   Ctrl4 Enviro
Ecertic   Xolido
CyberBlue   HOP Ubiquitous
JakinCode

CHILE (Democratic Quality)
EVoting
CityTech

MEXICO (Digital Infrastructure)
Grillo

ARGENTINA (Digital Infrastructure)
Signatura

PORTUGAL (Digital Infrastructure)
Heptasense
Healthy Systems

COLOMBIA (Digital Infrastructure)
Tusdatos

SPAIN (Service Provision)
Anaconda
B-Resol   Beprevent
Avisa-Me   Capaball
CO2Revolution   Fuvex
General Drones   Herow
Idoven   Meep
Navilens   Odilo
Rithmi   Sense4Care
Sensovida   Shotl
ShowLeap   Sincrolab
Social Dinapp   Visualfy
Spotlab   Stimulus
Zensei

COLOMBIA (Public Sector)
Dashfleet

CHILE (Public Sector)
Proyecto Moms
Radar Escolar

ARGENTINA (Public Sector)
Munidigital   Epicrisis
Pay Per TIC   Incluyeme

BRAZIL (Public Sector)
Gove.Digital   Gesuas
UpSáude   Sipremo

URUGUAY (Public Sector)
CityCop

SPAIN (Public Sector)
Buguroo
Graphtext   Green Urban Data
Taiger   Unblur
Worldsensing   AceroDocs
Aquadata   BeeSafe
Ciclogreen   Drone Hopper
Egeon   Inbenta
Savana   Tekntrash
Vizzuality   Datary

MEXICO (Public Sector)
Os City
Cityflag

59	SPAIN	5	ARGENTINA
11	CHILE	5	BRAZIL
9	COLOMBIA	3	PORTUGAL
7	MEXICO	1	URUGUAY

B-Resol
b-resol.com   SPAIN

EDUCATION
Care services and
Learning platforms

B-Resol is a solution to fight bullying, cyber-bullying, harassment, eating disorders and any type of conflict faced by adolescents. Using mobile technology as an innovative tool so they can alert the situation, it offers safe and immediate support from anywhere to both victims and observers.

Buguroo
buguroo.com   SPAIN

CYBERSECURITY
Tax Authorities

Buguroo applies Deep Learning and Behavioural Biometrics that intelligently identify fraud for online banking platforms. Regulatory compliance PSD2 and GDPR.

Citibeats
citibeats.net   SPAIN

OPEN GOVERNMENT
Data platforms

Text analytics platform based on Artificial Intelligence to transform social Big Data into competitive advantages. Citibeats has been created to improve societies, basing their decisions on the needs of citizens.

CityCop
citycop.org   URUGUAY

**EMERGENCIES AND
PUBLIC SAFETY**
Civic Engagement

CityCop is a social platform for community surveillance that allows fighting crime, actively reporting crimes in a community and receiving real-time information on what is happening in the areas of interest.

Cívica digital
civica.digital   MEXICO

OPEN GOVERNMENT
Civic Engagement

Team specialized in civic technology that develops digital products aimed at organizations, governments and institutions. To strengthen citizen processes, innovate, make them transparent and encourage collaboration with their users, from a dataset to a complete process.

Ctzen
ctzen.co   COLOMBIA

CITIES
Civic Engagement

Ctzen is an application that makes it easier for citizens to report incidents. With it, anyone can report places where they identify a problem (pavements, garbage, lighting, security, etc). Ctzen helps governments to serve citizens in the most efficient way, optimizing the use of their resources.

Dashfleet
www.dashfleet.com   COLOMBIA

CITIES
Mobility

Solutions for the technology needs of public transport companies using the innovative BlackBox and AdBordo cloud software. The system enables services such as passenger counting, driver sleep detection, onboard video surveillance, fleet control and management, and passenger entertainment, among other functions.

Ecertic
ecertic.com   SPAIN

CYBERSECURITY
Identification and credentials

Ecertic is able to identify your customers digitally, anytime and anywhere, without app downloading, directly from the web browser of the device using Image Analysis, Machine Learning and Face Biometrics.

Electronic ID
electronicid.eu   SPAIN

CYBERSECURITY
Identification and credentials

Electronic ID offers digital identification and electronic signature services. Implementations made by eID simplify and accelerate regulatory compliance processes, as well as increase the security of organizations.

EVoting
evoting.cl   CHILE

OPEN GOVERNMENT
Civic Engagement

Chilean company based on two pillars: technological excellence and commitment to responsible participation. It offers a remote electronic voting solution through the Internet, with the highest security standard and an integral service.

Gove.Digital
gove.digital   BRAZIL

PUBLIC FUNCTION
Document management and administrative processes

Gove.Digital provides municipal administrations with a highly scalable SaaS platform that improves fiscal efficiency in small and medium-size cities in Brazil. Its algorithms help to quickly identify inefficiencies and suggest step-by-step solutions to solve them.

Graphext
graphext.com   SPAIN

PUBLIC FUNCTION
Data platforms

Advanced analytical tool that analyses the relationship between apparently 'empty' data and people's habits and behaviour. Its solution makes data science accessible to anyone who wants to explore and analyze large amounts of data.

Green Urban Data
greenurbandata.com   SPAIN

ENVIRONMENT
Data platforms

Through the creation of environmental scorecards, Green Urban Data enables decision-making to develop strategies to improve the environment and the quality of life of citizens.

Healthy Systems
hltsys.pt   PORTUGAL

CYBERSECURITY
Document management and administrative processes

University of Porto's spin-off focused on cybersecurity, auditing and security technologies, and data protection. Its solutions have been applied in hospitals and health institutions.

Idoven
idoven.ai   SPAIN

HEALTH AND WELL-BEING
Monitoring and maintenance

Idoven redefines the diagnosis of cardiac arrhythmias by combining cloud-based artificial intelligence algorithms with wearable technology to prevent heart diseases, strokes and sudden death. The algorithms analyze the electrocardiogram and convert the patterns of millions of heartbeats into clinically relevant medical information.

Kuorum
kuorum.org   SPAIN

OPEN GOVERNMENT
Civic Engagement

Technology consultancy firm expert in participation. They help governments, companies and organizations to open successful participatory and gamified processes. Kuorum is a SaaS that allows local and regional governments to launch a citizen participation website in less than a minute.

Munidigital

munidigital.com   ARGENTINA

CITIES
Smart Management

Web and mobile platform with IoT that integrates the operational areas of the municipality and changes paper for the cloud in information management. From the operational to the managerial, the new management model empowers the municipal worker to achieve greater efficiency, agility and transparency in the provision of services.

Navilens

navilens.com   SPAIN

CITIES
Accessibility

Navilens presents an application that offers maximum accessibility to people with impaired vision. The application has a powerful algorithm based on artificial vision capable of detecting multiple markers at long distances in milliseconds, even with the device in motion and without the need to focus.

Odilo

odilo.es   SPAIN

EDUCATION
Document management and administrative processes

Odilo is the first multi-format digital content lending platform in the world. Libraries, schools, universities and all kinds of companies. Thanks to Odilo, institutions do not have to invest in technology or digital content access agreements, paying only for the content they consume.

Os City

os.city   MEXICO

CITIES
Smart Management

OS City provides an interoperable open source platform for governments to develop their digital layer by avoiding data silos. Using AI and blockchain, different modules are available to increase the efficiency, confidence and sustainability of governments and help them transform themselves into digital services platforms.

Populate

populate.tools   SPAIN

OPEN GOVERNMENT
Transparency

Populate is a strategy and production study on civic engagement. They conceptualize, design and build products and strategies for civic engagement: tools and platforms to help citizens and organizations better understand and interact with the world around them.

Shotl

shotl.com   SPAIN

CITIES
Mobility

Shotl On-demand Shuttles is a mobility platform that matches multiple passengers headed in the same direction with a moving vehicle. It is a flexible bus service, with no established routes or timetables, which available for the user when and where he or she needs it.

Syneidis

syneidis.com   SPAIN

CYBERSECURITY
Document management and administrative processes

Syneidis' objective is to help European companies and institutions protect their privacy and the confidentiality of their data, thank to easy-to-use cyber security tools.

Taiger

taiger.com   SPAIN

PUBLIC FUNCTION
Smart Management

Spanish company that uses AI to process and analyze large amounts of complex documents, automating procedures and reducing operating costs for financial institutions globally, as well as government agencies.

Unblur

unblur.co   SPAIN

**EMERGENCIES AND
PUBLIC SAFETY**
Smart Management

Unblur has created IRIS Core, the first intelligent assistant that helps emergency services (such as firefighters, police and civil protection mainly) with faster and safer decision making during an incident. IRIS Core integrates both static and dynamic information sources, and processes and sorts data in real time.

Worldsensing

worldsensing.com   SPAIN

**INFRASTRUCTURES
AND SUPPLIES**
Smart Management

The mission is to revolutionize the way traditional cities and industries manage their operations, and to provide tools for operational decisions based on real-time data. Worlsensing enables operators to understand the performance of distributed infrastructure, make predictions, improve efficiency and prevent disasters.

Join the IE Public Techlab Network

If you are a startup working in the Govtech space or an institution interested in driving innovation in the public sector, we want to hear from you

People + Policy + Design + Technology
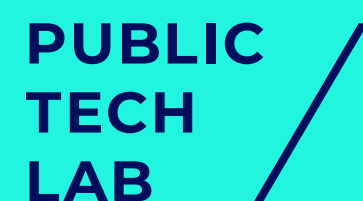
govtechchallenge.es
@publictechlab