

# GovTech Analytics Deck

*Empowering the Future through  
Data-Driven Insights*

# GovTech Analytics: The Offer

**Govtech Analytics (GA)** subsidiary of **Deep Knowledge Group** (DKG) is engaging with regional government authorities and municipalities with vested interests in creating or maintaining world-leading govtch analytics agency on the matter of **establishing as pioneers in harnessing the power of technology.**

Incorporating state-of-the-art government technologies allows municipalities to revolutionize their governance models. The integration of AI in government can streamline regulatory processes, enhance transparency, and deliver more efficient and responsive services.

## Engage with Us Today!

### Consultancy Excellence

"Elevate your GovTech with our expert guidance, achieving seamless modernization and implementation. Explore specialized, interactive industry and technology databases integrated into customized IT platforms for unparalleled analytics."

### White Label Solutions

"Elevate your brand with our customized white-label solutions tailored for specific industry verticals, technological domains, and regional ecosystems. Deliver excellence seamlessly with our hassle-free dashboard solutions."

### Dashboard Subscription

"Empower your journey to a smarter, data-driven future with our AI-driven Big Data Analytics System, featuring extended tools for industry dashboards. Stay ahead with exclusive features and updates, unlocking the full potential of insightful analytics."

### Project Partnership

**Let's collaborate for success.**

**Your vision, our expertise  
– a powerful alliance!**

**Contact us!**

**[info@govtech.global](mailto:info@govtech.global)**

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## **GovTech Analytics**

### **Empowering the Future through Data-Driven Insights**

In the ever-evolving landscape of the digital GovTech sector, GovTech Analytics stands as a beacon of knowledge and innovation. As pioneers in harnessing the power of technology, we pave the way for a future driven by data and nurtured by expertise.

At GovTech Analytics, we serve as your gateway to a future shaped by technology. Our platform offers a comprehensive array of services designed to provide in-depth insights into the Global GovTech Industry. Through advanced analytical methods, we generate detailed reports that navigate the latest trends, conquer challenges, and identify opportunities within the GovTech sector. We understand the importance of data-driven decisions, and our platform is tailored to aid you in making informed choices in this dynamic industry.

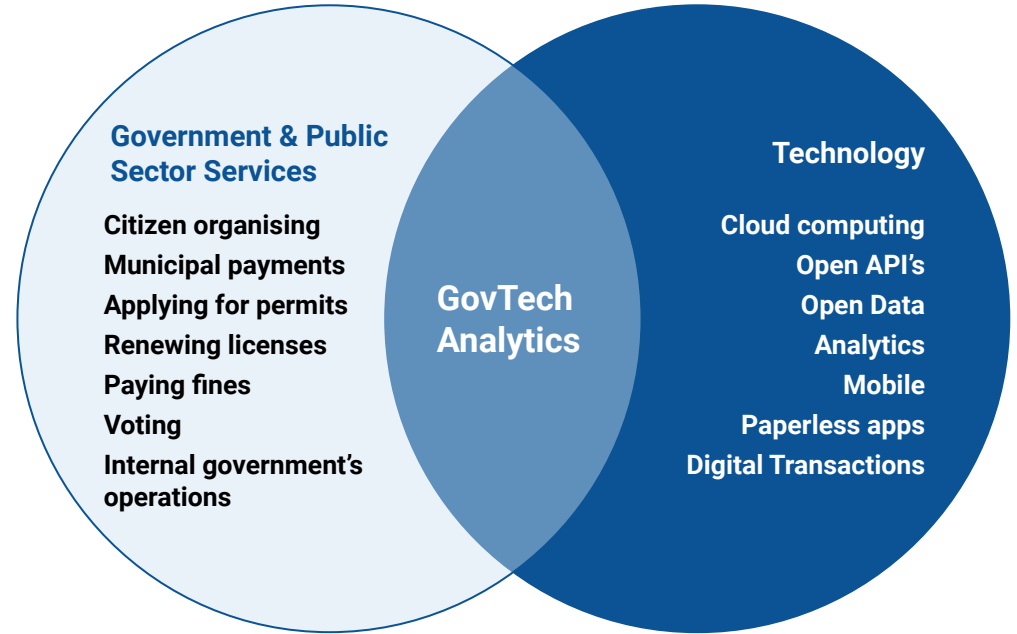
Our mission is to bridge the gap between governments, tech companies, and civil society organizations. By uniting industry leaders and innovators, we foster the development of cutting-edge GovTech solutions. Through collaboration and knowledge exchange, we lay the foundations for a better future. We believe that by empowering our communities with the right information, we can drive meaningful transformation in the GovTech sector.

# About GovTech Analytics

In the dynamic world of GovTech, GovTech Analytics serves as a guiding light, steering companies through the ever-changing landscape. We are architects of change, illuminating the path forward as technology reshapes the future of governance.

At GovTech Analytics, we stand at the forefront of the digital revolution, providing essential insights and strategies for companies to thrive in the GovTech realm. We understand the complexities of this evolving sector and offer expert guidance, enabling businesses to effectively meet citizens' needs, foster innovation, and create seamless collaborations between government, industry, and citizens.

GovTech Analytics is committed to fostering a smarter, more accessible future. With open arms and a dedication to innovation, we lead the way, embracing the challenges of tomorrow. Together, we are crafting a transformed world where GovTech solutions empower societies and drive meaningful change.





# GovTech Analytics: Our Proprietary Approach

Producing GovTech Industry Reports Since 2019

*GovTech Analytics, a flagship initiative meticulously overseen by the esteemed Deep Knowledge Group, stands as an unparalleled open-access hub at the forefront of the evolving Government Technology (GovTech) landscape. At its core, GovTech Analytics serves as a pivotal nexus, offering an extensive repository of global GovTech data, meticulously curated analyses, and astute predictions. This platform operates as a comprehensive resource, enlightening stakeholders with profound insights and illuminating statistics that dissect the analytical trends pulsating within the dynamic Government Technology sector.*

## What Makes Us Different:

### GovTech Data and Analyses:

We conduct deep research on global government technology usage, digital transformation, and data analysis. Our insights directly influence government policymaking processes, providing valuable guidance based on thorough analysis.

### Predictions and Analyses:

Our forward-thinking approach enables us to predict GovTech sector trends, guiding governments in future technology investments. We anticipate developments, ensuring governments stay ahead in the fast-changing technological landscape.

### Industry Developments:

We track the latest innovations, offering real-time updates on GovTech advancements. This proactive monitoring keeps government policies current, facilitating agile responses to industry changes.

What differentiates us is our commitment to delivering actionable insights, empowering governments to make informed decisions in the ever-evolving GovTech arena.

# GovTech Analytics Strategy

## Collaborative Innovation Hub

GovTech Analytics (GA) serves as the epicenter of collaborative innovation, providing a dynamic hub where GovTech companies converge for knowledge exchange, joint research, and collaborative projects.

## Unified Marketing and Branding Campaign

Through marketing campaigns, social media initiatives, and industry events, the platform showcases transformative GovTech solutions, reinforcing a shared vision and identity.

## Government Outreach and Advocacy

GovTech Analytics engages in proactive government outreach and advocacy, positioning itself as a trusted advisor and analytics provider to policymakers.



## Cross-Company Data Collaboration

GA drives GovTech collaboration with secure, ethical data exchange, fostering shared insights and informed decision-making through industry trend analysis.

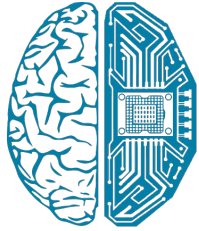
## Shaping Policy and Industry Norms through Deep-Tech Consultancy

Engaging in deep-tech consultancy and analytics, GA plays a pivotal role in shaping policy-making and industry norms

## Following Innovations and Adapting to Industry Needs

The platform prioritizes staying abreast of emerging GovTech trends, ensuring that its consortium members are equipped with the latest technologies.

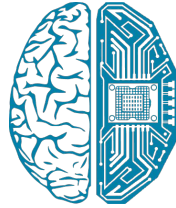
# Evolution of GovTech Analytics by DKG



## DEEP KNOWLEDGE ANALYTICS

Deep Knowledge Analytics founded in 2018 with the focus on the DeepTech industries. The agency producing advanced analytics on DeepTech and frontier-technology industries using sophisticated multi-dimensional frameworks and algorithmic methods that combine hundreds of specially-designed and specifically-weighted metrics and parameters to deliver insightful market intelligence, pragmatic forecasting and tangible industry benchmarking.

2018

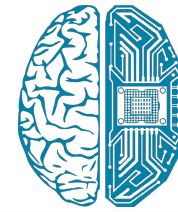


## DEEP KNOWLEDGE ANALYTICS *GOVTECH DIVISION*

The GovTech Division of Deep Knowledge Analytics was created in 2019 with the special GovTech industry, main sectors to be changed, barriers to this process, and ways to overcome them.

The division conducts quantitative analytics and benchmarking on the main types of technologies used by GovTech including blockchain, AI and machine learning, IoT, robotic automation, and geospatial data analysis, with emphasis on the best examples of their implementation.

2019



## GovTech Analytics

GovTech Analytics created in 2023 as a subsidiary company that offers a comprehensive platform enriched with years of data analysis and industry trend insights. GovTech Analytics includes Market Intelligence tools, advanced visualization features, automated comparative SWOT analysis, an open collaboration platform, investment and financial analysis capabilities, a closed platform tailored for experts, news and corporate NLP analysis, transparency mechanisms, and cross-industry comparative analysis. These solutions empower you to lead and shape the transformation in the GovTech sector, enabling the development of smarter, sustainable, and more effective solutions.

2023

# Government-Related Projects and Partnerships



Aging Analytics Agency was appointed by **MIDAS (the inward investment arm of the local Manchester government)** to analyze and profile Greater Manchester's healthy ageing assets as part of their municipal Healthy Ageing Industrial Strategy.



Deep Knowledge Analytics collaborated with the **UK All-Party Parliamentary Group on Blockchain** in two landscape analysis reports and IT-Platforms (2018 and 2021) which profiled the full extent of the United Kingdom's blockchain industry,



Deep Knowledge Analytics collaborated with the **UK All-Party Parliamentary Group** on AI to produce "Artificial Intelligence Industry in the UK Landscape Overview 2021: Companies, Investors, Influencers and Trends" produced by **Innovation Eye** and powered by **Big Innovation Centre** and **DKA**.



Deep Knowledge Analytics is proud to collaborate with **Scottish Enterprise on a groundbreaking report**, "Blockchain Industry in Scotland Landscape Overview: Companies, Investors, Influencers, and Trends." This study marks the inaugural and comprehensive review of Scotland's rapidly developing blockchain sector.

# Government Acknowledgement



**Hong Nam-ki**

Deputy Prime Minister of  
South Korea

Hong Nam-ki posted about  
Deep Knowledge Group's  
COVID-19 Safety Ranking  
published on 26th of  
August 2020.



**Karin Prien**

German Minister

German Minister of  
Minister of Education,  
Science and Culture, Karin  
Prien, tweeted Der Spiegel  
Article about Deep  
Knowledge Group's  
COVID-19 Rankings  
published on 14th of April  
2020.



**Alain Berset**

Former President of  
Switzerland

Alain Berset is Federal  
Councillor, Head of the  
Federal Department of Home  
Affairs (DFI) and former  
President of the Swiss  
Confederation. Alain Berset  
mentioned Deep Knowledge  
Group's COVID-19 Safety  
Ranking published on 4th of  
June 2020 on his Twitter  
account.



**Judit Varga**

Minister of Justice

Hungarian Minister of  
Justice, Judit Varga,  
tweeted about Deep  
Knowledge Group's  
COVID-19 Rankings  
published on 14th of April  
2020.

# Government Acknowledgement



**Dr. Vivian Balakrishnan**  
Singaporean Minister for Foreign Affairs

Deep Knowledge Group's survey of 200 countries and territories released earlier this month ranked Singapore the fourth safest place in the world to live in during the Covid-19 pandemic.



**Hemann Gröhe**  
Germany Former Minister of Health

"We are a strong country! First place worldwide in government support programs during the Corona crisis. And solidarity in Europe and the world. Source: Deep Knowledge Group"



**Ahmed Bin Sulayem**  
Executive Chairman of DMCC

Ahmed Bin Sulayem, the Executive Chairman of DMCC (Dubai Multi Commodities Centre), retweeted Deep Knowledge Group's COVID-19 Rankings published on 26th of August 2020.

# Government Departments / Bodies Acknowledgement



الكتب الإعلامي لحكومة أبوظبي  
Abu Dhabi Government Media Office

A total of 100 cities from around the world have been examined and added to the Deep Knowledge Analytics (DKA) report

The recognition reflects the emirate's comprehensive, efficient and timely COVID-19 pandemic response

Abu Dhabi was also ranked as the leading city in response to COVID-19 globally in a similar report published by DKA in early 2021



House of Switzerland is managed by Presence Switzerland, the unit of the Federal Department of Foreign Affairs that is competent for the image of Switzerland abroad, and implements the strategy of the Federal Council on Switzerland's communication abroad. House of Switzerland tweeted about Deep Knowledge Group's COVID-19 Safety Ranking published on 4th of June 2020.



The United Nations Office for the Coordination of Humanitarian Affairs (OCHA) in the Central African Republic OCHA in the Central African Republic retweeted about Deep Knowledge Group's COVID-19 Safety Ranking published on 26th of August 2020.

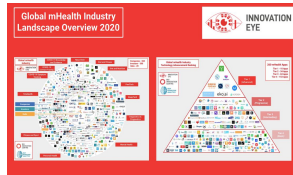


وزارة الإعلام  
Ministry of Media

The Saudi Government Communication Center  
The Government Communication Center is one of the vital arms of the Ministry of Information, whose main task is to strengthen and integrate the tools of government communication. The Center tweeted about Deep Knowledge Group's COVID-19 Safety Ranking published on 4th of June 2020.



## Producing GovTech Industry Reports Since 2019



2019

2020

2021

2022

2023



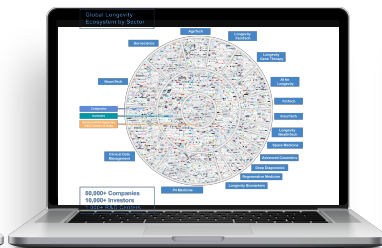
# Evolution Analytical Methods and Systems



Created frameworks as a basis for further analytical research of complex industries

**Frameworks of Complex Longevity and DeepTech Industries, Fundamental Analytical Reports**

2013-2018



Industrial and regional representation of the market development

**Advanced Visualization of DeepTech Industries**

2019



Different analytical products arranged into thematic dashboards

**Big Data Analytics Dashboards**

2020 - 2021



Extended the number of dashboards' tools and added the embedded AI Engine

**AI-driven Big Data Analytics System and Dashboards**

2022



Advanced visualization capabilities for comprehensive data representation.

**Advanced Visualization**

2023

# Fully Integrated Big Data Analytical Systems and Dashboards

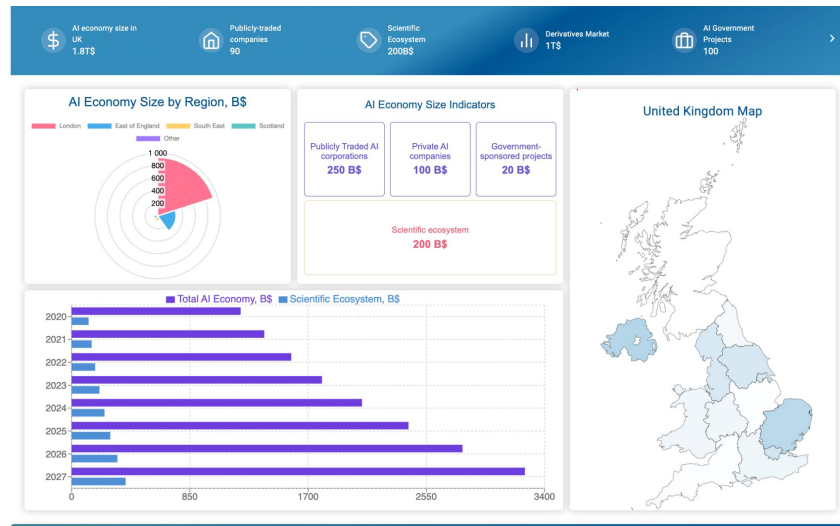
## AI-driven Big Data Analytics System and Dashboards

Extended the number of dashboards' tools and added the embedded AI Engine



## Advanced Visualization

Advanced visualization capabilities for comprehensive data representation.



# Opportunities for Collaboration

We are primarily interested in strategic cooperation with international corporations, organisations and governments of progressive countries on projects and initiatives related to the next-generation technologies.

## GovTech Analytics can engage with strategic clients according to several different approaches, including:

- Conducting customised case studies, research and analytics for internal (organizational) use tailored to the precise needs of specific clients;
- Production of analytical reports for open use (freely accessible);
- Specialised interactive industry and technology databases and IT-Platforms for customised analytics.

### Big Data

The use Big Data, providing comprehensive analysis on relevant aspects of industry landscapes backed by a foundation of truly BIG data

### Next Generation Infographics

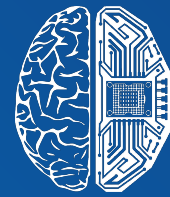
Next-generation infographics unifying big data analytics with advanced visualization to make sense of big data to reveal patterns and classification frameworks at a single glance

### Fundamental Emphasis on the Convergence of Technological Megatrends

Near-term forecasts using tangible, qualitative metrics, enabling forecasts closely tied to the present and future market readiness of specific technological niches

### Precise Focus

A strong and core focus on the convergence of major technological megatrends, finding hidden insights and trends in industry landscapes by focusing on synthesis and synergy



**GovTech  
Analytics**

# ***GovTech Analytics Platform Components and Advanced Visualization***



# Big Data Analytics System and Dashboards

We provide deep investment and data science insights on the private and public markets via customized IT platforms we call **Dashboards**. In essence, Dashboard is a Big Data Analytical System that consists of separate Dashboards:

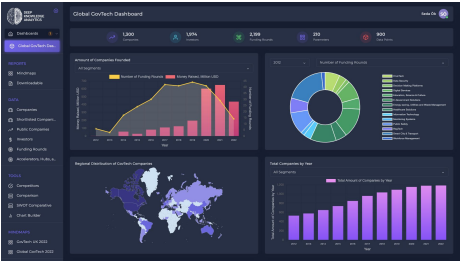
**Five** dashboards for the Longevity & BioTech Industry

**Seven** dashboards for the DeepTech Industry

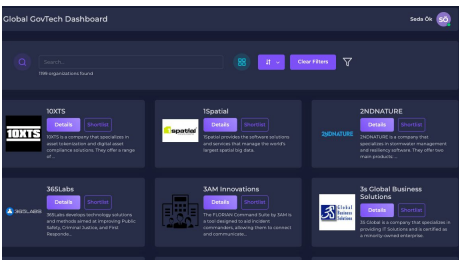
**Two** dashboards for GovTech Industry

|            |                                       |
|------------|---------------------------------------|
| 917,000    | Companies                             |
| 101,000    | Investors                             |
| 87 million | Data Points                           |
| 170        | Parameters of Automated SWOT Analysis |

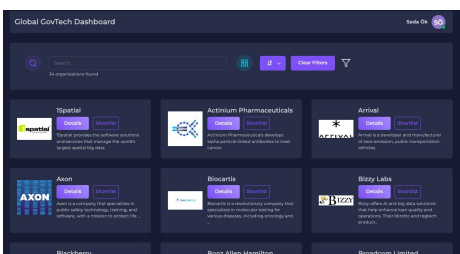
Global GovTech Dashboard



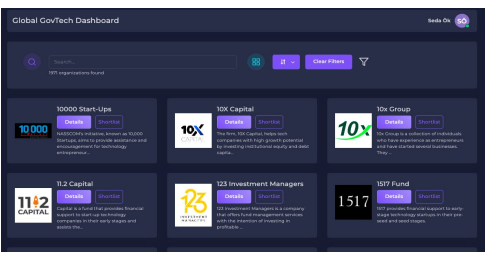
GovTech Companies



GovTech Public Companies

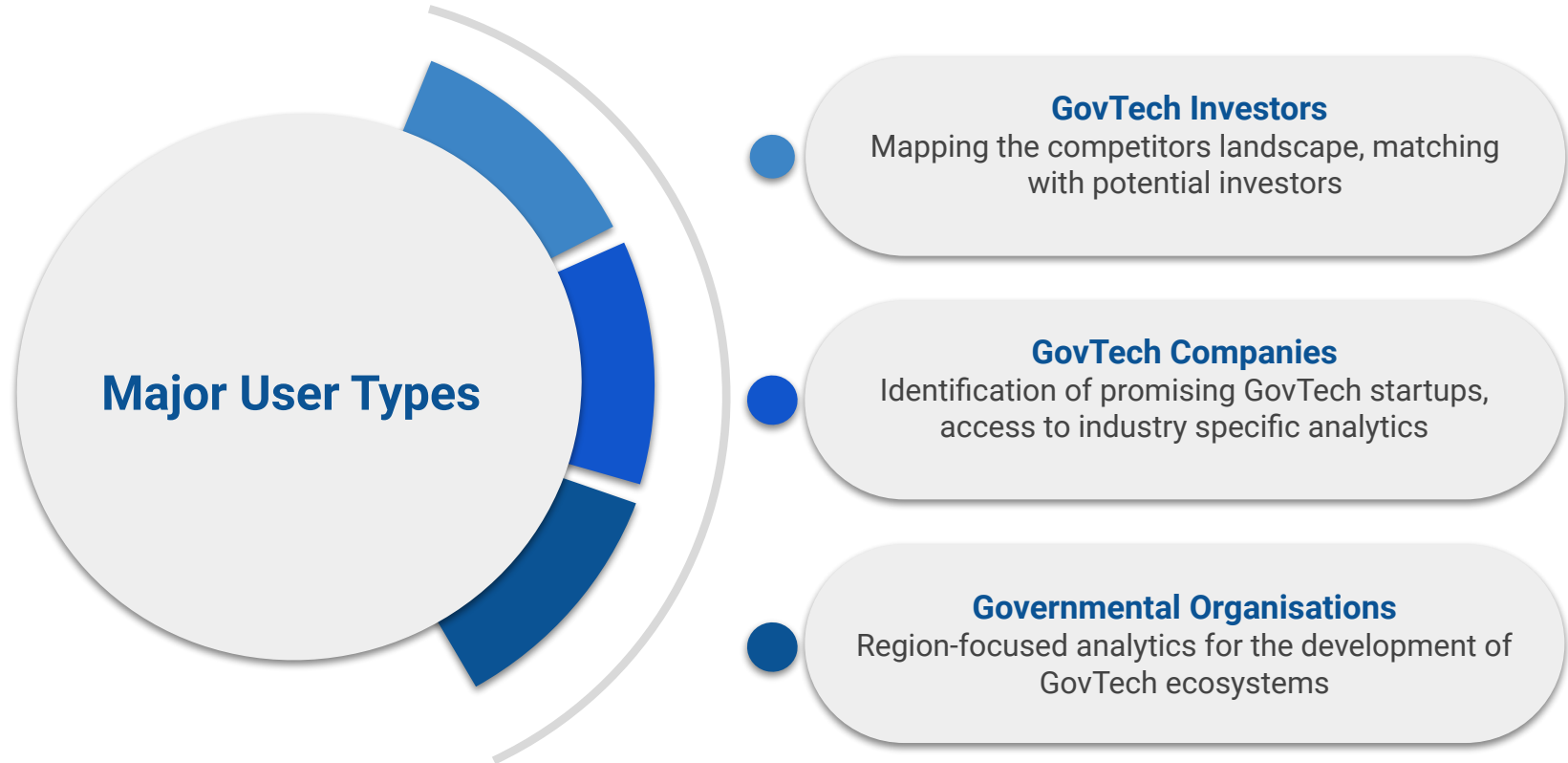


GovTech Investors



| Market Intelligence Focus |          |              |
|---------------------------|----------|--------------|
| HealthTech                | DeepTech | BioTech      |
| Longevity                 | GovTech  | Philanthropy |

# Major User Types of GovTech Global Dashboard



# Global GovTech Dashboard

Mindmaps

Companies

Investors

Funding Rounds

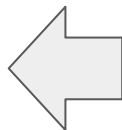
Accelerators, Hubs,  
R&Ds

Competitors

Comparison

Swot Comparative

Chart Builder



# GovTech in UK Dashboard

Companies

Investors

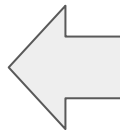
Funding Rounds

Accelerators, Hubs,  
R&Ds

Competitors

Comparison

Swot Comparative





# Longevity Governance Big Data Analytics Dashboard



## Longevity Governance Big Data Analytics Dashboard

### Market Intelligence

#### Longevity Governance Market Intelligence

[Full Analysis](#)[Interactive Mindmaps](#)[SWOT Analysis](#)[Dynamic Charts](#)

#### Full Big Data Analysis

[View More](#)

#### Dashboard Parameters

DATA POINTS

12000

PARAMETERS

240

REGIONS

50

LAYERS OF FRAMEWORK

6

DYNAMIC CHARTS

100

SWOT ANALYSIS PROFILES

50

#### SWOT Analysis

[View More](#)

#### Longevity Governance Market Intelligence

[Pre-Subscribe for Beta](#)[COVID-19 Dashboard](#)[3D Visualization](#)

### Search Engine

#### Longevity Governance Search Engine

[Benchmarking Charts](#)[Major Trends](#)[Practical Recommendations](#)[Big Data Framework](#)

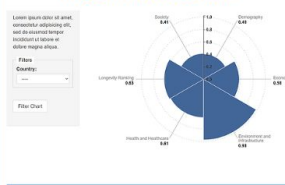
#### National Healthy Longevity Interactive MindMaps

[View More](#)

#### Longevity Progressiveness 3D Visualization



#### Longevity Progressiveness Benchmarking Charts & Recommendations

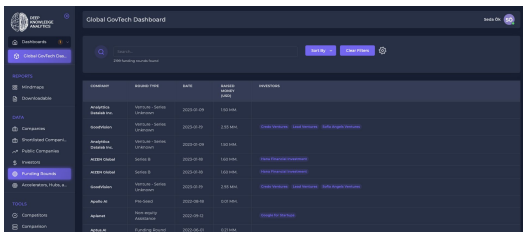
[View More](#)

#### Longevity Governance Search Engine

[Health-Adjusted Life Expectancy \(HALE\) Gap and Life Expectancy](#)[Health-Adjusted Life Expectancy \(HALE\) Benchmarking](#)

# Global GovTech Dashboard

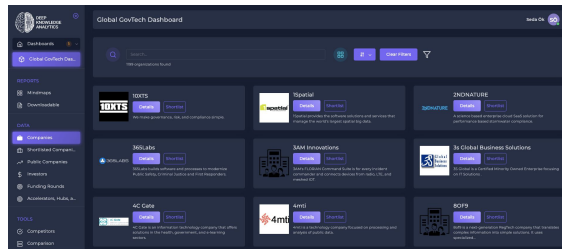
## For Companies



### Funding Rounds

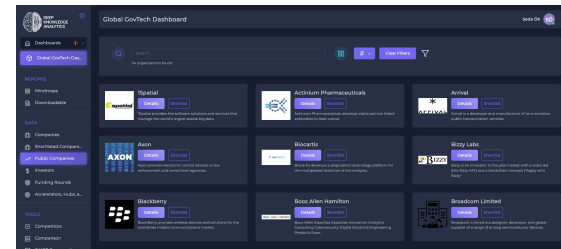
See all the funding rounds from the GovTech companies in one place. Search the information by the organization name or explore the catalog of the founding rounds for all the companies in the DeepTech sector. You can click on the investor's name for the investor profile details and pin the investor to your watchlist.

## For Investors



### Locate Companies and Take a Closer Look at Them

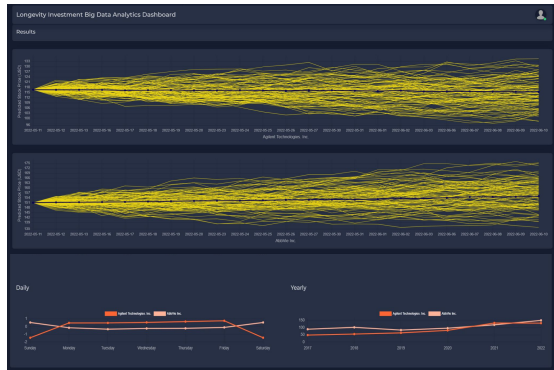
Browse GovTech private or public companies and scale-ups to invest in or work with:  
Analyse industries and companies of interest  
Monitor updates in real time



### Companies Research

Explore companies with unseen precision. Many investors can confirm that looking for a suitable investment target starts with the creation of the database. The one that suits his/her needs and allows him/her to ask the right questions. Research public and private companies

# Analytical GovTech Ecosystem Platform



## Price Forecasting Tool

### 4 Prediction types:

- Wiener-based
- Adjusted GBM\*
- Prophet Model
- LSTM

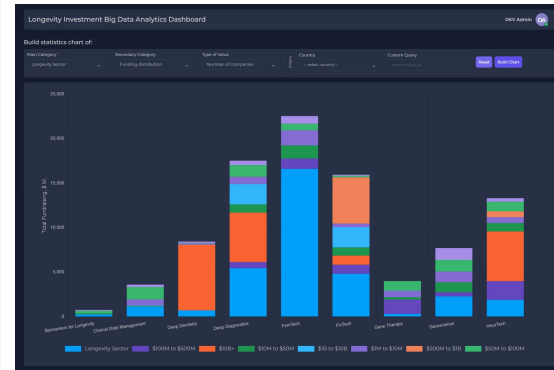
Unlimited number of compared companies

### 8 Performance Parameters



## Recommendation System

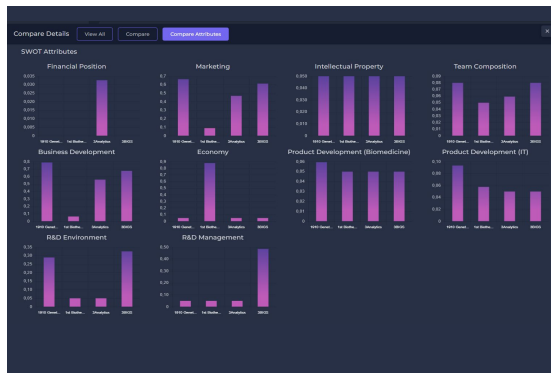
- Multiparametric comparison
- ML-based approach, enabling high recommendation precision
- Constantly updated database of entities and labels



## Chart Builder Tools

- **Interactive market coverage**
- Custom queries for maximum personalization of industry outlook
- **50,000+** represented entities
- **5+ entity layers types**

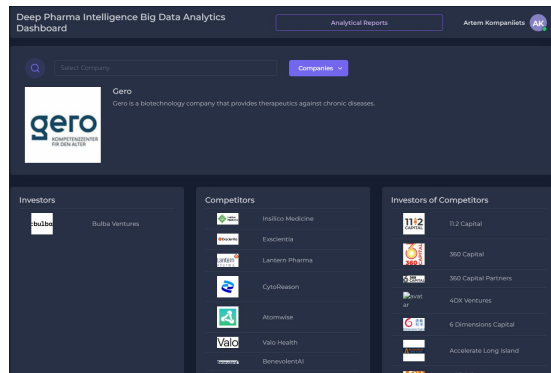
# Analytical GovTech Ecosystem Platform



## Competitive Analysis

This tool is designed to allow you to:

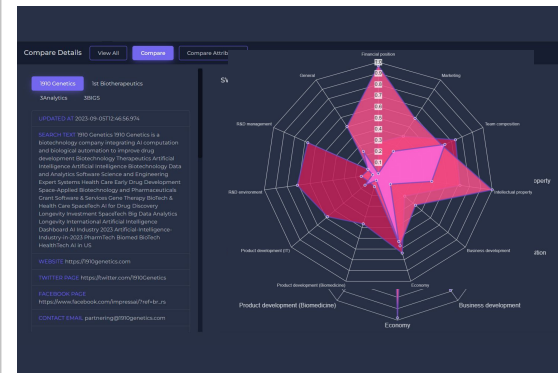
- **Rate companies** based on their comparative historical performance
- **Keep** the best companies for your portfolio backtesting
- **Access** clear insights on the companies that fit your goals.



## Matching Tool

**Investors Matching Tool** allows investors to find:

- Their peers
- New co-investors
- Investment syndicates.



## SWOT Analysis

The tool is developed to compare a few selected companies by various parameters:

- **170+ unique** parameters
- **Public and Private** companies
- Any types of **entities**
- **Due diligence**
- **Market intelligence**
- **Portfolio optimization**

# GovTech Ecosystem Platform Databases

1,970 Investors

1,110 Companies

3,130 Organisations

50 Countries, 5 Regions

| Commercial Benchmarks >    | Standard Benchmarks >          | AI MindMaps >               | Open Source Collection >      | Infrastructure >            |
|----------------------------|--------------------------------|-----------------------------|-------------------------------|-----------------------------|
| 24 Ratings by Region       | 49 Rankings of Countries       | 36 Distribution by Country  | 100 AI Communities            | AI Industry Frameworks      |
| 34 Ratings by Industry     | 42 Rankings of Cities          | 11 Distribution by Industry | 130 AI Conferences            | Analytical Methodology      |
| 45 Ratings by Technology   | 12 Rankings of Institutions    | 34 Financial Sectors        | 90 AI Media Channels          | Benchmarks Methodology      |
| 89 AI Companies            | 24 Rankings of Governments     | 41 BioTech Sectors          | 100 AI Books                  | Technology Library          |
| 66 AI Corporations         | 23 Rankings of R&D Hubs        | 54 Technology Sectors       | 90 Online Educational Sources | 1700 AI Leaders             |
| 78 AI Investors            | 30 Rankings of AI Apps         | 15 Industrial Sectors       | 100 Educational Programs      | 900 Accelerators/Incubators |
| 30 Derivatives             | 45 Rankings of AI Technologies | 17 Communication Sectors    | 100 API Platforms             | 1000 R&D Hubs               |
| 29 Institutional Investors | Methodology                    | 11 Energy Sectors           | 2100 AI Tools                 | 230 Government Offices      |
| More Benchmarks            | More Benchmarks                | More AI MindMaps            | More Resources                | More Infrastructure         |

## Filterable/Searchable Company/Investor Databases

4528 organizations found

Sort By

Text search

| # | COMPANY          | DESCRIPTION  | LONGEVITY SECTOR        |
|---|------------------|--|-------------------------|
| 1 | 01 Advisors      | 01A is a venture firm founded by a team of operators to help entrepreneurs build great companies.  | <a href="#">Details</a> |
| 2 | 10,000 Start-Ups | 10,000 Startups is an initiative of NASSCOM to support technology entrepreneurship in the country. It is India's most ambitious startup program and... | <a href="#">Details</a> |
| 3 | 10x 10x Group    | 10x Group is a group of serial entrepreneurs and founders investing in founders of digital start-ups in Europe and Silicon Valley.                     | <a href="#">Details</a> |
| 4 | 11.2 Capital     | 11.2 Capital is an early stage venture capital fund that invests in early-stage technology startups with a global vision and help them grow.           | <a href="#">Details</a> |
| 5 | 122WEST VENTURES | 122WEST is a venture capital firm focusing on early-stage internet and software investments.   | <a href="#">Details</a> |
| 6 | 137 Ventures     | 137 Ventures is a growth stage venture fund with an innovative secondary investment structure.   | <a href="#">Details</a> |
| 7 | 1517 Fund        | 1517 supports teams with pre-seed and seed funding for technology startups.  | <a href="#">Details</a> |

Filters

Longevity Sector

-- all sectors --

Longevity Subsector

Foundation Year

Number of employees

Funding Status

## Individual Company / Investor Profiles Databases

63 Companies

Blockchain in Scotland 2023

|                               |                                      |                          |
|-------------------------------|--------------------------------------|--------------------------|
| 1. Advisory Direct            | 23. Cryptex 2018                     | 43. Nova Finance 2021    |
| 2. All Crypto Jobs 2018       | 24. Crypto Adviser UK                | 44. Onboard-ID           |
| 3. Altagnus 2017              | 25. Crypto Multiverse Ltd            | 45. paybis 2014          |
| 4. Ave Crypto                 | 26. Cryptonex LP                     | 46. Provenance Labs 2018 |
| 5. BeDei 2021                 | 27. Crypto Wealth Scotland Ltd 11    | 47. Provenance Ltd       |
| 6. BITCOIN COLLEGE LTD 2021   | 28. Crypto Wozit Ltd                 | 48. Scotcoin 2012        |
| 7. Blakeeye Limited           | 29. Delic 2013                       | 49. SEA 2021             |
| 8. Blockchain Comics Ltd      | 30. Edinburgh Napier University 2014 | 50. Sekopay 2022         |
| 9. Blockchain Exchange Ltd    | 31. Food Bank Crypto                 | 51. SICCAR 2016          |
| 10. BR-DGE 2018               | 32. Galaxy Global Investments 2021   | 52. Strong Hands 2014    |
| 11. Brighter Consultancy 2017 | 33. Gatech Ltd                       | 53. Sylvar Consultants   |
| 12. BTTP 2018                 | 34. Gigged AI 2021                   | 54. SyntaSync 2018       |
| 13. Bull Project 2020         | 35. Heats Consulting                 | 55. TrackGenius          |
| 14. Bydantium 2017            | 36. HappyHeads                       | 56. Trade in Space 2018  |
| 15. CD Corp                   | 37. HeatFlow Cloud Solutions 2018    | 57. Trevor Jones Art Ltd |
| 16. Cignex Capital 2022       | 38. Hypervine 2018                   | 58. TrueDeploy           |
| 17. Citizen Ticket 2013       | 39. Jump Digital                     | 59. Vault Laboratories   |
| 18. CoinBank 2018             | 40. Inqia 2018                       | 60. WEB3 RAPID LTD 2022  |

Blockchain in Scotland 2023

organisation

hubs and other organisation types

Industries

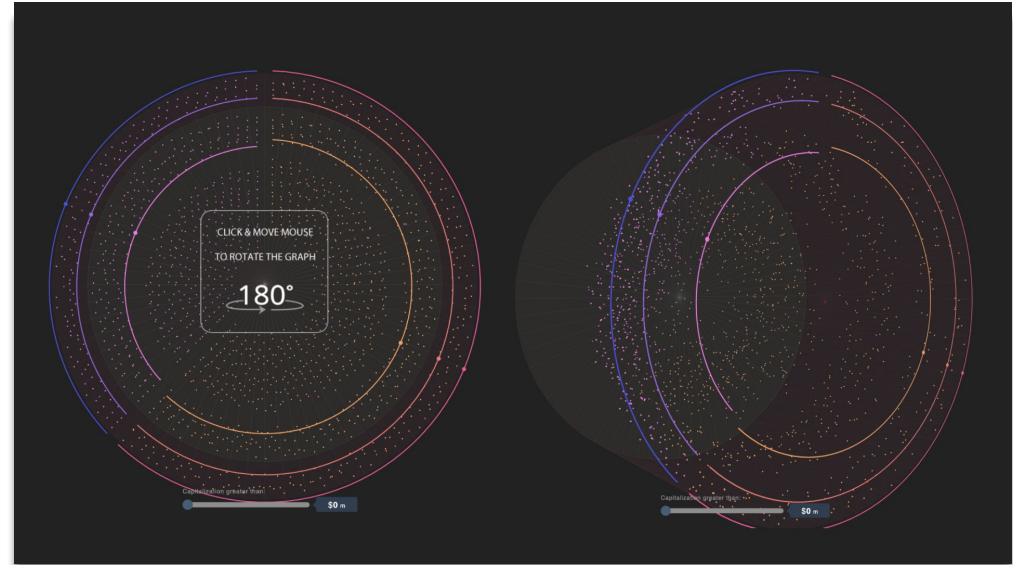
- AI
- Cloud
- CryptoTrading, Cryptobusiness & Blockchain
- Cyber Security
- Cyber Security, Insurance, InsurTech, Risk Management
- Fintech
- Media & Entertainment
- Payment
- Sales, Marketing & PR
- Software

DEEP KNOWLEDGE ANALYTICS

© 2023

# Advanced Visualization: AR 3D Industry Space and Graph Network

- **3D Rotatable:** Provide a dynamic and immersive three-dimensional representation.
- **Icons Selectable:** Incorporate selectable icons for individual companies/entities.
- **Sliding Filter:** Implement a sliding filter for dynamic entity filtering.
- **Dynamic Data Representation:** Ensure real-time adjustments as users apply filters.
- **Customizable Criteria:** Allow users to customize filtering criteria based on specific needs.
- **User-Friendly Interface:** Design an intuitive interface for seamless navigation and interaction.
- **Responsive Design:** Ensure compatibility with various devices, providing a consistent experience.

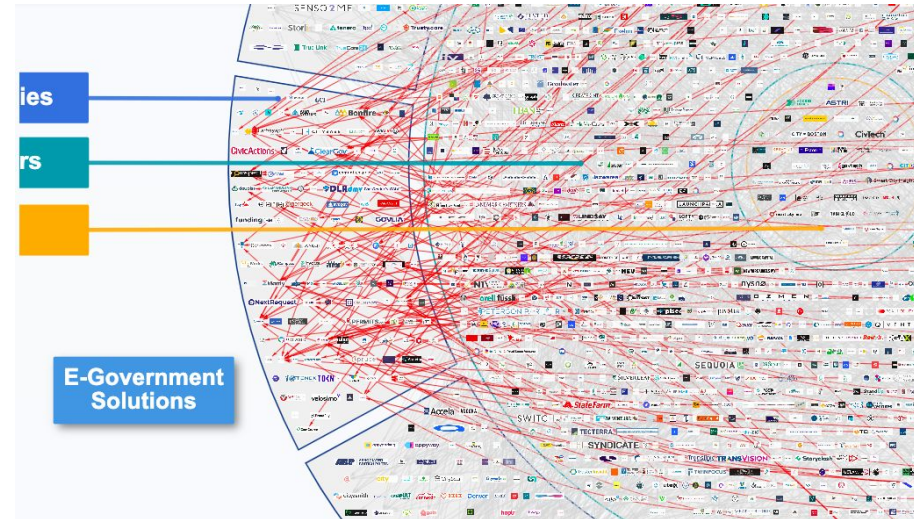
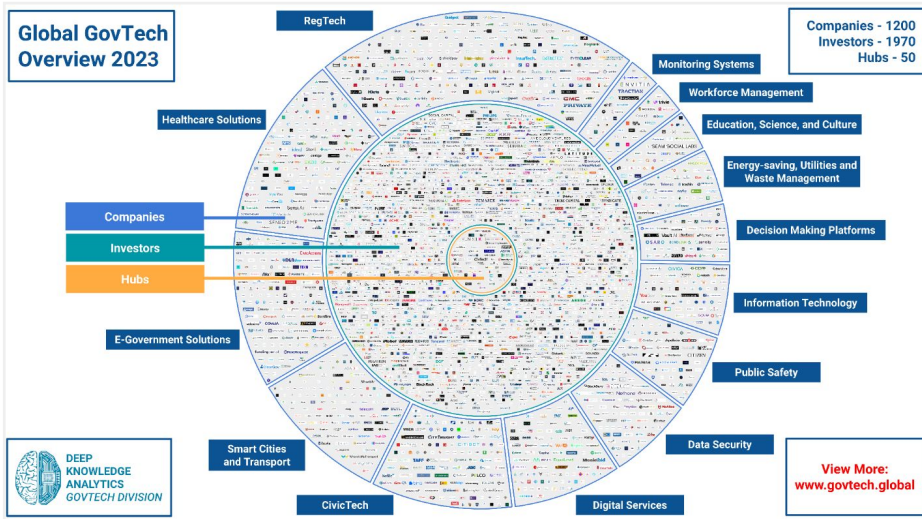




# Dive Deeper into Industry Analysis with Interactive Mind Maps

Interactive mind maps are vital for understanding sectoral connections, providing a visual overview of relationships between companies, investors, and stakeholders. With single-point access, users can quickly gather comprehensive data for efficient market analysis and decision-making.

- Understanding Sectoral Connections
- Single-Point Access
- Visual Mapping







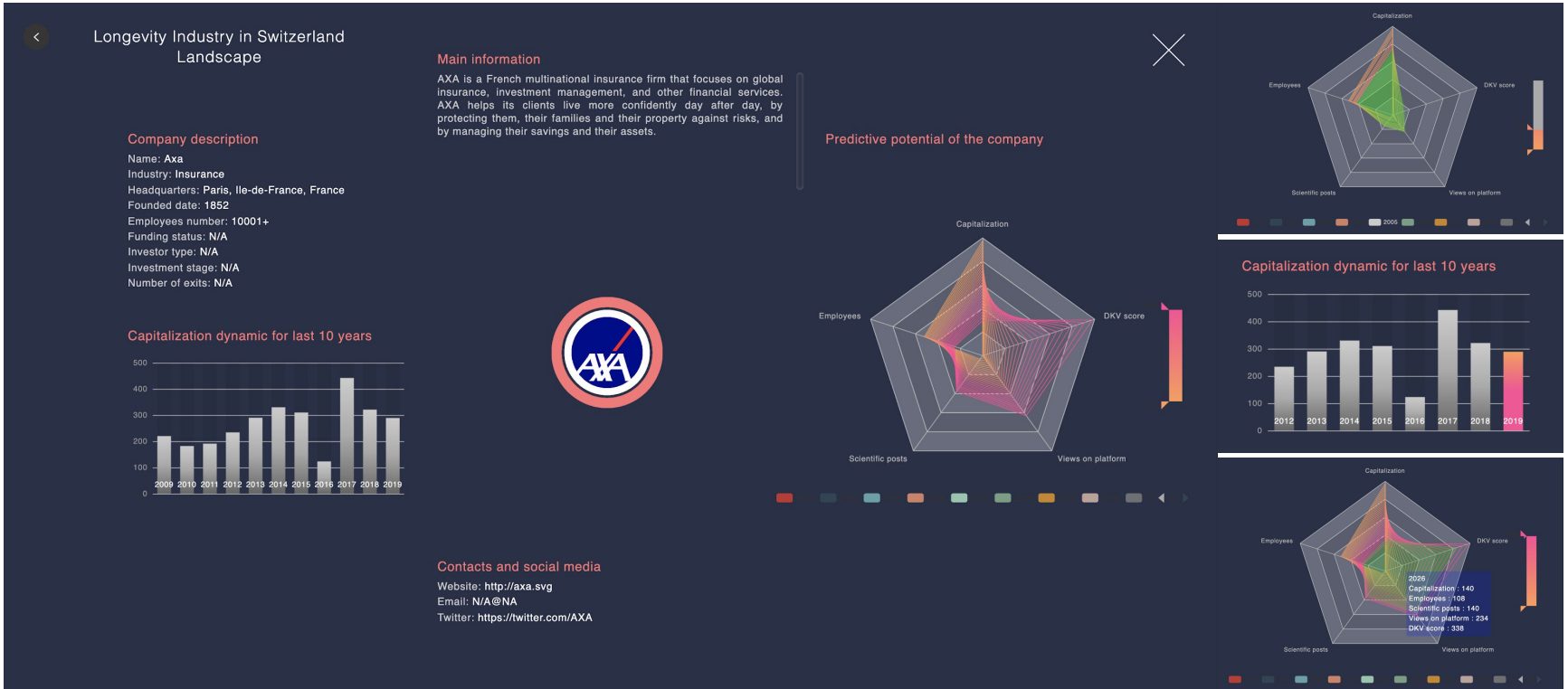
# Long-Term Technological Forecasting Big Data Analytical System



**AI-driven Forecasting  
on Technology Readiness  
Level  
with Financial Patterns  
Recognition**

# Interactive Profiles and Charts

Each profiled company has its own page with the company's description, different types of dynamic financial charts, profile view statistics, social media profiles and contacts. All charts are customizable by a number of parameters, e.g. year and capitalization.



# Accurate Data Science-Based Company Assessment

## GovTech Companies



## DeepTech Companies



An example of a SWOT analysis of GovTech and DeepTech companies with parameters tailored specifically to market segments.

# Dashboard Constructor 2.0

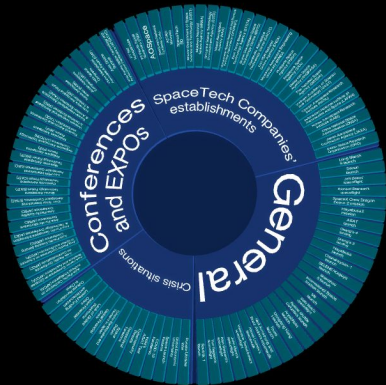
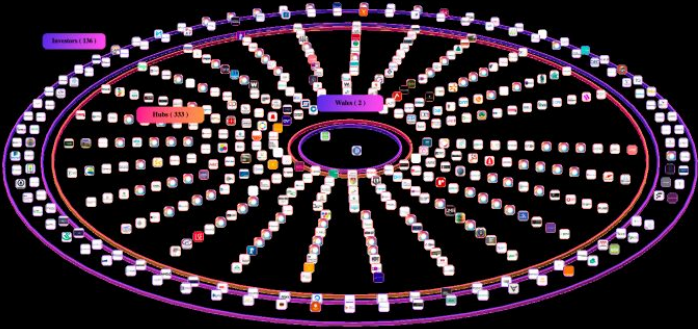
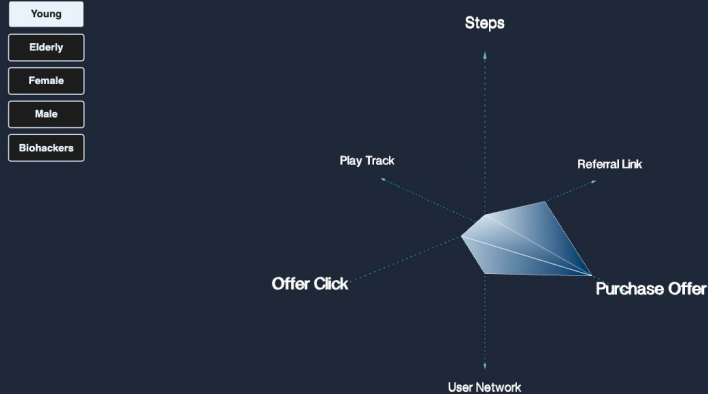
Operational Environment

Ultimate Decision Makers

Detailed Swot Comparison

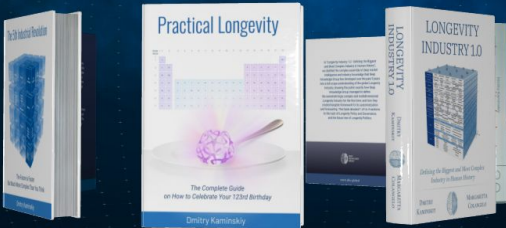


# Advanced 3D Visualizations



1956

2024



# Complex 3D Framework for Advance Tech Industries

## The 5th Industrial Revolution

**MetaTechnologies:**  
"Dimensionality reduction  
algorithms"

**DeepTech:** "Quantum  
CyberSecurity"

**PoliTech &  
SocialTech:** "Anti-digital  
money Laundering"

**Financial Systems:**  
"Connected flow model for  
Investment banks"



**Technological risks**

**Existential risks**

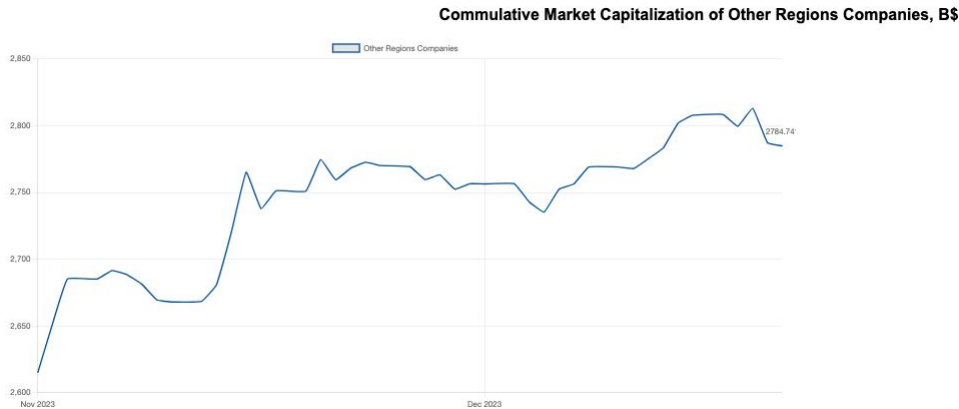
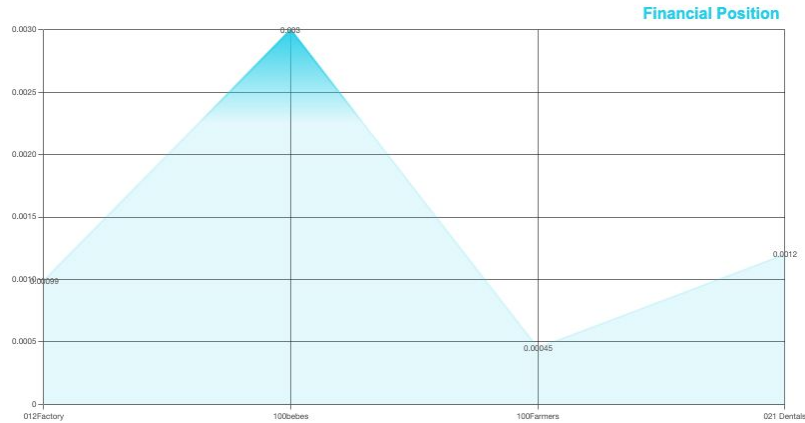
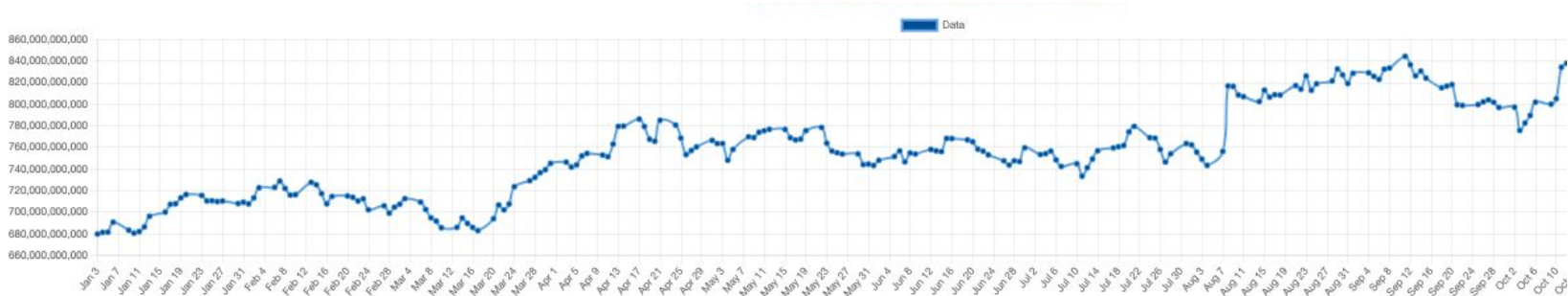
**Infographics**

**Book**

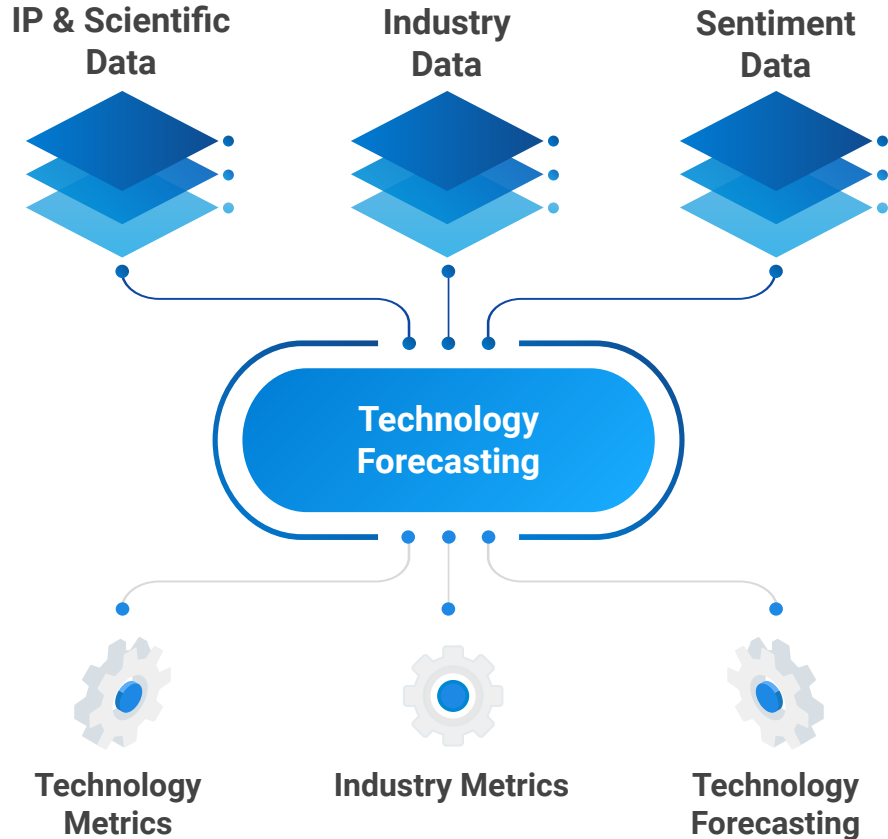
**Analytics**



# Dynamic Charts for GovTech Industry Index



# Technology Forecasting



Source tangible analytical results covering the most cutting-edge technologies out there

Continuous assessment of new technologies across the different areas

Analyze technologies from different areas with tailored metrics and find perspective startups for M&A

Navigate yourself across complex industries as guru



# Summary: Tools and Solutions

## Tailor-Made Market Intelligence System

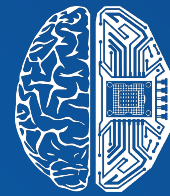
- Market-specific IT-platform focusing on data and solutions that are relevant to the market specialist
- More than a database: a set of intelligence AI-driven tools providing unique insights on the industry dynamics
- Meaningful tools for any type of goals: combination of interpretable analytics and raw-data for the internal research
- Cloud-based platform allowing optimal up-time and seamless models update and implementation

## Data-focused Tools and Solutions

- Data visualization solutions to bring more clarity to the raw data
- Intellectual Property and scientific-related data to indicate the actual company background
- Investors and companies brought together to illustrate the under- and over-invested areas of the industry
- Market stratification through the solutions and service the companies are currently offering

## Market Intelligence Tools and Solutions

- Private equity through the lens of data-driven solutions, showing the unique industry's insights
- AI-driven competitors analysis for the companies assessment
- AI-driven investors matching approach to form the most efficient syndicate for your allocations
- Public equity-based benchmarking to understand the future perspectives of the new market players




**GovTech  
Analytics**

# ***Our Case Studies and Government Commissioned Projects***



# GovTech Analytics Global Platform



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[News](#)


[Our Analytics](#)

[Global GovTech Ecosystem](#)

[UK GovTech Ecosystem](#)

[Big Data Analytics & Dashboard](#)

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### GovTech Focused Analytical Agency

GovTech Analytics, created in 2023 as a subsidiary of Deep Knowledge Group, offers a comprehensive platform enriched with years of data analysis and industry trend insights. GovTech Analytics includes Market Intelligence tools, advanced visualization features, automated comparative SWOT analysis, an open collaboration platform, investment and financial analysis capabilities, a closed platform tailored for experts, news and corporate NLP analysis, transparency mechanisms, and cross-industry comparative analysis. These solutions empower you to lead and shape the transformation in the GovTech sector, enabling the development of smarter, sustainable, and more effective solutions.

#### Analytical Subsidiaries of Deep Knowledge Group

AI Industry Analytics

Deep Knowledge Analytics

FemTech Analytics

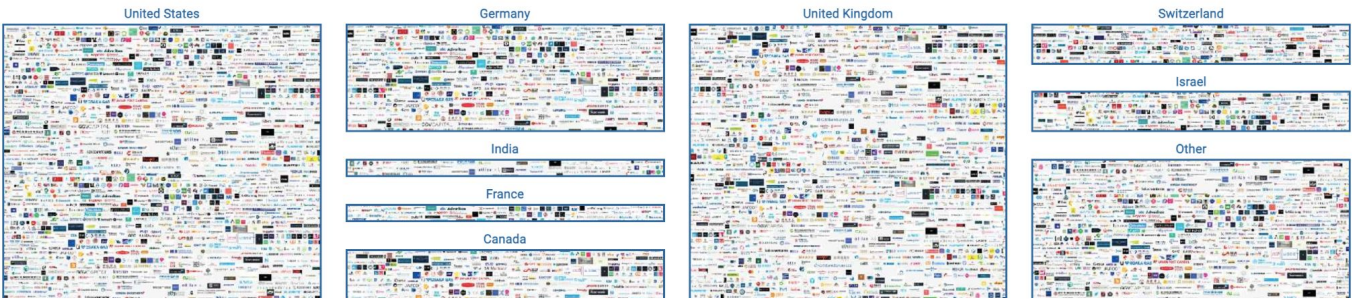
SpaceTech Analytics

Deep Pharma Intelligence

DeepTech and Longevity Industry Financial Advisors

NeuroTech Analytics

Aging Analytics Agency

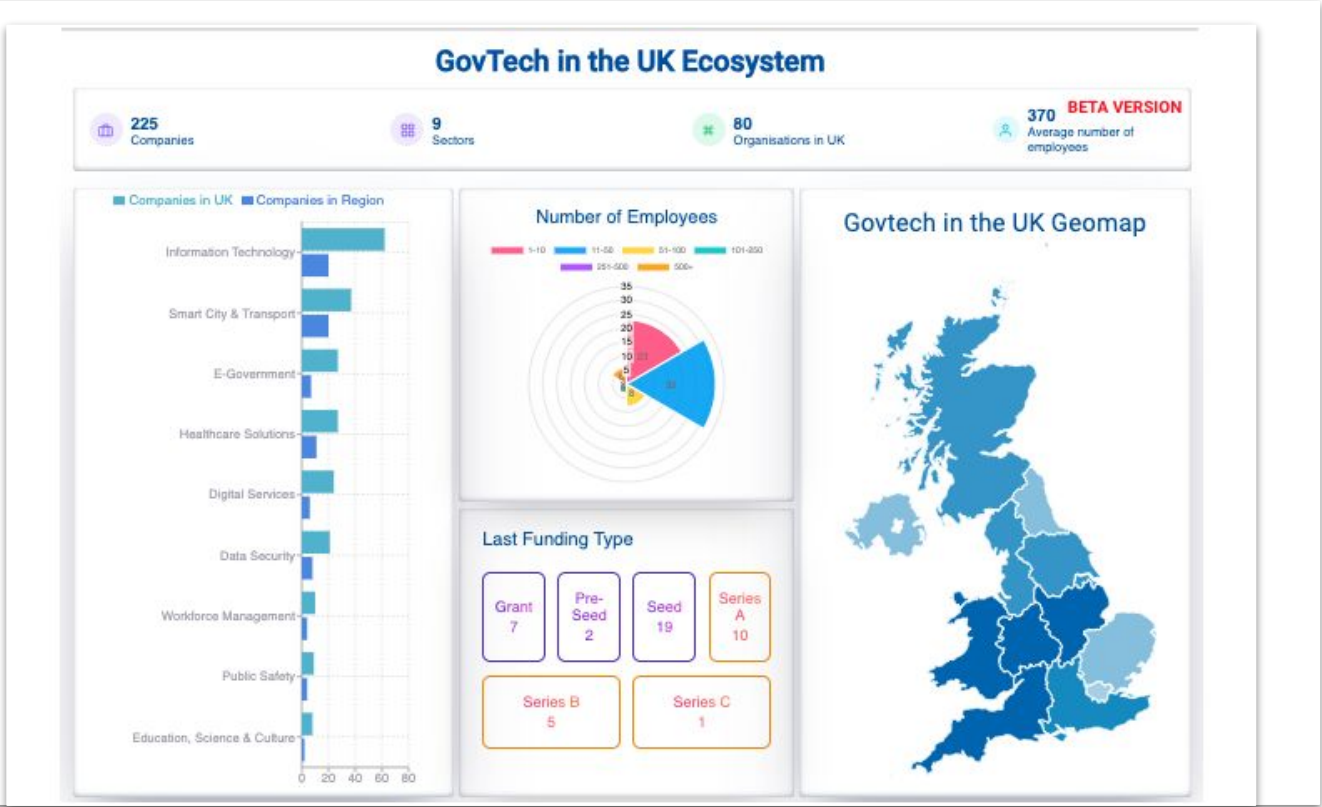


GovTech Analytics includes market intelligence tools, advanced visualization features, automated comparative SWOT analysis, an open collaboration platform, investment and financial analysis capabilities, a closed platform tailored for experts, news and corporate NLP analysis, transparency mechanisms, and cross-industry comparative analysis.

# GovTech in the UK Platform

Govtech in the UK is a flourishing and dynamic sector, characterised by the active participation of numerous entities committed to driving in Govtech Industry.

With a collective force of 225 Companies, 210 Investors, 45 Hubs the landscape of Govtech in the UK is vibrant and diverse.



# Deep Knowledge Group Launched at Queen Elizabeth II Centre in London



*Venue for the GovTech 2022 Conference at Queen Elizabeth II Centre in London, UK*

Dominic Jennings and Dmitry Kaminskiy speak at landmark GovTech 2022 Conference among leading GovTech companies and top government officials from UK Department for Business, Energy & Industrial Strategy, Department for Digital, Culture, Media and Sport, Centre for Data Ethics and Innovation.

On October 13th, 2022, Deep Knowledge Group unveiled five **GovTech and DeepTech Big Data Analytics Dashboards** at the landmark GovTech Global 2022 conference alongside top government officials and industry leaders, including the world's first and most comprehensive AI-driven Global GovTech Big Data Analytics System, as well as **Deep Knowledge Analytics' UK Digital Ecosystem Dashboard, GovTech in UK Dashboard, and Aging Analytics Agency's Global Longevity Governance Dashboard and Longevity Governance in the UK Dashboard.**



# MIDAS appoints Aging Analytics Agency to profile Greater Manchester's healthy ageing assets

MIDAS, Greater Manchester's inward investment agency, has partnered with Aging Analytics Agency to assess the region's strengths in healthy ageing. The goal is to leverage the growing global demand for technologies and services addressing ageing populations. This initiative aligns with the Greater Manchester Innovation Partnership in Healthy Ageing (IPHA), aiming to establish the region as a leader in the healthy ageing industry through innovation, inward investment, and global recognition.



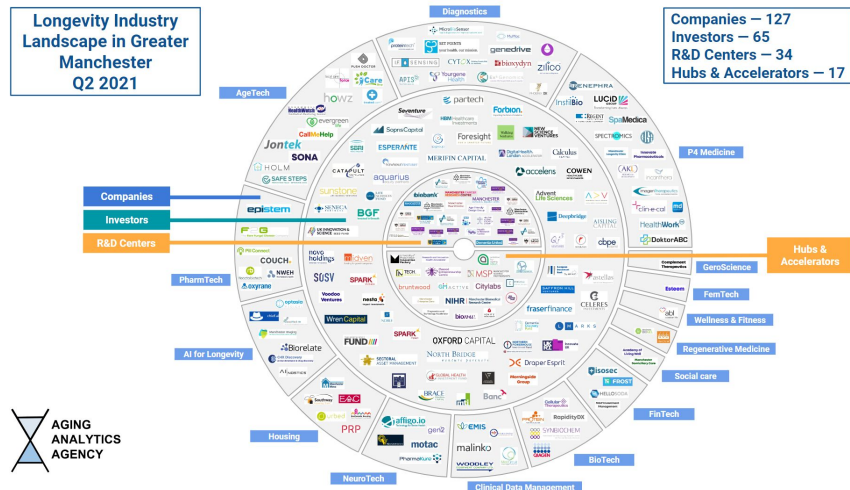
**Tim News, CEO, MIDAS**

“With a growing population, Greater Manchester has put healthy ageing at the heart of its Local Industrial Strategy and is creating a city region test bed to trial close-to-market goods and services for older people. I have every confidence that the work undertaken by Aging Analytics Agency will further widen and cement our proposition as an international leader in this field and showcase Greater Manchester as the ideal environment to take advantage of this ever-growing market.”

# AAA and Manchester's Inward Investment Agency (MIDAS): Longevity Industry in Greater Manchester Area

Longevity Industry  
Landscape in Greater  
Manchester  
Q2 2021

Companies – 127  
Investors – 65  
R&D Centers – 34  
Hubs & Accelerators – 17



GMCA

GREATER  
MANCHESTER  
COMBINED  
AUTHORITY

ANDY BURNHAM  
MAYOR OF  
GREATER  
MANCHESTER

## Longevity Industry in Greater Manchester: at a Glance



127  
Companies



16  
Longevity  
Categories



£687M+  
Total Funding  
Amount



65  
Investors



34  
R&D  
Centres



90+  
Number of  
Investments



17  
Hubs &  
Accelerators



453  
Non-profit  
Organisation

**Aging Analytics Agency** has been appointed by **MIDAS** (the inward investment arm of the Greater Manchester Combined Authority) to conduct an analytical survey and profiling of the municipality's healthy ageing assets (companies, investors, R&D Hubs, etc), to strengthen and help the local Manchester government to meet the goals set out in their Local Healthy Ageing Industrial Strategy. It is quite notable that, in addition to the UK federal government's Healthy Ageing Industrial Strategy, municipal hubs are now independently making the Healthy Longevity of their citizens a political priority. While Manchester is the first, we are sure that others will soon follow.

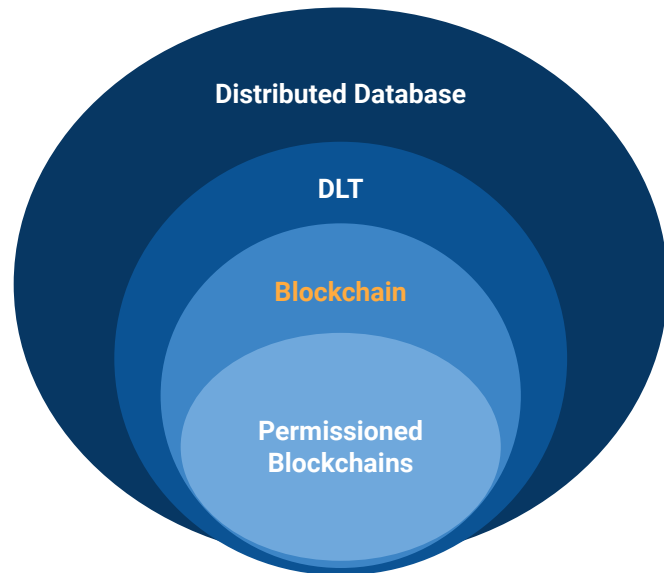
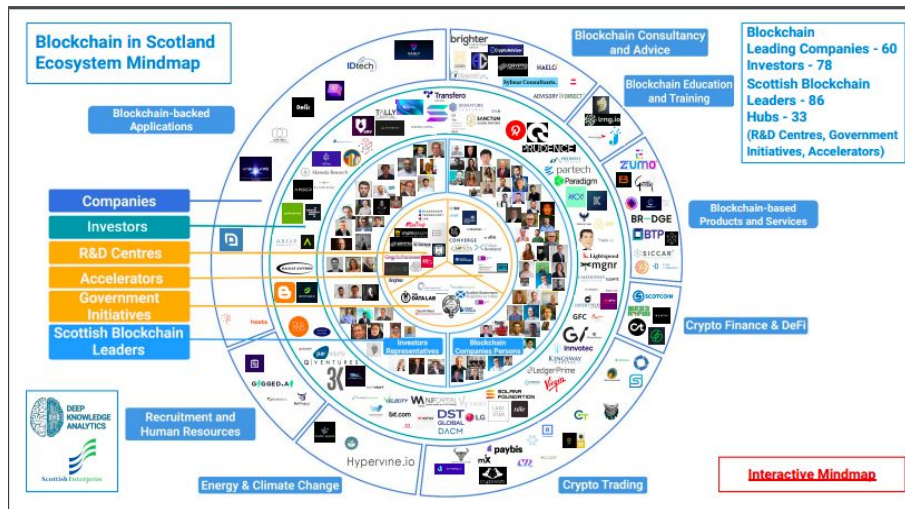


# Blockchain in the UK (Joint IT-Platform and Report with UK All-Party Parliamentary group on Blockchain): 1st Edition (2018) and 2nd Edition (2021)



Deep Knowledge Analytics collaborated with the UK All-Party Parliamentary Group on Blockchain in two landscape analysis reports and IT-Platforms (2018 and 2021) which profiled the full extent of the United Kingdom's blockchain industry, with press briefings co-hosted by Deep Knowledge Analytics held in the UK House of Lords, and discussed at a number of UK APPG on Blockchain Advisory Board Meetings, at which Deep Knowledge Analytics representatives participated.

# Blockchain Landscape 2023: Commissioned Study by Scotland National Economic Development Agency



Scotland's growing **blockchain ecosystem** includes **startups, academic institutions, and partnerships** spanning sectors like **Blockchain-as-a-Service (BaaS)** and **blockchain consultancies**. This framework promotes collaboration and growth. Blockchain technology has the potential to contribute **£4.48 billion to Scotland's GDP by 2030**, benefiting supply chains, healthcare, and finance. It's also explored in energy for peer-to-peer trading and healthcare for secure data sharing. In the public sector, it can boost efficiency, security, and trust while reducing administrative costs.

# About Project: Comprehensive Overview of The Entire Blockchain Industry Ecosystem in 32 Scottish Council Areas

---

"Deep Knowledge Analytics expresses pride in collaborating with Scottish Enterprise to create a groundbreaking report aimed at fostering the future growth of the blockchain industry in Scotland. The study, titled 'Blockchain Industry in Scotland Landscape Overview: Companies, Investors, Influencers, and Trends,' stands as the inaugural and comprehensive review of Scotland's rapidly developing blockchain sector."



**Suzanne Sosna**

## **Scottish Enterprise Director of Economic Opportunities**

This is the first review of its kind into the companies, investors and impact of blockchain that could unlock new and scalable innovation opportunities for our digital economy in Scotland.

The technology is most associated with the financial sector, but we wanted to look beyond that across industries where blockchain technology might be lesser known, but no less innovative, such as in education where it's used to make qualifications secure.

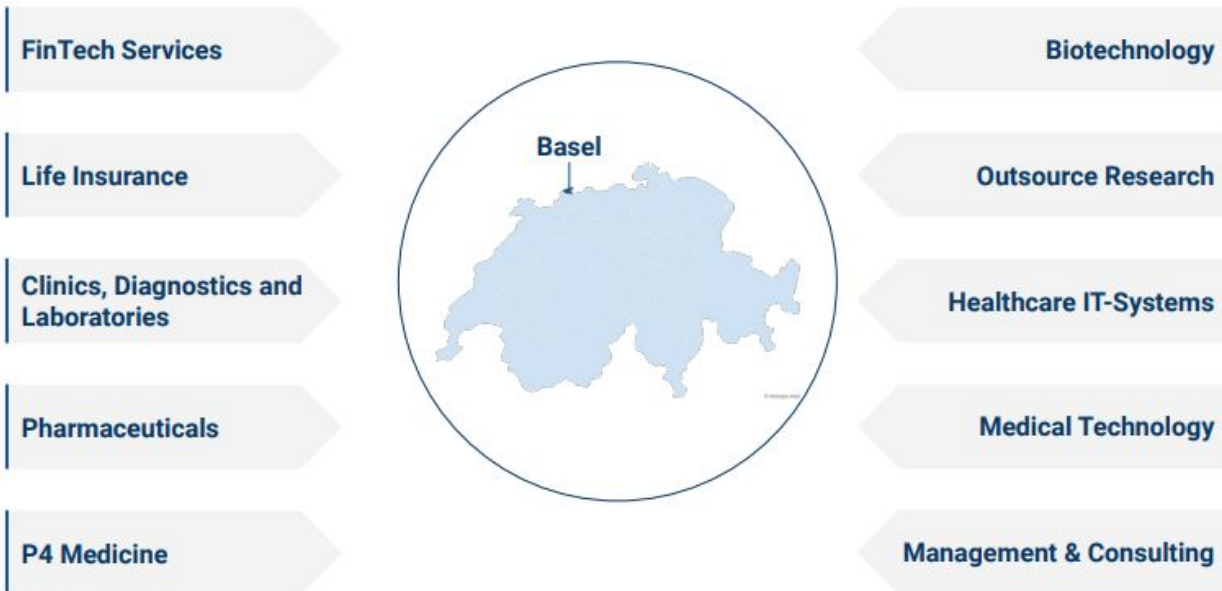
# AI in the UK (Joint IT-Platform and Report with UK All-Party Parliamentary group on AI): 1st Edition (2018) 2nd Edition (2021)



Artificial Intelligence Industry in the UK Landscape Overview 2021: Companies, Investors, Influencers and Trends” produced by Innovation Eye and powered by Big Innovation Centre and DKA presents an updated overview of the entire (AI) Industry Ecosystem in the UK. It serves as a comprehensive follow-up to Innovation Eye’s AI in UK Landscape Overview 2018. The work is produced in dialogue with the (APPG AI).



# Basel Area Life Sciences Ecosystem Landscape Overview Report Q3 2021



Basel Area Life Sciences Ecosystem Overview Q3 2021 is a comprehensive analytical report which assembled information about key trends in the industry. The report was compiled to give a detailed systematic description of the leading companies, investors, R&D and labs, universities, and other non-profit organisations related to the life-science industry located in Basel, Switzerland.



# Sharjah Research Technology & Innovation Park and Deep Knowledge Analytics Strategic Partnership



Sharjah Research Technology & Innovation Park and Deep Knowledge Analytics have announced a unique **strategic partnership, led by His Highness Sheikh Sultan bin Muhammad Al Qasimi, a member of the Sharjah Emirate's royal family and a member of the United Arab Emirates High Council.** Under His Highness's leadership, the partnership aims to map the Longevity Industry in the country, enhance knowledge about local and international sectors, foster comprehensive stakeholder engagement, identify key drivers of the industry locally, and ultimately collaborate with relevant government institutions to develop a robust national Longevity policy. This collaboration leverages the expertise of Deep Knowledge Analytics to contribute significantly to the growth and development of the Longevity sector in the United Arab Emirates.



# COVID-19 Regional Safety Assessment

## COVID-19 Regional Top-30 Ranking



|     |  |                            |     |
|-----|--|----------------------------|-----|
| #1  |  | SWITZERLAND                | 760 |
| #2  |  | NEW ZEALAND                | 759 |
| #3  |  | SOUTH KOREA                | 758 |
| #4  |  | GERMANY                    | 757 |
| #5  |  | JAPAN                      | 752 |
| #6  |  | CHINA                      | 751 |
| #7  |  | AUSTRALIA                  | 749 |
| #8  |  | AUSTRIA                    | 729 |
| #9  |  | SINGAPORE                  | 728 |
| #10 |  | UNITED ARAB EMIRATES (UAE) | 725 |
| #11 |  | ISRAEL                     | 711 |
| #12 |  | CANADA                     | 709 |
| #13 |  | TAIWAN                     | 698 |
| #14 |  | HONG KONG                  | 698 |
| #15 |  | NORWAY                     | 698 |

|     |  |                 |     |
|-----|--|-----------------|-----|
| #16 |  | SAUDI ARABIA    | 697 |
| #17 |  | LIECHTENSTEIN   | 696 |
| #18 |  | ICELAND         | 695 |
| #19 |  | MONACO          | 691 |
| #20 |  | KUWAIT          | 691 |
| #21 |  | FINLAND         | 690 |
| #22 |  | DENMARK         | 687 |
| #23 |  | BAHRAIN         | 683 |
| #24 |  | LUXEMBOURG      | 682 |
| #25 |  | HUNGARY         | 678 |
| #26 |  | CYPRUS          | 676 |
| #27 |  | THE NETHERLANDS | 671 |
| #28 |  | QATAR           | 665 |
| #29 |  | ANDORRA         | 653 |
| #30 |  | OMAN            | 649 |

The Deep Knowledge Group regularly publishes COVID-19 special analytical case studies which specialize in producing advanced analytics using sophisticated technologies to provide insightful market intelligence and pragmatic forecasts.

'COVID-19 Regional Safety Assessment' was published on July 30, 2020, and was achieved to describe 30 regions included in its analysis, as well as the strengths, weaknesses, opportunities, and threats or risks that they present in the battle against global health and economic crisis triggered by COVID-19.



# Acknowledgments: IDI's and NGO's



## **The United Nations Office for the Coordination of Humanitarian Affairs**

OCHA in the Central African  
Republic retweeted about Deep  
Knowledge Group's COVID-19  
Safety Ranking published on 26th of  
August 2020.



## **SAPRAC** Saudi American Public Relation Affairs Committee

## **Saudi American Public Relation Affairs Committee**

SAPRAC tweeted about Deep  
Knowledge Group's COVID-19  
Safety Ranking published on 26th  
of August 2020.



## **Conflict Sensitivity Resource Facility South Sudan**

CSRF South Sudan tweeted about  
Deep Knowledge Group's COVID-19  
Safety Ranking published on 26th of  
August 2020.

## Investment Migration Programs Health Risk Assessment

Groundbreaking research reveals unique insights into residence- and citizenship-by-investment programs

Joint projects leveraging Henley & Partners' data sets and DKA's analytical capabilities.

Developing innovative platforms using COVID-19 country safety rankings data.

By comparing the latest results of the index with the ND-GAIN Country Index, which looks at a country's vulnerability to climate change and readiness to adapt, we can see close correlations between climate adaptation performance and international travel freedom. This exclusive research by Henley & Partners in partnership with the Deep Knowledge Analytics (DKA), a DeepTech focused agency that produces advanced analytics using sophisticated technology to deliver insightful market intelligence and pragmatic forecasting, confirms that your wealth, citizenship, and passport really do matter when it comes to mitigating the risks of climate change as well as political and economic volatility.

# GovTech Related Conferences



**GovTech Development During COVID-19:** How Technologies Have Helped' was a virtual conference dedicated to coverage of the most effective E-government and GovTech solutions, implemented during the COVID-19 period.



**Longevity Financial Club's 2022 Christmas Reception** at the UK House of Lords gathered 130+ guests, featuring insights from Deep Knowledge Group Executives on 2022 highlights, 2023 plans, and strategic insights in DeepTech, Longevity, Data Science, and InvestTech.



In **Arab-British Economic summit** presented key aspects of our partnership with Sharjah Research Technology & Innovation Park (SRTIP). Our joint online conference with the UAE Ministry of Health and Prevention.



**On October 13, 2022, DKG launched groundbreaking GovTech** and DeepTech Big Data Analytics Dashboards at GovTech Global 2022 in London. The event, attended by leading GovTech companies and top UK government officials.

# Deep Knowledge Group's Media Presence



"A venture capital firm has appointed a computer algorithm to its board of directors.

The program - called Vital - will vote on whether to invest in a specific company or not.

The firm it will be working for - Deep Knowledge Ventures - focuses on drugs for age-related diseases.

" [BBC News](#)

INSIDER

"The notion that health, rather than wealth, is the most valuable asset class, will see the ascendance of regions that promote both individual and institutional migration and relocation on the basis of prioritizing well-being, rather than capital," Dmitry Kaminskiy, cofounder of Deep Knowledge Group, said. [Business Insider](#)

The Guardian

"The UK is well-placed to become a leader in blockchain technologies and the crypto economy, according to a new report. Britain has all the required resources, as well as industrial and governmental will, to become a global hub for the technology by 2022, according to analysis by the Big Innovation Centre, DAG Global and Deep Knowledge Analytics." [The Guardian](#)

Forbes

Venture capitalist Dmitry Kaminskiy thinks he has what it takes to lengthen people's life spans: a million-dollar prize, which he will award to the first person to beat the current longevity record and reach his or her 123rd birthday....Dmitry Kaminskiy wants to motivate people to live longer. Image via Dmitry Kaminskiy.

The goal of the prize is twofold: to get the public interested in longevity research and to motivate people to live longer lives. [Forbes](#)

Forbes

"Update June 13: a number of people have questioned why Caribbean nations and Vietnam did not score well in Deep Knowledge Group's report, despite low infection and death rates.)." [Forbes](#)



"Dmitry Kaminskiy agrees and points out that as the 'health as the new wealth' paradigm gains prominence among the global investment community, along with the notion that health, rather than wealth, is the most valuable asset class, we will see the ascendance of regions that promote both individual and institutional migration and relocation on the basis of prioritizing well-being, rather than capital." [Henley & Partners](#)

# Press about Deep Knowledge Analytics



The  
Guardian

Forbes

The  
Telegraph



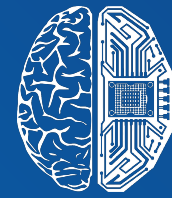
“Despite the recent hype, there is a lack of AI specialists and ‘promising’ drug discovery AI-startups, according to **Deep Knowledge Analytics**.”

“Britain has all the required resources, as well as industrial and governmental will, to become a global hub for the technology by 2022, according to analysis by the Big Innovation Centre and **Deep Knowledge Analytics**.”

“By 2022, the UK will be a global hub for blockchain technologies and the crypto economy. That is the claim of a new report from the Big Innovation Centre and **Deep Knowledge Analytics**, released last month.”

“A report published on Wednesday by the All Party Parliamentary Group for AI claimed that the UK has all of the basic elements necessary to compete effectively in a global race to develop AI technology. The Big Innovation Centre and **Deep Knowledge Analytics** collected and produced the report.”

“‘The one billion retired people globally are a multi-trillion dollar opportunity for business,’ said Dmitry Kaminskiy, co-author of the UK Longevity Industry Report”



**GovTech  
Analytics**

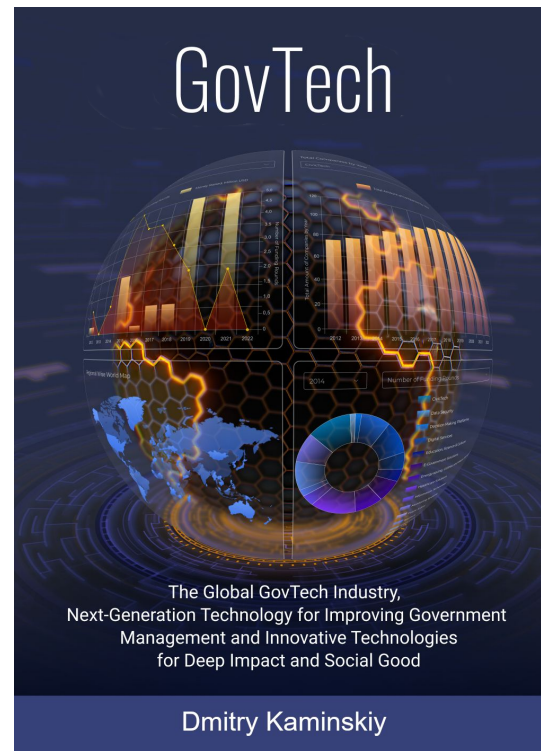
# ***GovTech Book***





## Next-Generation Technology for Improving Government Management and Innovative Technologies for Deep Impact and Social Good

*"Global GovTech Industry" by Dmitry Kaminskiy and Alexei Creshniyov is a groundbreaking book that explores the transformative impact of GovTech on governance. It addresses challenges governments face in the digital age, emphasizing the role of technology and innovation. The book covers the evolution of technology in government, digital identity, and practical GovTech implementation, including real-time governance monitoring and cybersecurity. It also explores GovTech's impact on the developing world and its potential in the global charity sector. Aimed at policymakers and citizens, the book provides insights into enhancing government efficiency and inclusivity. Pre-order your copy to be part of the GovTech revolution shaping our digital governance landscape.*





# About the Book: Introducing Global GovTech Industry

## PART I.

### STATE OF GOVTECH IN THE MODERN WORLD

- **Chapter 1. The Evolution From Deep Governance to GovTech**
  - The Evolution of Technology Use in Government
  - The Rise of GovTech
  - GovTech Industry Analytical Framework and Dashboard
  - Shifting to an Integrated Government Approach
  - The Acceleration of GovTech Adoption in View of COVID-19
- **Chapter 2. The Evolution From Deep Governance to GovTech**
  - The Current State of GovTech (2020-2023)
  - The Trajectory of Sustainable Development
  - GovTech Industry Key Challenges, Opportunities, Trends, and Projections
- **Chapter 3. The Importance of Digital Identity**
  - The Digital Identity Concept
  - Countries Have Set Out Principles for the Future of Digital ID
- **Chapter 4. The Digitalisation of Everything**
- **Chapter 5. What is Good Governance in the Age of the 4th and 5th Industrial Revolutions?**

## PART II.

### GOVERNMENT TECHNOLOGIES

- **Chapter 6. Innovation Technologies (AI, Digitalisation, and Blockchain) To Propel the Next Stage of Economic Development for First-World Countries**
  - Next-Generation Technologies (including Digitalisation, AI, IT and Blockchain) to Enhance/Propel Developed Countries to the Next Stage of Growth, Stability and Prosperity Between 2025-2030
  - The Future of National Development Depends Upon Positioning DeepTech at the Centre of National Strategies
- **Chapter 7. Data Science and Big Data Analytics for Real-Time Governance Monitoring, Modelling, and Forecasting**
- **Chapter 8. The Present State and Near Future of RegTech**
- **Chapter 9. Advanced Cybersecurity and the Protection of Critical Infrastructure**
- **Chapter 10. AI and Data Science for Long-Term Scenario Analysis and Optimisation of Government Management**
- **Chapter 11. DeepTech Implementation: the Path Towards GovTech 2.0**

# About the Book: Introducing Global GovTech Industry

## PART III.

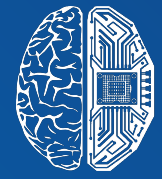
### GOVTECH IMPLEMENTATION

- **Chapter 12. GovTech and the Transparency Revolution**
  - Making Government Management Transparent, Accountable, Auditable, Authenticatable, and Trustworthy via Data Science and AI
  - A New Era of Citizen Rights and Responsibility: Technological Tools to Enable Full Transparency and Direct Accountability of Governments to 21st Century Citizens
- **Chapter 13. Propelling Women's Rights in GovTech**
  - GovTech's Gender Gap: Propelling Female Leaders
  - Propelling Female Leadership in GovTech
- **Chapter 14. GovTech and COVID**
- **Chapter 15. Longevity Politics as the New Political Reality of the 21st Century**
- **Chapter 16. Investing in GovTech**
- **Chapter 17. Major Roadblocks and Challenges in the Practical Application of GovTech**

## PART IV.

### GOVTECH IMPACT

- **Chapter 18. Deep Impact in the Developing World**
  - DeepTech for Deep Impact: GovTech as the Critical Catalyst for Second- and Third-World Governments to Create the Biggest Social Impact
  - GovTech to Leapfrog Developmental Barriers and Obstacles in Developing and Underdeveloped Nations
- **Chapter 19. Digital, Financial, and Technological Inclusion for All Humanity**
  - Digital and Technological Inclusion for All
  - Financial Inclusion as a Part of Human Equality
  - Technologies That Shape Economic Development
- **Afterword: Shaping the Future of Governance through GovTech**

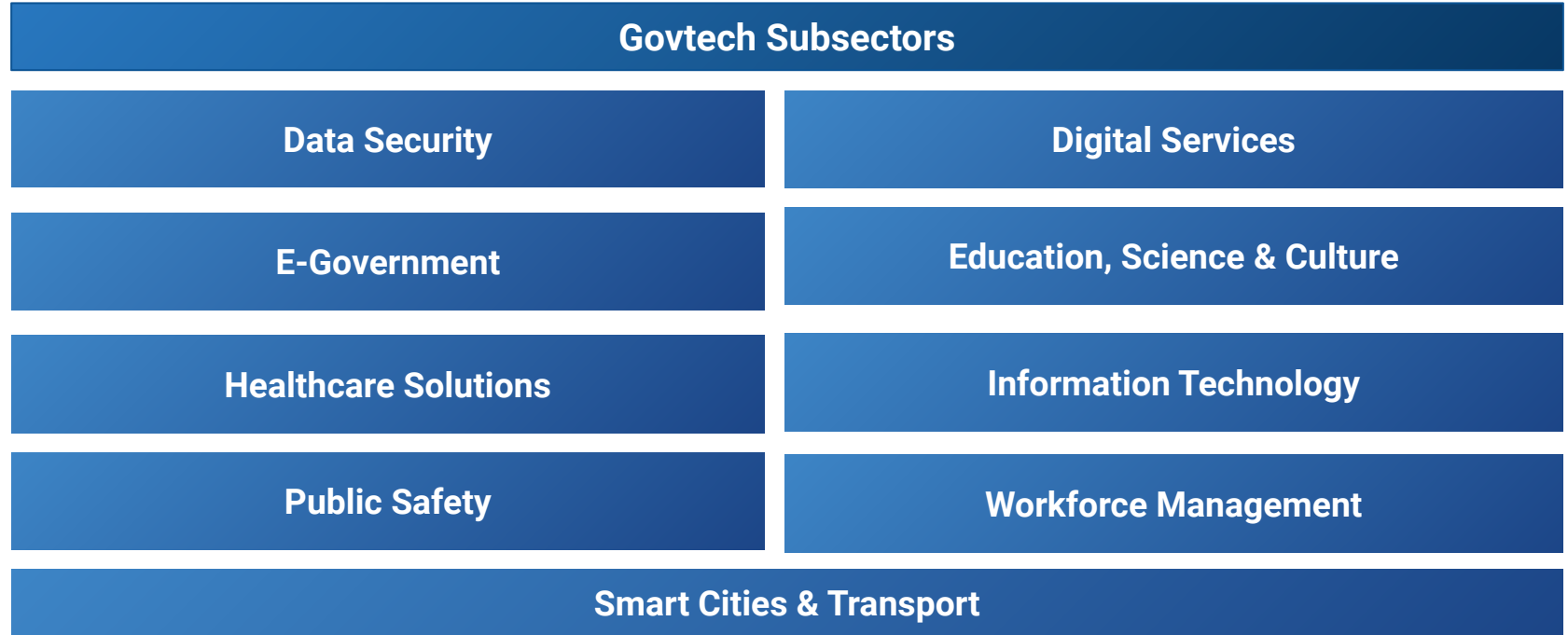


GovTech  
Analytics

# *GovTech Analytics Methodology, Industry Trends and Predictions*



# GovTech Industry Ecosystem Framework



# Detailed Classification of GovTech Industry Sectors



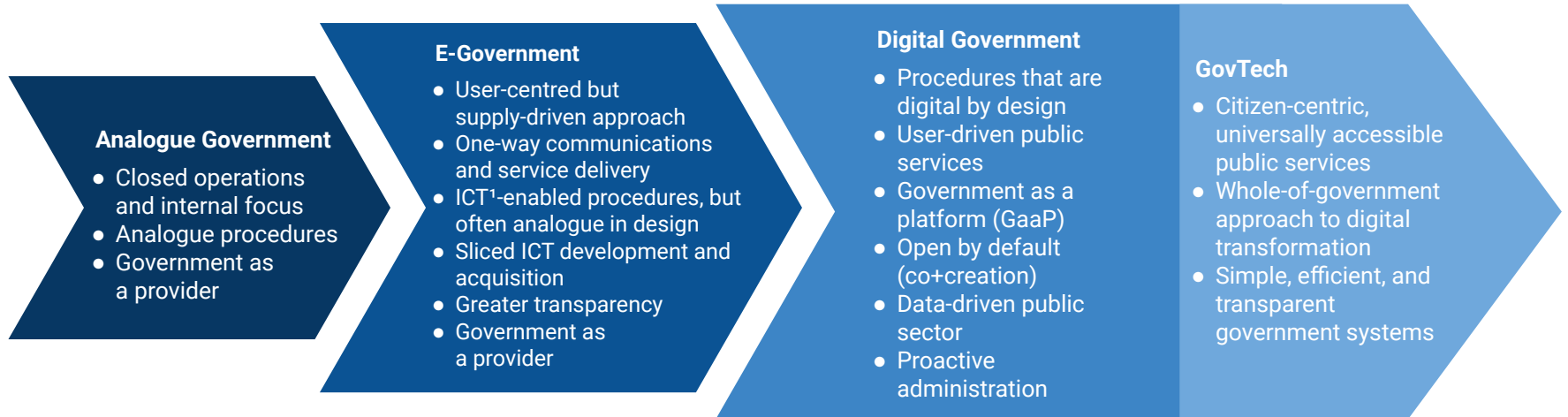
GovTech Industry Ecosystem is a whole of government approach to public sector modernisation. GovTech sectors consist of different technologies and services, which have tools such as citizen feedback, complaint handling mechanisms, etc. Their activities focus on accountability tools (service charters and service standards) with enforcement and monitoring mechanisms, and the use of technology to advance government's efforts at greater transparency.

# Implementation of Modern Technologies in GovTech

Today, people expect public services to use emerging technologies to reduce costs, increase efficiency, improve service quality, and, where possible, provide advanced services.

With rapidly changing societal expectations and advances in technology and technological human behaviour, the public sector will face challenges in the upcoming 5-10 years. Because of this, current technology trends in the public sector are becoming increasingly important.

## Digital Transformation of the Public Sector



# About GovTech Landscape

The process of formulating public policy plays a central role in the life of a country's population. The **government's primary goal is for legislators to set guidelines and then government officials to enforce those policies**. Public policy affects the life of every citizen, from how and when to vote, to where everyone can park, and what is a crime and what is not.

GovTech companies participate in the policy implementation and evaluation phases and help governments implement their chosen public policy options. **GovTech companies are the link between the government and the population of a given country.**

Stakeholders inside and outside the government monitor the impact of a given policy and determine whether it achieves its intended goal. This can lead to further changes in public policy, taking into account the influence of the original policy.

## GovTech – Putting People First





# Investment Landscape

The demand for extended software development in technology companies has created a compelling need for substantial growth investments, particularly within the burgeoning field of GovTech. The intricate nature of software projects, often characterized by evolving technologies and complex requirements, underscores the necessity for significant financial backing to ensure sustainable progress and innovation.

The exponential growth of the GovTech sector, accelerated by the transformative impact of COVID-19, has unveiled fresh and promising investment opportunities. The pandemic has acted as a catalyst, prompting governments globally to swiftly adopt and integrate technology solutions to address unprecedented challenges. This surge in demand has not only elevated the importance of GovTech but has also shifted the perspective of venture capitalists, who were once hesitant. Increasingly, venture capitalists are recognizing the societal significance of GovTech and are more inclined to invest in ventures that promise tangible benefits for the world, reflecting a notable shift in investment trends within the technology landscape.

**93%**

of total funding invested  
in US-based companies

**63%**

of investors are  
US-based








**\$9.2B**

Total reported funding

**\$231.9M**

Largest Series F  
GovTech deal

# About GovTech Companies: Main Competitors

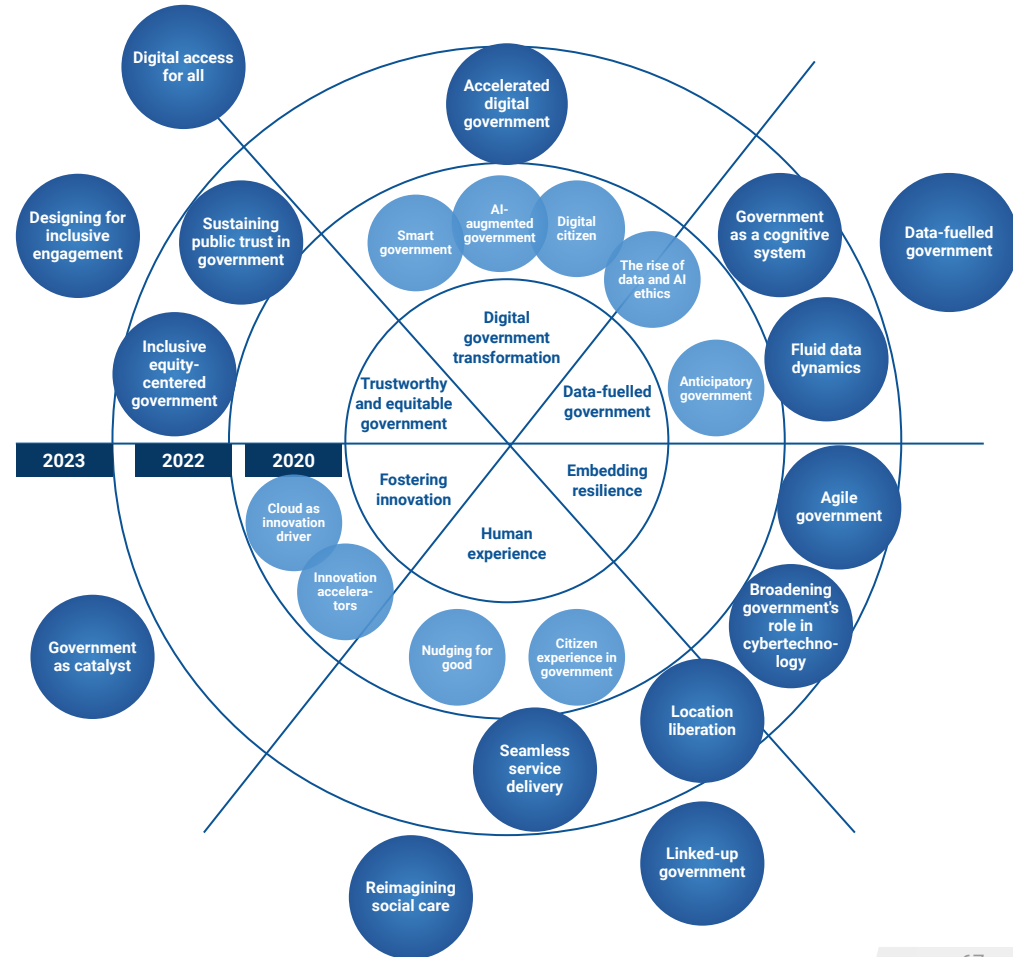
|   |                                       |                 |  |
|---|---------------------------------------|-----------------|--|
|  | <b>Govtech.com</b>                    | <b>101-250</b>  | Govtech.com plays a pivotal role in facilitating the adoption of innovative solutions to <b>enhance public services and promote digital transformation</b> within the public sector.   |
|  | <b>Avenu Insights &amp; Analytics</b> | <b>501-1000</b> | With a focus on <b>leveraging data analytics and insights</b> , Avenu empowers governments to enhance their operational efficiency, improve revenue streams, and deliver better services to their communities.   |
|  | <b>The Data City</b>                  | <b>1-10</b>     | Through <b>advanced data analytics and technology solutions</b> , the company helps cities harness the power of data to <b>make informed decisions, optimize services</b> , and create smarter, more sustainable urban environments.                       |
|  | <b>Pridevel Consulting</b>            | <b>101-250</b>  | With a focus on delivering tailored solutions, Pridevel assists government entities in navigating the <b>complexities of modernization, optimizing processes</b> , and achieving strategic goals.  |
|  | <b>CivicActions</b>                   | <b>51-100</b>   | Specializing in digital government services, CivicActions <b>collaborates with government agencies to design and implement innovative solutions</b> , fostering citizen engagement and improving the delivery of public services.                          |
|  | <b>Visplore</b>                       | <b>1-10</b>     | The company's advanced <b>visual exploration tools empower organizations, including government entities</b> , to derive meaningful insights from complex datasets, driving informed decision-making and strategic planning.                                |
|  | <b>eRepublic</b>                      | <b>251-500</b>  | With a rich history spanning 40 years, eRepublic <b>provides a platform for government and technology leaders to connect</b> , share insights, and stay informed about industry trends, ultimately contributing to the advancement of government services. |

# Evolution of Government Trends

Technologies that improve organisations and people's lives are more important than ever before. Forward-thinking governments and organisations understand the technological forces around them and look for ways to harness them for the benefit of citizens and constituents alike.

The pandemic continues to pose unique challenges for governments: a health crisis coupled with massive economic disruption and unprecedented demands for social support.

The Organisation for Economic Co-operation and Development (OECD) has put it this way: 'The biggest lessons of the crisis are that governments will need to respond to future crises quickly and at scale, while maintaining trust and transparency.' Even as the pandemic reluctantly retreats, governments have begun to build for the future.



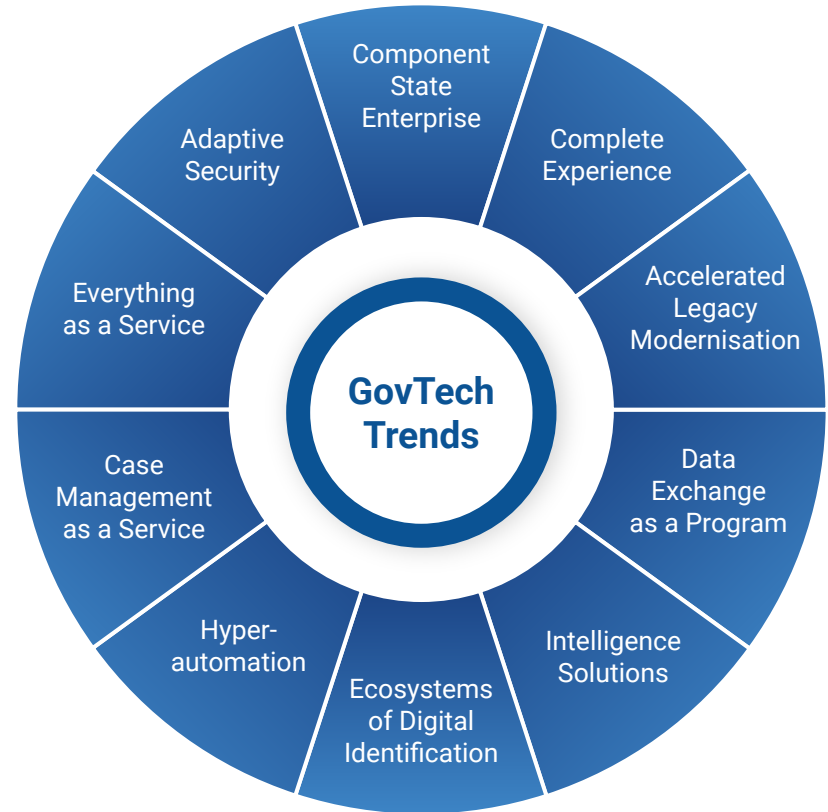
# Trends Shaping GovTech

Technologies that improve organisations and people's lives are more powerful (and more important) than ever before. Forward-thinking governments and organisations understand the technological forces around them and look for ways to harness them for the benefit of citizens and constituents alike..

Some of the latest GovTech trends include:

- The use of **Artificial Intelligence** to streamline government processes and improve decision-making.
- The **development of digital identities** that will allow citizens to access government services online using a secure and convenient login.
- The use of **advanced cybersecurity** to reduce cyber threats.

By harnessing the latest technologies, the government is able to provide better services to citizens, save money, and increase efficiency.

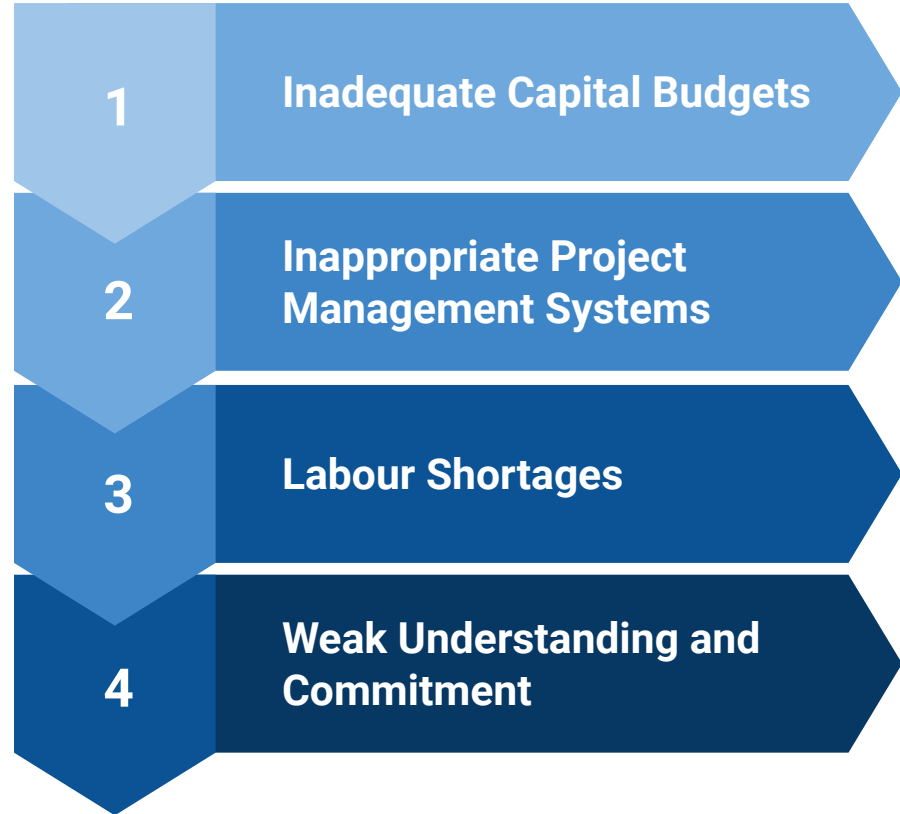


# Challenges in Implementing Digital Change

**Some 23% of CIOs worldwide identified siloed strategies and decision-making as a high-priority challenge.**

While GovTech has the potential to transform the way the government works, there are a number of general challenges that need to be addressed before it can be deployed on a large scale. **One of the biggest challenges is ensuring that data is secure.** GovTech systems often rely on data sharing between different government departments, which means that there is a risk of sensitive information being leaked. Another challenge is getting buy-in from all stakeholders.

Government departments are often resistant to change, so it can be difficult to get everyone on board with a new system. In addition, there is the issue of cost. **GovTech systems can be expensive to develop and implement, so finding the funding to roll them out across the government can be a challenge.** Despite these challenges, GovTech has the potential to transform the way the government works, making it more efficient and effective.



# GovTech Industry Challenges

## GovTech Challenges

### Public Sector

Procurement processes in innovation mechanisms are considered uncertain and risky. Setting them up takes a lot of time, can use too many resources and have an uncertain result. In addition to risk perception, public institutions shy away from participating in public procurement of process innovations because they consider the task itself too difficult and the problem too complex to be able to solve.

### Private Sector

Dependence on venture capital is accompanied by the expectation of growth in conditions of limited market space.

A consolidated market space dominated by large system integrators.

Entry barriers: EU procurement standards for digital solutions in the public sector can be difficult to navigate for startups that lack the experience to interpret and implement them.



# The Future of GovTech Industry: Key Predictions



Overall, European countries are improving every year, with an average maturity of digital solutions in public services of 65%.

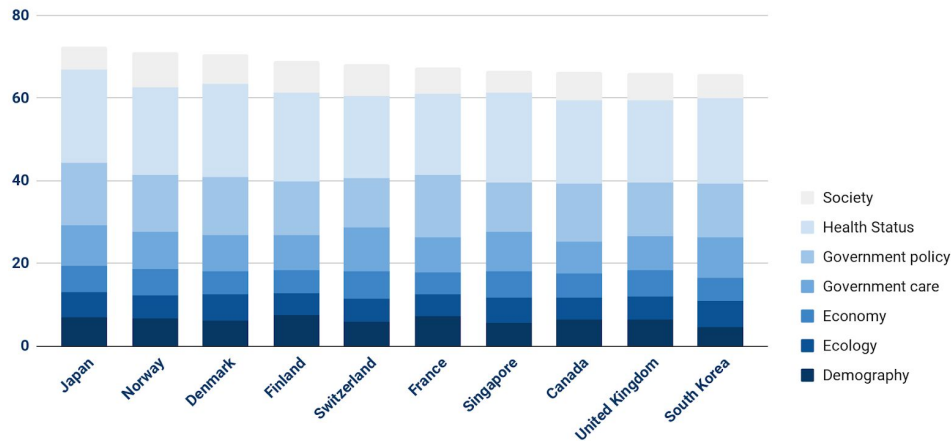


Citizens' expectations are rising as they have grown accustomed to a different kind of user experience and functionality from using consumer-focused apps such as Spotify, Uber, and Google.

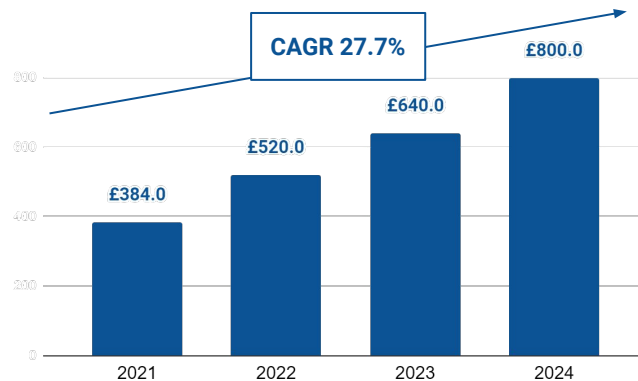


GovTech companies need more support from public authorities, since they can meet the needs of citizens who demand greater simplicity, speed, and proximity in their administrative procedures.

## Top 10 Countries by Longevity Government Development

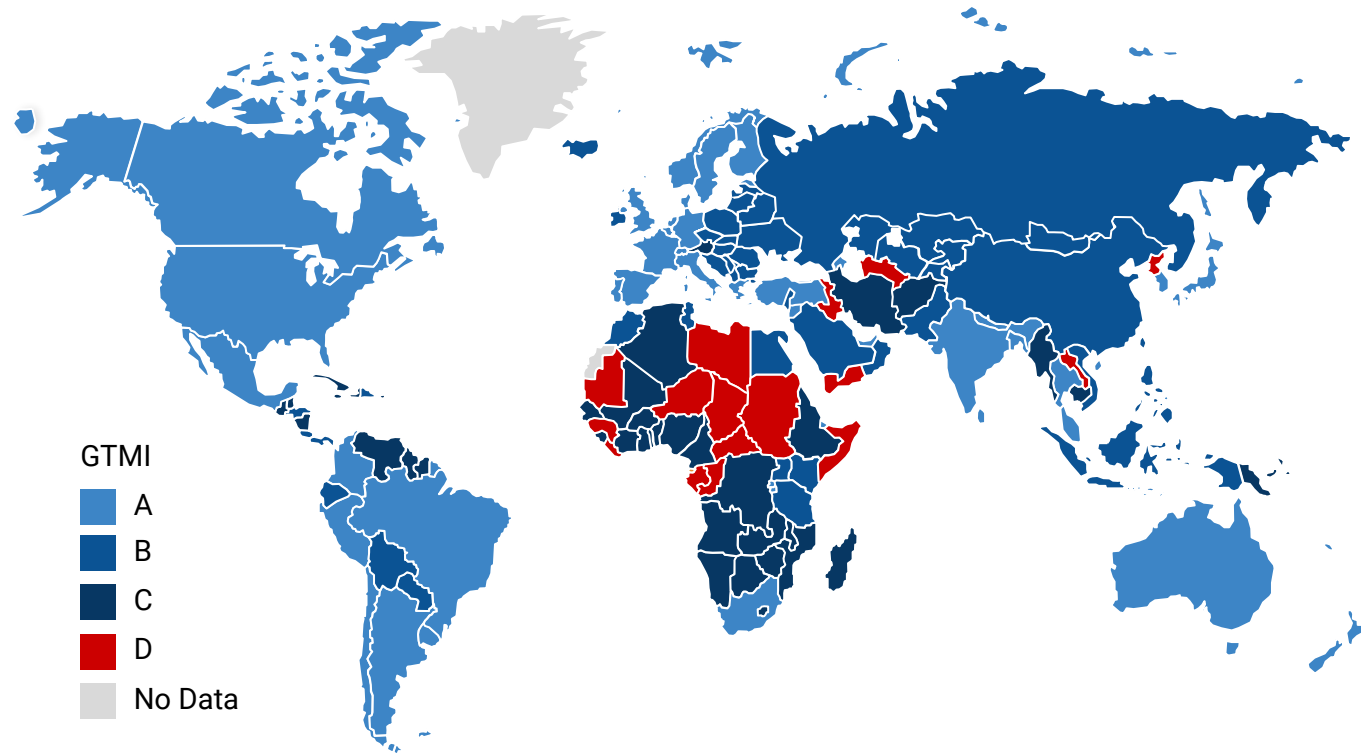


## GovTech Market Size Predictions 2021-2024, B



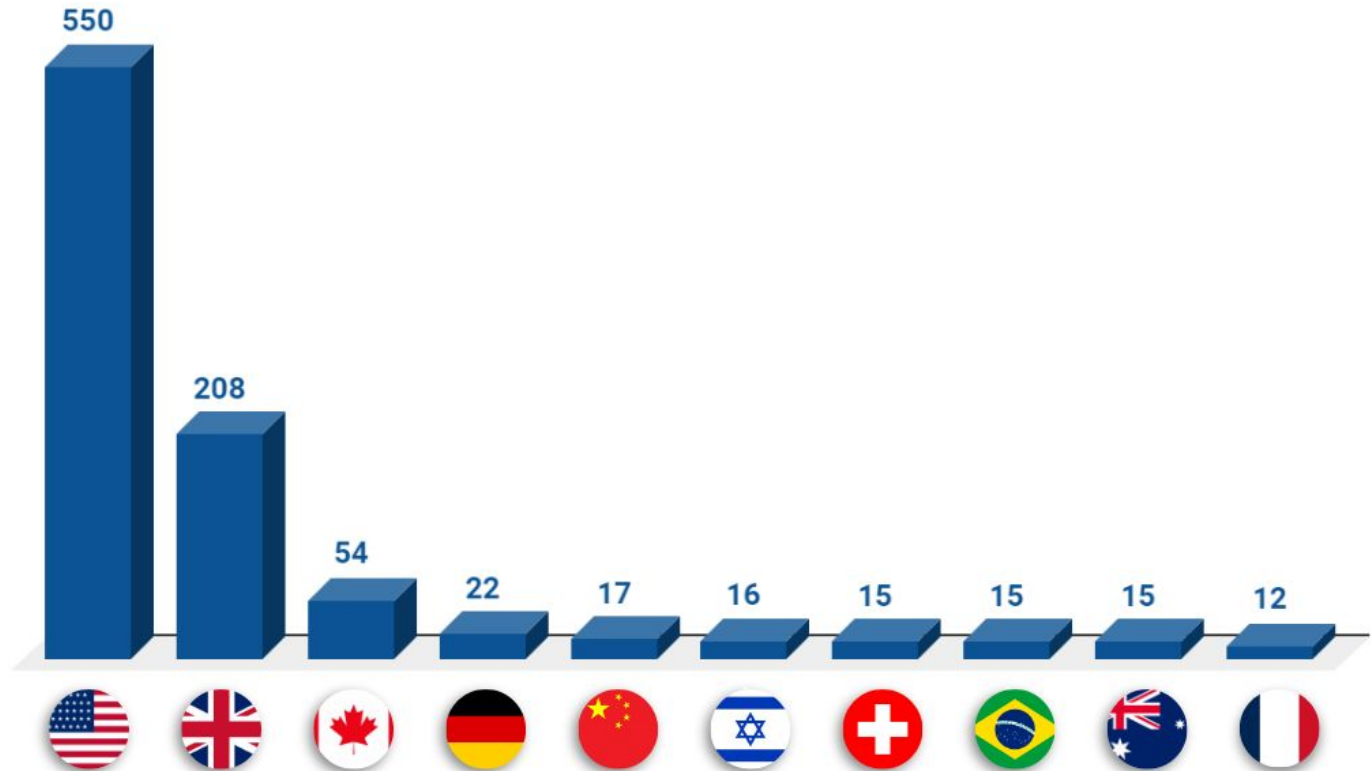
# GovTech Maturity Index (GTMI)

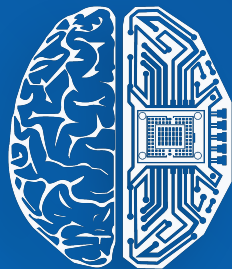
The GovTech Maturity Index measures the key aspects of GovTech and represents the most comprehensive measure of digital transformation in the public sector. All 198 economies are grouped from A to D, based on their average GTMI score. Some 43 leading economies (21%) use advanced or innovative digital solutions and demonstrate best practices in all GovTech areas; by contrast, 33 world governments (17%) have little or no focus on the GovTech agenda. Furthermore, 59 economies (30%) have made significant investments in various areas of GovTech, while 63 governments (32%) have ongoing projects to increase maturity.



## Top 10 Countries by Number of GovTech Companies, 2023

North America, where 52% of GovTech companies are located as of 2023, is the leading region in the global GovTech Industry. The second biggest region is EMEA, with around a 36% share of GovTech companies globally. The top three countries by the number of companies analysed in the report are the United States (550), the United Kingdom (208), and Canada (54).





# DEEP KNOWLEDGE ANALYTICS

## Overview

|  |   |
|--|---|
| E-mail: <a href="mailto:info@dka.global">info@dka.global</a>           | Website: <a href="http://www.dka.global">www.dka.global</a> |
| <a href="http://www.deep-innovation.tech">www.deep-innovation.tech</a> |   |

# Deep Knowledge Analytics

## DeepTech Focused Analytical Subsidiary

DeepTech focused agency producing advanced analytics on DeepTech and frontier-technology industries using sophisticated multi-dimensional frameworks and algorithmic methods that combine hundreds of specially-designed and specifically-weighted metrics and parameters to deliver insightful market intelligence, pragmatic forecasting and tangible industry benchmarking.

### Analytical Subsidiaries of Deep Knowledge Group

AI Industry  
Analytics

Aging Analytics  
Agency

FemTech  
Analytics

SpaceTech  
Analytics

Deep Pharma  
Intelligence

DeepTech and  
Longevity Industry  
Financial Advisors

NeuroTech  
Analytics

GovTech  
Analytics

# Deep Knowledge Analytics Overview

Deep Knowledge Analytics is a DeepTech focused agency producing advanced analytics on DeepTech and frontier-technology industries using sophisticated multi-dimensional frameworks and algorithmic methods that combine hundreds of specially-designed and specifically-weighted metrics and parameters to deliver insightful market intelligence, pragmatic forecasting and tangible industry benchmarking.



**Deep Knowledge Analytics** can engage with strategic partners via several different approaches, including:

- Conduct customised case studies, research and analytics for internal (organizational) use, tailored to the precise needs of specific clients;
- Production of analytical reports for open source use (freely accessible);
- Perform customised solutions using specialised software, industry and technology databases, interactive IT-platforms.

## Major Sectors of Expertise



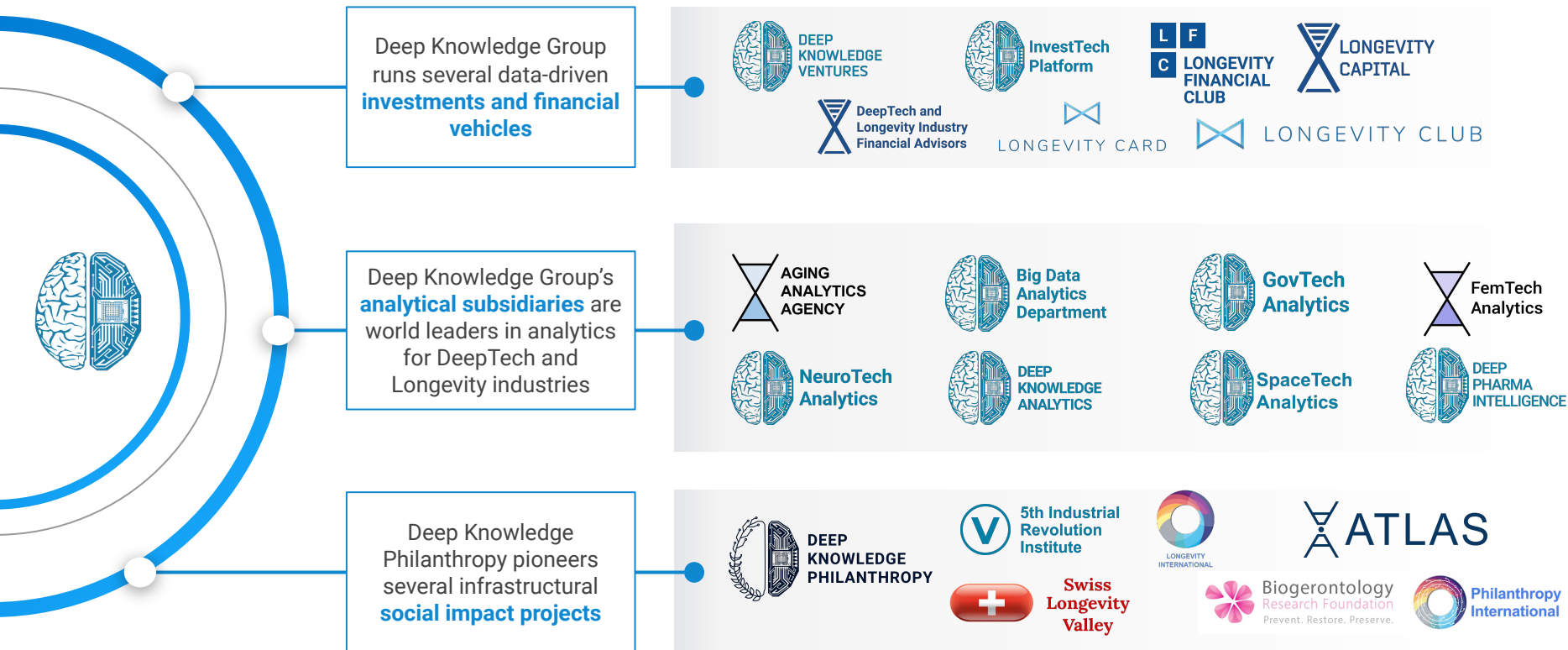
Joint Reports with UK All-Party Parliamentary Groups Deep Knowledge Analytics specializes in conducting special case studies and producing advanced industry analytical reports on the topics of Artificial Intelligence, GovTech, Blockchain, FinTech and Invest-Tech. It has produced a number of comprehensive analytical reports in coordination with the UK All-Parties Parliamentary Groups on AI and on Blockchain, including its AI in UK Landscape Overview 2018 and Blockchain in UK Landscape Overview 2018, unprecedented in their scope and length, and collectively more than 3000 pages.



*Deep Knowledge Analytics, in coordination with the All-Party Parliamentary Group on AI and Blockchain, produced and presented specialized analytical reports in the House of Lords.*

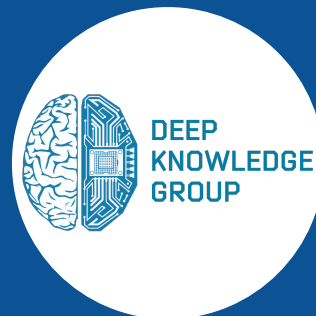


# Deep Knowledge Group Structure








Longevity  
Aging  
FemTech  
COVID-19  
Deep Pharma



Future FinTech  
InvestTech  
NeuroTech  
SpaceTech  
GovTech

# Deep Knowledge Group's Contributors and Partners

|   |  |   |   |   |   |   |
|---|--|---|---|---|---|---|
| <br><b>Henley &amp; Partners</b><br><a href="http://www.henleyglobal.com">www.henleyglobal.com</a>                             | <br><b>IT-GRAD</b><br><a href="http://www.it-grad.ru">www.it-grad.ru</a>  | <br><b>RIBER</b><br><a href="http://www.proyectomilenio.org/es/web/guest/riber">www.proyectomilenio.org/es/web/guest/riber</a> | <br><b>London Longevity Society</b><br><a href="http://www.m.facebook.com/London-Longevity-Society">www.m.facebook.com/London-Longevity-Society</a>  | <br><b>دائرة الصحة</b><br><b>DEPARTMENT OF HEALTH</b><br><a href="http://www.doh.gov.ae">www.doh.gov.ae</a>  | <br><b>MIDAS</b><br><a href="http://www.investinmanchester.com">www.investinmanchester.com</a>                                     | <br><b>GREENGAGE</b><br><a href="http://www.greengage.co">www.greengage.co</a>   |
| <br><b>Oxford Society Of Ageing and Longevity</b><br><a href="http://www.ageingandlongevity.com">www.ageingandlongevity.com</a> | <br><b>CAMBRIDGE UNIVERSITY LONGEVITY SOCIETY</b><br><a href="http://www.facebook.com/CamULSoc">www.facebook.com/CamULSoc</a> | <br><b>hype 50+</b><br><a href="http://www.hype50mais.com.br">www.hype50mais.com.br</a>  | <br><b>The Millennium Project</b><br><b>global futures research capacity</b><br><a href="http://www.millennium-project.org">www.millennium-project.org</a>   | <br><b>World Future Society</b><br><b>Capítulo Mexicano, A.C.</b><br><a href="http://www.wfsmexico.org">www.wfsmexico.org</a>  | <br><b>Global AI Hub</b><br><a href="http://www.globalaihub.com">www.globalaihub.com</a>   | <br><b>INTERNATIONAL LONGEVITY ALLIANCE</b><br><a href="http://www.longevityalliance.org">www.longevityalliance.org</a>    |
| <br><b>Kitalys Institute</b><br><a href="http://www.kitalys.org">www.kitalys.org</a>  | <br><b>MOIP</b><br><b>MOSCOW SOCIETY OF NATURALISTS</b><br><a href="http://www.moip.msu.ru">www.moip.msu.ru</a>               | <br><b>Canadian Longevity Association</b><br><a href="http://www.canadianlongevity.ca">www.canadianlongevity.ca</a>            | <br><b>AGING INTERVENTION FOUNDATION</b><br><b>Gerontology Research Group Aging Science Initiative</b><br><a href="http://www.aginginterventionfoundation.org">www.aginginterventionfoundation.org</a> | <br><b>GERONTOLOGY RESEARCH GROUP</b><br><a href="http://www.grg.org">www.grg.org</a>  | <br><b>Sociedad Mundial del Futuro</b><br><b>Venezuela</b><br><a href="http://www.futurovenezuela.org">www.futurovenezuela.org</a> | <br><b>BIG INNOVATION CENTRE</b><br><a href="http://www.biginnovationcentre.com">www.biginnovationcentre.com</a>           |
| <br><b>GovMIND</b><br><a href="http://www.govmind.tech">www.govmind.tech</a>  | <br><b>#ADD</b><br><b>Agence de Développement du Digital</b><br><a href="http://www.add.gov.ma">www.add.gov.ma</a>            | <br><b>Win Solutions, France</b><br><a href="http://www.winsolutions.fr">www.winsolutions.fr</a>                               | <br><b>SDAIA</b><br><b>الهيئة السعودية للبيانات والذكاء الاصطناعي</b><br><b>Saudi Data &amp; AI Authority</b><br><a href="http://www.sdaia.gov.sa">www.sdaia.gov.sa</a>                                | <br><b>ותק - התנועה לאיכות ואריכות חיים (נ"ר)</b><br><b>Vetek (Seniority) - the Movement for Longevity and Quality of Life</b><br><a href="http://www.longevityisrael.org">www.longevityisrael.org</a> | <br><b>01GOV</b><br><b>FUTURE NOW</b><br><a href="http://www.01gov.com">www.01gov.com</a>  | <br><b>egovernment</b><br><b>SCHWEIZ · SUISSE · SVIZZERA</b><br><a href="http://www.egovernment.ch">www.egovernment.ch</a> |



Metabesity and Longevity:  
USA Special Case Study.  
Joint Project with Targeting  
Metabesity 2019 Conference  
in Washington.  
Policy Proposal to the US  
Congress.

Link to the Case Study [here](#)



Proposal to the UK All Party  
Parliamentary Group  
on Longevity:  
"National Strategy for Five  
More Years of Healthy Life  
Expectancy in the UK.

Link to the Proposal [here](#)



Response to the World  
Health Organization's  
"Decade of Healthy Aging:  
2020 – 2030 Draft Zero  
Action Plan".

Link to the Response [here](#)



Proposal to the UK House of  
Lords Science and  
Technology Committee's  
"Ageing: Science,  
Technology and Healthy  
Living" Evidence Inquiry.

Link to the Proposal [here](#)

[Govtech Analytics \(GA\)](#) subsidiary of [Deep Knowledge Group](#) (DKG) is engaging with regional government authorities and municipalities with vested interests in creating or maintaining world-leading govtech analytics agency on the matter of **establishing as pioneers in harnessing the power of technology.**

Incorporating state-of-the-art government technologies allows municipalities to revolutionize their governance models. The integration of AI in government can streamline regulatory processes, enhance transparency, and deliver more efficient and responsive services. Our objective is to showcase expertise through insightful case studies and thought leadership, illustrating the transformative impact of advanced analytics and technology on improving governmental operations and decision-making processes.

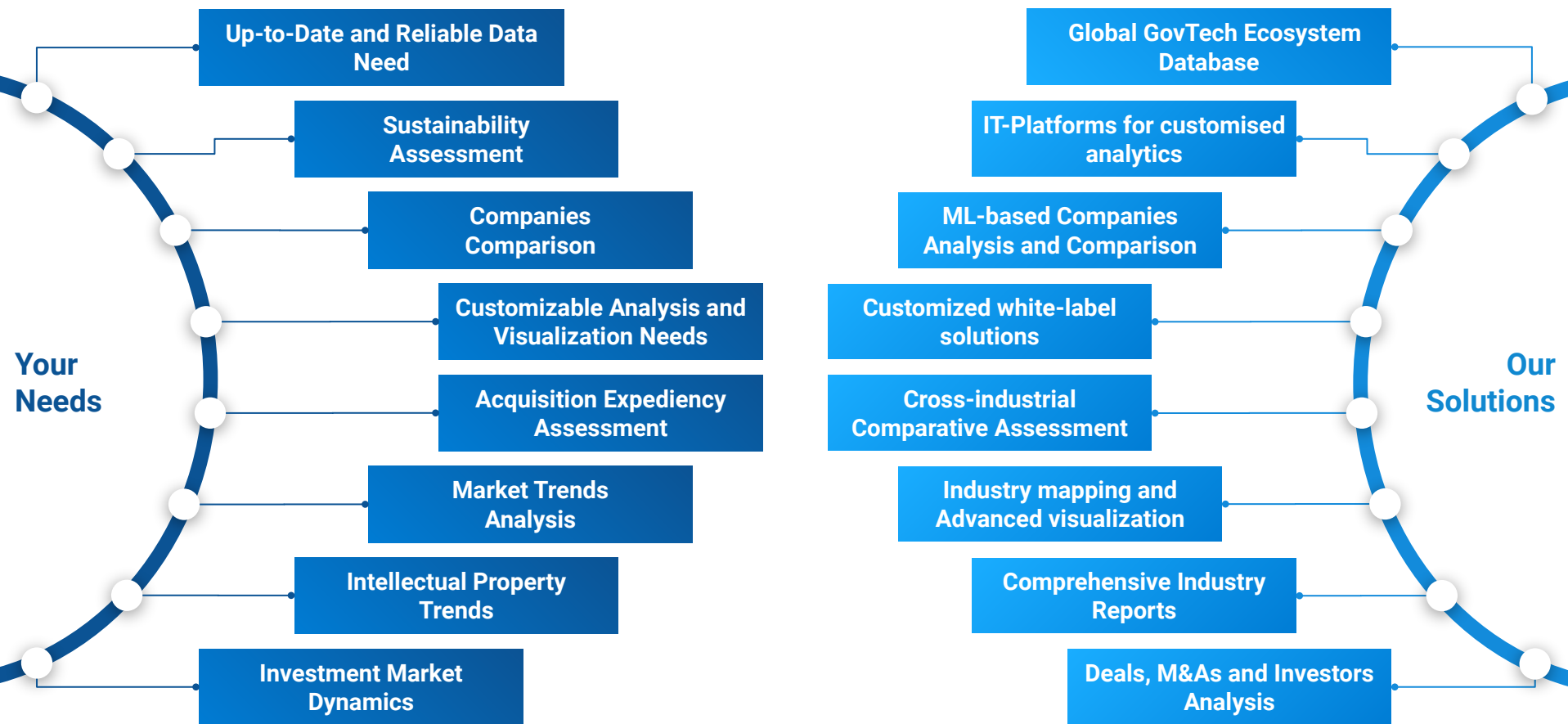
**Industry mapping and  
Advanced visualization  
capabilities for  
comprehensive data  
representation**

**AI-driven Big Data  
Analytics System and  
Industry Dashboards,  
Extended the number  
of dashboards' tools**

**Specialised interactive  
industry and  
technology databases  
and IT-Platforms for  
customised analytics**

**Customized  
white-label solutions  
for specific industry  
verticals, technological  
domains and regional  
ecosystems**

# Proposition Summary: Your Needs and Our Solutions





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## Engage with Us Today!

### Consultancy Excellence

"Elevate your GovTech with our expert guidance, achieving seamless modernization and implementation. Explore specialized, interactive industry and technology databases integrated into customized IT platforms for unparalleled analytics."

### White Label Solutions

"Elevate your brand with our customized white-label solutions tailored for specific industry verticals, technological domains, and regional ecosystems. Deliver excellence seamlessly with our hassle-free dashboard solutions."

### Dashboard Subscription

"Empower your journey to a smarter, data-driven future with our AI-driven Big Data Analytics System, featuring extended tools for industry dashboards. Stay ahead with exclusive features and updates, unlocking the full potential of insightful analytics."

### Project Partnership

**Let's collaborate for success.**  
**Your vision, our expertise – a powerful alliance!**

**Contact us!**

**info@govtech.global**

# Join Us in Shaping the Future

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## The Keys to Future Success:

Our partnerships and investments are the keys to future success in the GovTech sector. By joining forces with GovTech Analytics, you gain access to a network of visionaries, innovators, and experts. Together, we navigate the evolving GovTech landscape, capitalize on emerging opportunities, and address challenges with creativity and resilience. With us, you're not just a partner or an investor; you're a catalyst for change, propelling us toward a future where technology and governance unite for the betterment of society.

## Join Us in Shaping Change:

If you are a visionary business leader or an investor looking to make a meaningful impact, GovTech Analytics is your ideal partner. Join our transformative journey and be part of a dynamic community shaping the future of the GovTech sector. Together, we can revolutionize public services, enhance accessibility, and empower communities. Let's shape change together and create a legacy of innovation and progress. The future of GovTech starts with your partnership and investment. Join us, and let's redefine the future together.



**GovTech Analytics**

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**Deep Knowledge Group**

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