

Analytical Frameworks

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Evolution of Analytical Methods

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Analytical Methods and Systems Developed by Deep Knowledge Group



Created frameworks

as a basis for further

analytical research of

complex industries

Frameworks of

Complex Longevity

and DeepTech

Industries

2013





Fundamental

2014 - 2018

Analytical Reports



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



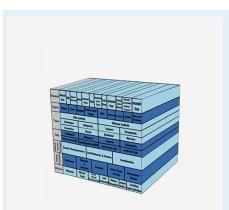
Extended the number of dashboards' tools and added the embedded AI Engine

Al-driven Big Data Analytics System and Dashboards

2020 - 2021 2021 - 2023

Reports by Aging Analytics Agency 2013 - 2015

Specialized Longevity Industry Reports



Analytical Regenerative Medicine Industry Framework











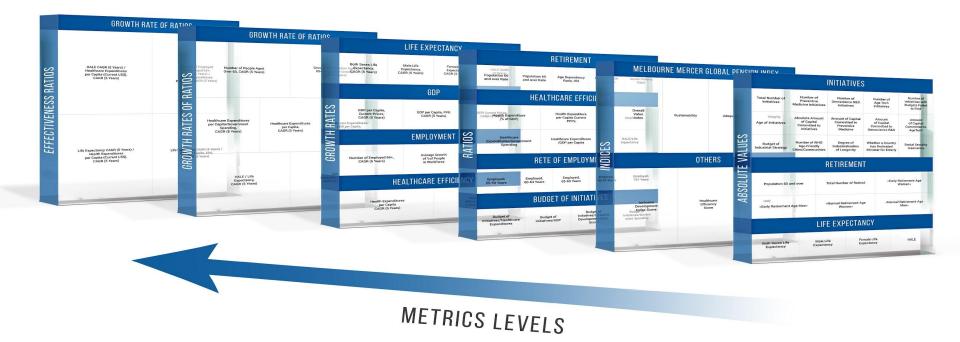
Sophisticated Multi-Dimensional Analytical Framework



Aging Analytics Agency's 3-D Longevity Industry Analytical Framework, the production of which was necessitated by the complexities of the sector, and required in order to obtain a tangible and pragmatic understanding of the industry in order to structure investment strategy in a relevant way.

Aging Analytics Agency has been working over the course of the past five years on designing and validating increasingly quantitative and multidimensional approaches to industry analytics so as to serve as the leading tools and solutions for strategic decision making, with the aim of developing corresponding frameworks to the levels necessitated by the rapidly complexifying nature of the global healthcare system.

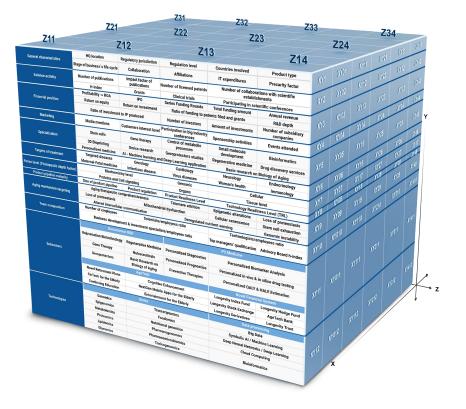
Sophisticated Multi-Dimensional Analytical Framework



The metrics developed for and used in Aging Analytics Agency's <u>National Longevity Development Plans: Global Overview 2019</u> report, <u>presented</u> in UK Parliament at the official launch event of the <u>All-Party Parliamentary Group for Longevity</u>, are broken down into 6 distinct layers, with specific ratios being derived from 1st layer metrics, specific metric ratios and growth rates of ratios being derived from 3rd-layer metrics, effectiveness measures being derived from 4th layer metrics, and effectiveness measure growth rates being derived from 5th layer metrics.

Comprehensive Open-Access and Proprietary Analytical Frameworks for Benchmarking and Forecasting

Open Access Metrics



Aging Analytics Agency recognizes that an industry as complex and multidimensional as the Longevity industry requires the application of an equally multidimensional comparative analysis and classification framework.

This analytical framework includes metrics for identifying the breadth of the industry, identifying the diverse technological threads that make up the future growth of the industry, and its depth, identifying

the focus level of each technology, and the state of maturation of each. To identify the top 400 Longevity companies across 10 specific Longevity Industry subsectors, open access metrics were applied.

Comprehensive Open-Access and Proprietary Analytical Frameworks for Benchmarking and Forecasting

Proprietary Metrics



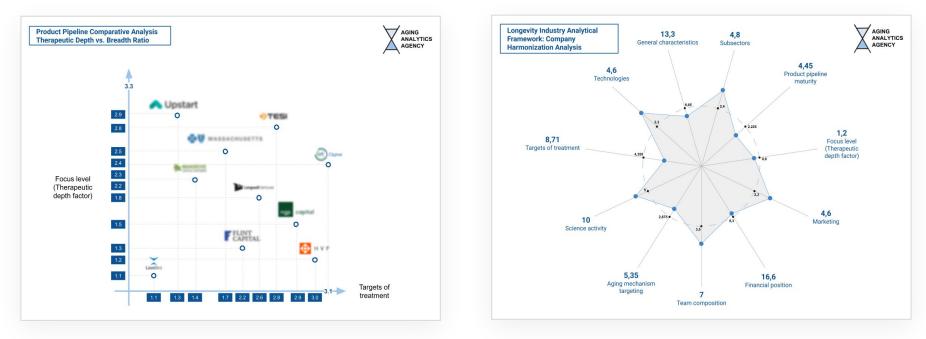
Developed years ago, the methodology and metrics of the framework were public and used in a number of other open-access Aging Analytics Agency reports, whereas a large portion of the analytical frameworks used for benchmarking are proprietary, available to potential clients interested in more tailored analytics, SWOT and practical recommendations via NDA.

These include both absolute values (quantitative or qualitative) and dynamic parameters to analyze metrics as they change over time.

Benchmarking of top-100 and top-40 Longevity Companies was conducted primarily via the use of proprietary metrics, which includes parameters specific to 10 distinct Longevity Industry subsectors, and which also analyzes dynamic changes in company strengths and weaknesses over time.

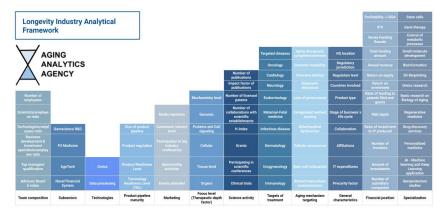
Advanced Longevity Industry Analytical Frameworks

Since first developing quantitative analytical frameworks for Longevity Industry analysis in 2013, Aging Analytics Agency has continued to refine these comparative analysis systems, both in terms of the specific metrics used to conduct its market studies, as well as the mathematical formulas used to combine them, and the advanced visualization techniques used to make their forecasts, ranking and determinations maximally concrete and understandable.

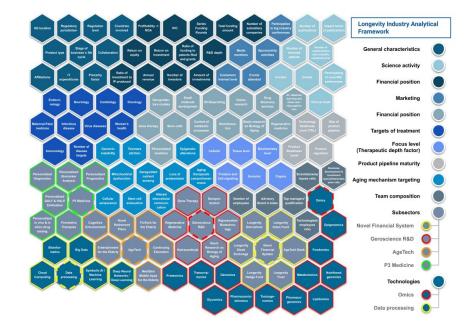


Advanced Longevity Industry Analytical Frameworks

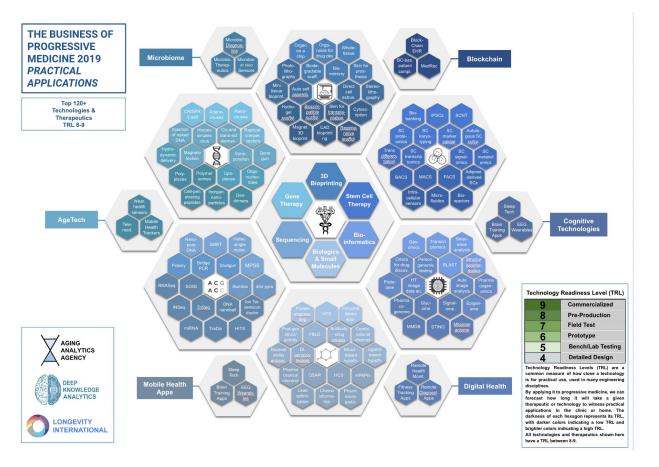
These analytical methodologies have evolved to incorporate 3-D frameworks where metrics and submetrics can be visualized simultaneously, as well as the development of advanced "timeline machines" to study the changing state of a company's strength in specific areas ranging from scientific validation to business development, R&D, etc. over time, and projected into the future based on the statistical properties of its past behaviour. The quantitative frameworks developed by Aging Analytics Agency form the basis for investment target identification, portfolio structuring and optimization, and due diligence processes.



| Geroscience R&D | Rejuvenation Biotechnology | Gene Therapy | Geroprotectors | Regenerative Medicine | Nutraceuticals | Basic Research on Biology of Aging |
|-----------------|----------------------------|--------------------------------|---|---------------------------------|--|------------------------------------|
| P3 Medicine | Personalized Diagnostics | Personalized Prognostics | Personalized QALY & HALE Estimation | Personalized Biomarker Analysis | Personalized in vivo & in silico drug testing | Preventive Therapies |
| AgeTech | Novel Retirement Plans | FinTech for the Elderly | Continuing Education | Cognitive Enhancement | NextGen Mobile Apps for the Elderly | Entertainment for the Elderly |
| | Longevity Index Fund | Longevity Stock Exchange | Longevity Derivatives | Longevity Hedge Fund | AgeTech Bank | Longevity Trust |
| | | | TECHNOLOGIES | | | |
| Omics | Genomics | Epigenomics | Metabolomics | Proteomics | Lipidomics | Glycomics |
| | Transcriptomics | Foodomics | Nutritional genomics | Pharmacogenomics | Pharmacomicrobiomics | Toxicogenomics |
| | Big Data | Symbolic AI / Machine Learning | Deep Neural Networks / Deep Learning | Cloud Computing | Bioinformatics | |



De-Risking Longevity Investments via Technology Readiness Levels (TRLs)



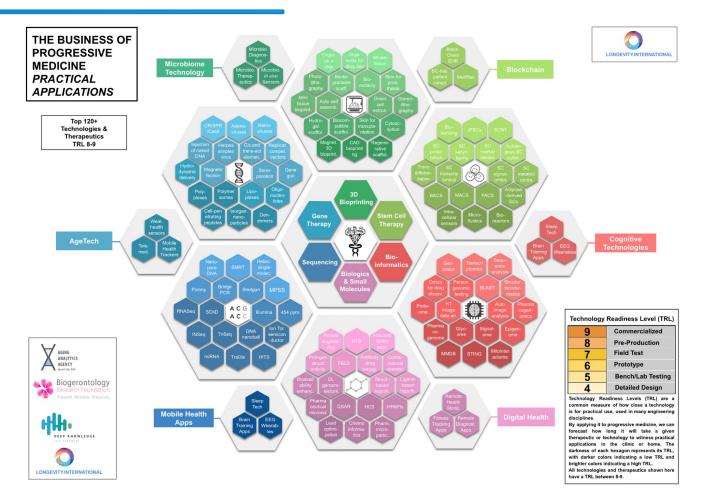
Aging Analytics Agency was the first entity to take validated approaches for market-readiness forecasting developed in other advanced industries like aerospace and apply it the the life sciences and the Longevity industry.

Technology Readiness Levels (TRLs) use a ranking of 1-9, with 9 being the most mature technology. Specific levels are assigned to specific technologies by a group of relevant scientific experts.

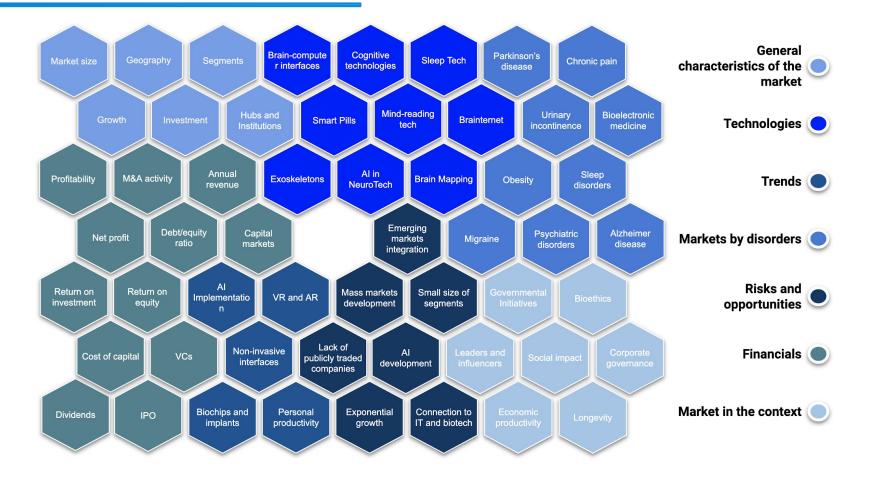
The use of TRLs provides a uniform metric, enabling consistent discussions of maturity across different types of technologies. In the coming years, TRLs can underpin efforts to shed light on the most important technologies and reveal those currently furthest away from practical applications.

Therefore, TRLs enable the right timing and focus to ensure each emerging technology accomplishes its specific endpoints, and highlights the interactions that are possible between technologies.

Business of Progressive Medicine Practical Applications Analytical Framework

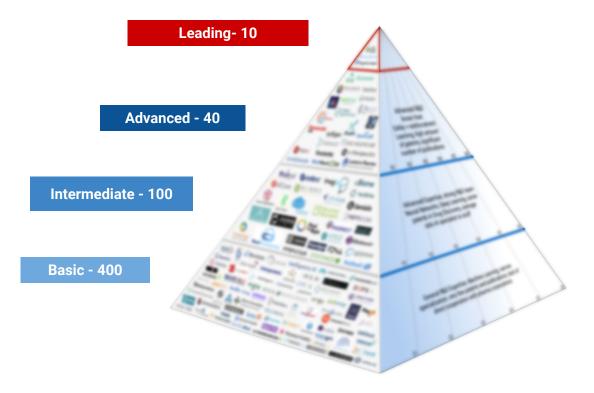


NeuroTech Market and Technology Analysis Framework



Deep Multidimensional Benchmarking of Global Longevity Industry

At the request of Longevity.Capital, Aging Analytics Agency has developed a sophisticated multidimensional analytical framework to benchmark the full scope of companies within the global Longevity Industry via advanced comparative and competitive analyses in order to identify the top-40 most promising Longevity companies distributed across 10 distinct market sectors, revealing the untapped bottom of the Longevity Industry iceberg.



This benchmarking is first applied to the full scope of Longevity companies globally, comparing hundreds of active players in the space side by side, which are then segregated into progressive levels of advancement and potential. The only way to identify the most promising players in an industry distinguished extreme levels of complexity and bv multidimensionality is to use advanced comparative analytical frameworks of equal complexity. This analytical methodology is the data-driven foundation which forms the basis for the structuring of the fund's general investment strategy, company valuation procedures, and due diligence processes.

Deep Knowledge Group Coined and Popularized the Term 'Longevity Industry'



Deep Knowledge Group's work toward creating a truly comprehensive, actionable and relevant Longevity Industry Framework began in earnest through the release of its first formal **Longevity industry framework in 2017/2018** through the publication Aging Analytics Agency's 1000+page *Longevity Industry Landscape Overview 2018* (<u>Volume I:</u> <u>The Science of Longevity</u> and <u>Volume II: The Business of Longevity</u>).

Deep Knowledge Group

Aging Analytics Agency was the First to Define the Longevity Industry

| Encyclopedia | of Gerontology and Population Aging | Springer Reference |
|---|--|--|
| Longevity Inv | dustry Authors and affiliations | |
| Franco Cortese 1 Email author Kate Batz 2 Ian Inkster 3 | Aging Analytics Agency, Toronto, Canada Aging Analytics Agency, New York, USA Aging Analytics Agency, Biogerontology Research Foundation, London, UK | Encyclopedia of Gerontology and Population Aging |
| Living reference work entry First Online: 18 March 2020 DOI: https://doi.org/10.100 | 71 | ি Springer |

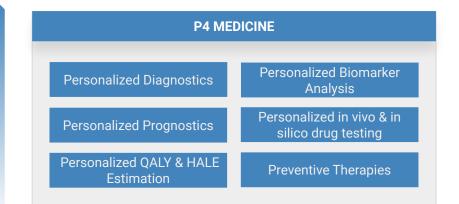
Knowledge Group's Deep flagship Longevity-focused analytical subsidiary Aging Analytics Agency also contributed the official definition and only entry of the 'Longevity Industry' in the Encyclopaedia of Gerontology and **Population Aging**, the world's largest and most definitive encyclopaedia on aging and Longevity compiled and edited by Danan Gu (Population Division of the United Nations, Department of **Economic Social Affairs Population** Division, New York USA) and Matthew E. Dupre.

From 2018 - 2022, Deep Knowledge Group continued to build upon the foundation of Aging Analytics Agency's first-ever comprehensive, full-scope definition and analytical framework for the Longevity Industry through the release of dozens of open-access analytical reports and IT-Platforms via a number of its life science-focused analytical subsidiaries, continuing its mission to comprehensively structure the industry's breadth and complexity by identifying, classifying, and profiling all participants in the Global Longevity Industry ecosystem, applying AI, modern data science, machine learning, reinforcement learning and Big Data analysis for industry analytics to make this information available through a variety of open-access reports and analytics.

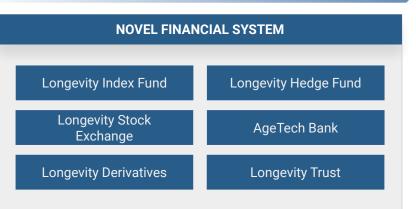
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Longevity Industry Framework Developed in 2018

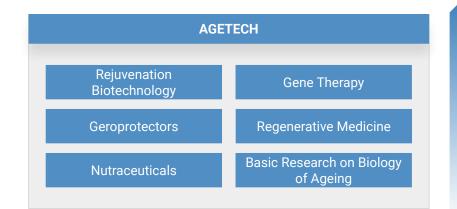
| GEROSCIENCE R&D | | | | | | |
|-------------------------------|---------------------------------------|--|--|--|--|--|
| Rejuvenation Biotechnology | Gene Therapy | | | | | |
| Geroprotectors | Regenerative Medicine | | | | | |
| Nutraceuticals | Basic Research on Biology of Aging | | | | | |

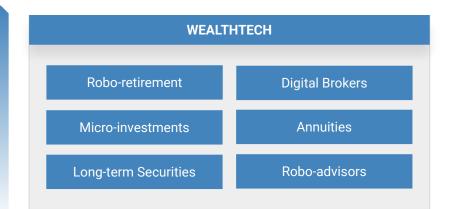


| AGETECH | | | | | | |
|--|--|--|--|--|--|--|
| Novel Retirement Plans | Cognitive Enhancement | | | | | |
| FinTech for the Elderly | NextGen Mobile Apps for the Elderly | | | | | |
| Continuing Education Entertainment for the Elderly | | | | | | |



Longevity Financial Industry Framework Developed in 2018





| LONGEVITY | | | | | | |
|--|--|--|--|--|--|--|
| Novel Retirement Plans | Cognitive Enhancement | | | | | |
| FinTech for the Elderly | NextGen Mobile Apps for the Elderly | | | | | |
| Continuing Education Insurance for the Elderly | | | | | | |



Longevity Governance Analytical Framework Developed in 2019

One of the analytical precedents used in the creation of the present special case study (and its corresponding analytical framework) is "Global Longevity Governance Landscape: 50 regions Big Data Comparative Analysis of Longevity Progressiveness", a special analytical case study developed by its Longevity-focused analytical subsidiary that applied Big Data Analysis (utilizing 200 parameters applied to 50 regions, encompassing 10,000 data points in total) to rank the effectiveness of nation's Longevity Progressive Medicine Policy/Governance efforts.



Most Comprehensive Longevity Industry Framework

We uniquely specialize in the design of multidimensional frameworks to define and precisely categorise industries and technologies. These analytical frameworks heavily prioritize the scientific and technological features of projects and companies, and create the only reliable systematic basis for conducting effective analysis, benchmarking and forecasting.

| Longevity Science | | Longevity Medicine | | Age | AgeTech | |
|-------------------------------|--|-----------------------------|---|----------------------|--|--|
| Rejuvenation Biotechnology | Basic Research on Biology of Ageing | Personalised Diagnostics | Personalised HALE and QALE Estimation | NeuroTech | Cognitive Enhancement | |
| Geroprotectors | Regenerative Medicine | Personalised Prognostics | Personalised in Vivo and in Silico Drug Testing | Smart Homes | NextGen Mobile Apps for the Elderly | |
| Nutraceuticals | Gene Therapy | Preventive Therapies | Participatory Medicine | Continuing Education | Entertainment for the Elderly | |

| Longevity Finance | | Longevity Governance | | Longevity Ethics | |
|-----------------------------|------------------------------|--|--------------------------------|------------------------------------|--------------------------------------|
| Longevity Index Fund | Longevity Hedge Fund | Pension Plans | National Healthcare Budgets | Ageism Mitigation | Civil Participation |
| Longevity Stock Exchange | AgeTech Bank | Longevity Development Strategies | Elderly Care Programs | Logistical Effects of Longevity | Age-friendly Environment |
| Longevity Derivatives | Longevity Investment Bank | National Insurance | Elderly Education | Social Inclusivity | Healthcare as a Basic Human Right |



Analytical Frameworks

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Major Differentiating Points and Advantages of Deep Knowledge Group Analytics Methods

<u>Deep Knowledge Group</u> is a consortium of commercial and non-profit organisations active on multiple fronts in the realm of DeepTech and Frontier Technologies (AI, Longevity, FinTech, GovTech, InvestTech), ranging from scientific research to investment, entrepreneurship, analytics, media, philanthropy and more. The Group is known for its sophisticated multidimensional DeepTech analytics, predictive forecasting and benchmarking, and considers its 10+ analytical subsidiaries its most valuable asset.

The DeepTech sector and its numerous component industries (Longevity, SpaceTech, NanoTech, AI, etc.) are developing at an extremely rapid pace of progress and innovation, with hundreds of thousands of companies that five years ago would be considered as just tech companies, but which have evolved enough in terms of technological and scientific sophistication and complexity to be considered as DeepTech. As a result, DeepTech is gradually replacing Tech as the new normal. We consider the Longevity Industry in particular to be at the very forefront of DeepTech.

The complexity and technological intersectionality of these industries is already so advanced that it makes standard methods of analysis, due diligence and forecasting ineffective, and this unprecedented overcomplexity is only growing, exhibiting increasing degrees of fusion and interconnectivity between different domains of science and technology. There is a pressing need for methods of analytics, benchmarking and forecasting capable of matching and withstanding this growing overcomplexity in order to support, formulate and execute effective decision making. Deep Knowledge Group has an extensive track record of designing effective analytical frameworks for managing this complexity.

- Our Group's focus is on the most advanced DeepTech Industries (and especially those that are the most sophisticated from a scientific and technological point of view), with a particular prioritisation of the Artificial Intelligence and Longevity Industries
- We uniquely specialise in the design of multidimensional logic frameworks to define and precisely categorise DeepTech industries and technologies
- These analytical frameworks heavily prioritise the scientific and technological features of projects and companies, and create the only reliable systematic basis for conducting effective DeepTech analysis, benchmarking and forecasting
- We have designed and validated specialised software capable of aggregating information and data on a massive scale and in a structured manner, subjecting this data to proprietary Big Data Analytical methods in order to effectively and actionably analyse entire DeepTech industries on global and regional scales
- These analytical approaches are then integrated with proprietary Big Data Design software that employs advanced visualisation techniques to represent entire industries within one display, reflecting the dynamics, trends, scope and/or categorical dimensions of entire industry landscapes at a single glance, similar to the concept of 'star maps' (visualisations of the entire set of stars visible in the night sky)
- We then use machine learning techniques to extract hidden correlations and latent patterns within this extreme abundance of data, transforming them into actionable insights
- These techniques are further enhanced by applying specific methodologies of technological forecasting across short-term and long-term timeframes. The end result of this process is similar to <u>Gartner curves</u>, but in our case these are also combined with advanced Big Data analysis of DeepTech industries, sectors and segments, and enhanced with regional assessments of each industry in particular

- While we do have analytics on publicly traded companies (which in general tend to have very significant volumes of information openly accessible), our major focus is on private equity companies (which tend to have lesser volumes of data in the open domain), and we are also conducting sophisticated analysis of matured pre-IPO companies
- For this purpose we strongly prioritise conducting Al-driven *cross analyses* between pre-IPO companies and publicly traded companies that were only recently listed (and which in many respects can be reasonably compared with very matured pre-IPO companies), which yields very unique and actionable insights. In a similar manner we conduct cross-analyses between matured private equity companies and early stage startups, which allows extraction of highly unique insights and valuable correlations not obtainable by any other system we are aware of.

Alternative data in DKG as a cutting-edge solution

Alternative data, by definition, is the data that comes from sources outside of the company. Alternative data analysis can be viewed as an investigation of the traces that the business leaves instead of self-reporting fillings and press releases.

There are many benefits to expanding analytical scope with this type of data, namely:

- better timing we see the relevant event for the business immediately or with a short lag and don't have to rely on companies' official statements
- objectivity alternative data is more robust to potential misreporting or fraud because of its externality to company nature and opportunity to cross-validate a few sources
- scope financial reports are written by the rules and often disclose only details requested by the corresponding standard. The scope
 of alternative data is limited only by a willingness to look for the data because the number of traces each company leaves during its
 business is sufficient to obtain a decent understanding of its intangible assets.

The classical approach to valuation relies a lot on financial reports and uses them as a background to build future predictions. However, for private companies, these reports are usually unavailable unless the company is willing to disclose them, which is quite rare, and even in that case, the level of reliability and details can be lower than the one for a public company which has to meet the IFRS, US GAAP or another set of standards.

Our approach is based on two observations:

- when the company of interest is a research-based company which sells (or is going to sell) technology, formulas, and molecules, its future cash flows and therefore value weakly depend on financial numbers of the last quarter or year, but depends on their intangible assets such as intellectual property, experience of employees, projects in progress, etc. As well as its competitive environment.
- if the most relevant data is the data described above, there is really not so much difference between the public and private research-based companies, and the valuation of private companies can be approximated without particular knowledge of all of existing financial details

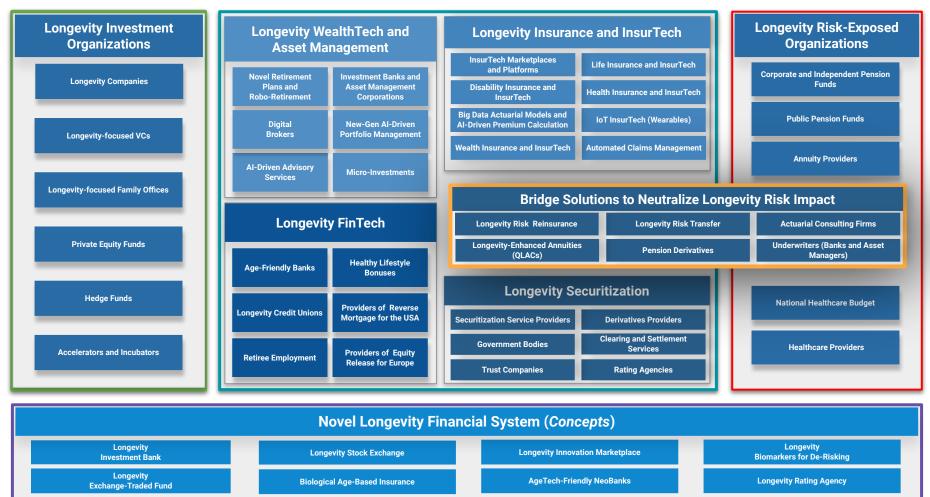
Luckily, alternative data is available in various open sources. We carefully collect relevant metrics for each DeepTech industry and thoroughly analyse them using public equity and its market price as a reference. Our model is based on more than 150 metrics covering patents, publications, team competence, etc.

Looking at the market pricing of public equity, we are able to determine the key metrics affecting value and use them to find market inefficiencies and thus price private companies with a similar business structure.

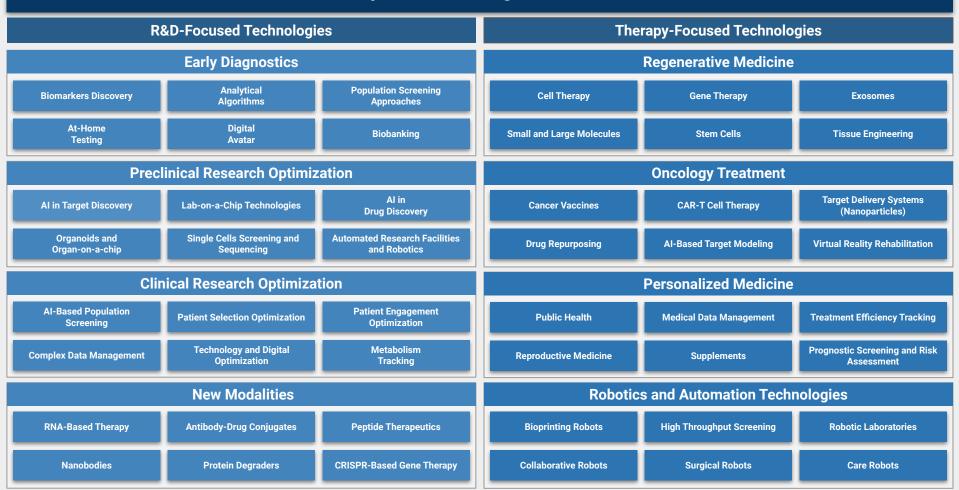
Clustering machine learning algorithms help us to define the proper peer group for each company, get a view of the market structure and competition.

All listed above allow us to value a large number of private and public companies and get a broader and deeper view of their business. We are constantly monitoring new data becoming available and incorporating it into the valuation models.

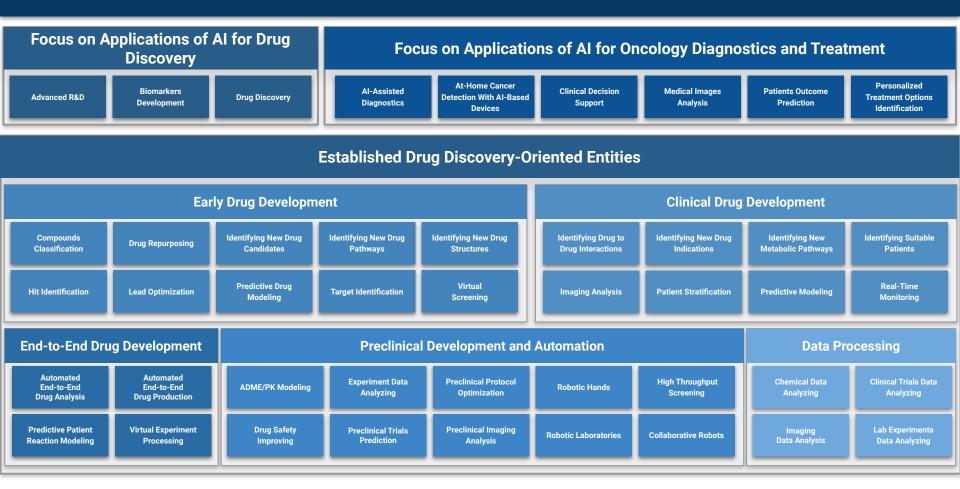
Longevity Financial Industry Framework

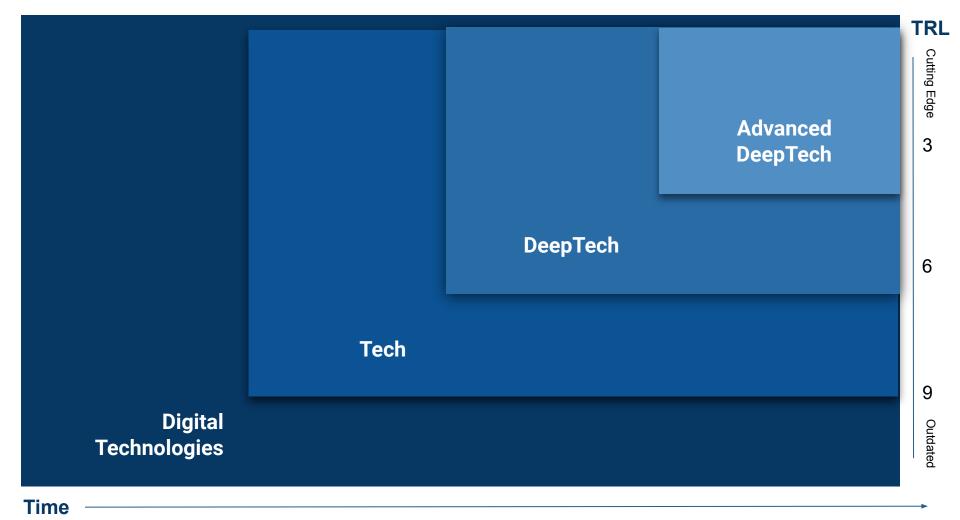


Disruptive Technologies in Pharma



AI in Drug Development





Digital Technologies

| Te | oh | Drones Development | Seed Technologies | Waste Management |
|---------------------|-----------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| Tech | | Geopositioning Technologies | Business Development Technologies | Avionics and Flight Vehicles |
| Electrical Vehicles | Telecommunication Technologies | Chemicals and Chemical Synthesis | Optical Manufacturing | Automation Technologies |

Tech

| Doon | Tooh | EdTech | RegTech | LegalTech |
|------------|-----------------------------|-------------|-------------|----------------------------------|
| DeepTech | | AgTech | 3D Printing | Machine Learning and Big Data |
| HealthTech | Renewable Energy Systems | GIS Systems | Blockchain | GovTech |

Advanced DeepTech

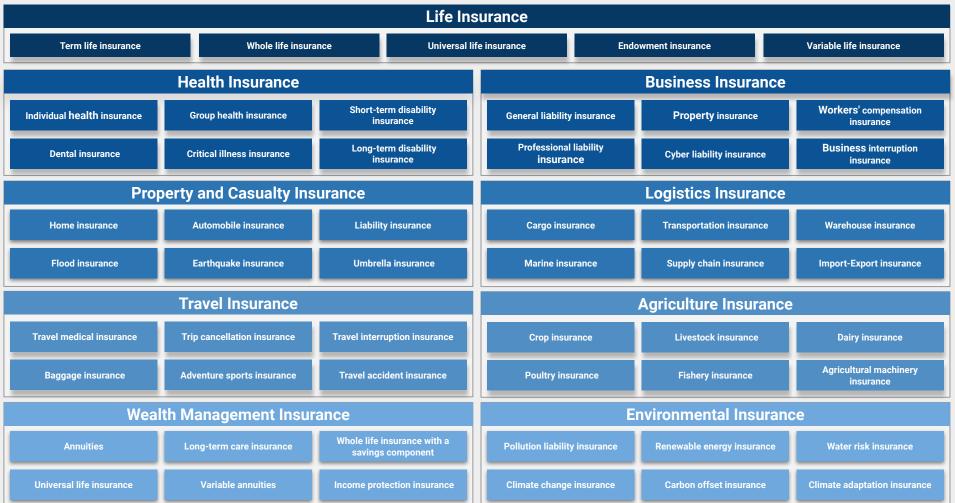
| Longevity and HealthTech | Deep Learning Al Systems | Internet of Things |
|-----------------------------|-----------------------------|---|
| Pharma and BioTech | Advanced 3D Printing | Robotics |
| Smart Cities | SpaceTech | Advanced Renewable Energy Systems |

Advanced DeepTech

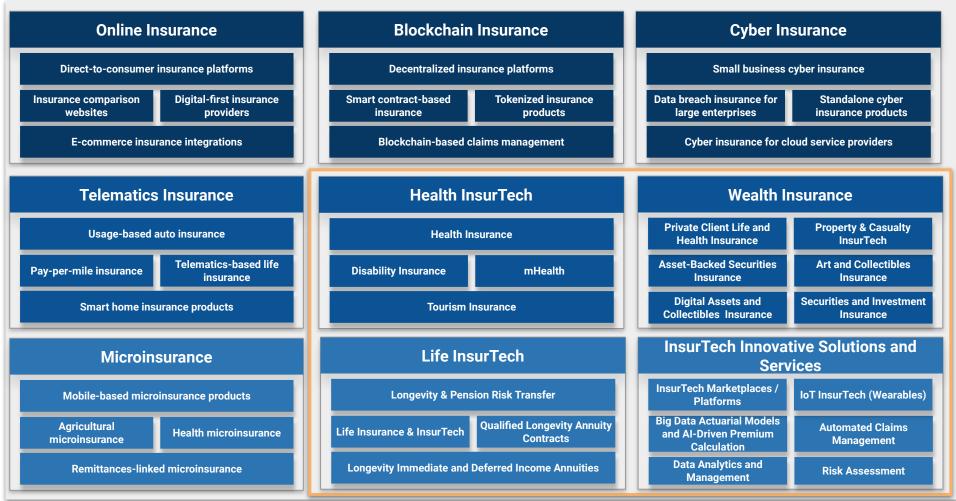
| Advanced Artificial Intelligence Systems | Intelligence Technologies | | Atomically Precision Manufacturing | |
|--|---------------------------|-----------------------------------|---------------------------------------|--|
| Advanced Longevity HealthTech | Advanced Smart Cities | PharmTech and Advanced BioTech | Energy 2.0 | |
| | anced eTech | Nan | oTech | |

| Longevity | Longevity Medicine | | y Finance | Longevity Science | |
|---------------------------------------|--|-----------------------------|--|--|--|
| Personalized Diagnostics | Preventive Procedures and Therapies | Longevity Index Fund | Longevity Hedge Fund | Rejuvenation Biotechnology | Biomarkers of Ageing and Biological Age |
| Age-Associated Diseases Management | Personalized <i>in vivo</i> and i <i>n silico</i> Drug Testing | Longevity Stock Exchange | AgeTech Bank | Scientific and Clinical Data Management | Fundamental Research on Biology of Ageing |
| Therapy Efficiency Monitoring | Telemedicine and AI in Clinical Practice | Longevity Derivatives | Longevity Investment Bank | Preclinical Studies | AI and ML Research Innovations |
| Age | Tech | Longevity | Governance | Longevi | ty Ethics |
| Elderly Life Management Tech | Cognitive Enhancement | Pension Plans | Longevity Development Strategies | Ageism Mitigation | Healthcare as a Basic Human Right |
| Smart Homes | Age-Friendly Services and Apps | National Insurance | National Healthcare Budgets | Logistical Effects of Longevity | Civil Participation in Decision-Making |
| Family Coordination Approaches | Entertainment for the Older Adults | Age-Friendly Cities | Longevity-Progressive Nation-States | Social Inclusivity | Age-Friendly Environment |

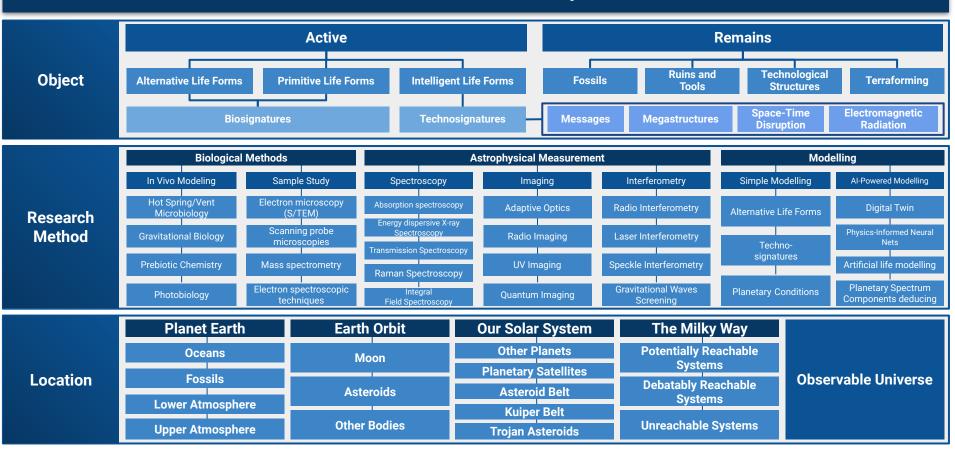
Insurance Framework



InsurTech Framework

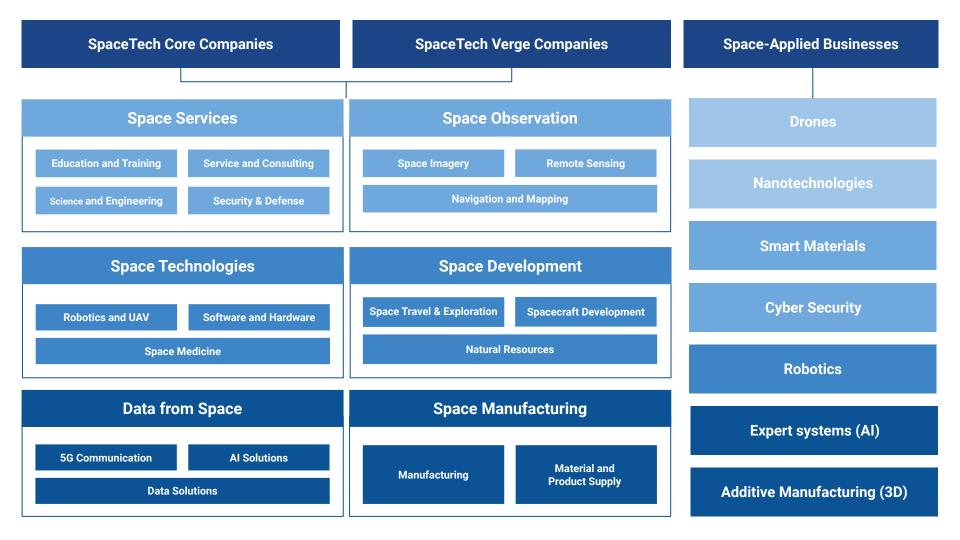


Extraterrestrial Activity



Longevity Governance Industry Players

| Governmental | | Non-Governmental | | |
|--------------------------------------|---|--------------------------------------|--|--|
| Policy Makers | National Initiatives | Universities and Academia | Charity Funds | |
| Research Institutes | Healthcare Systems | Individual Influencers and Investors | Activist Movements Monitoring Centres | |
| Non-departmental Organisations | Products and Services | | | |
| Intergovernmental Organisations | Pension Funds | Non-Profitable Communities | | |
| Legal | | Medical | | |
| Policies | National Master Plans | Healthcare Systems | Research Initiatives | |
| Municipal Government Plans | Industrial Strategies | Medicine Programmes | Development Programmes | |
| Economical | | Social | | |
| Pension systems | Healthcare and Research Expenditures | Public Education | Organisational Agendas | |
| Economic Wellbeing of the Country | Elderly Funds | Basic Sanitation Facilities | Life Expectancy and HALE | |



| Philar | nthropy | Venture Philanthropy | | Social Profit I | Social Profit Philanthropy | |
|--|---------------------------------------|--|-------------------------------|------------------------------------|---|---------|
| Charities | Non-Profits and NGOs | Social Investment Companies (SI) | | Socially Responsible Businesses | Companies Allocating % to Charity | |
| Grant-invested | Grant-invested and Trading Revenue | Social Enterprises Generating Revenue | Socially-Driven Businesses | Sustainable Development | | |
| Sustainable Development | | Investment Platforms | | Nature & Climate Protection | | |
| | Protection | Value B | anking | | | |
| Community Development Environment and Ecology | | Social Stock Exchanges | | Education, Culture, and Sport | | |
| Health | | Advisory | | Humanitarian Aid | | |
| | pitals | Social Investm | nent Advisers | | | |
| Community Health Care Family Welfare Disability Care | | Funding Consultancies Legal Services | | Funding Consultancies | | ervices |
| Human | Services | Investment Funds | | Healthcare & Support | | |
| Arts and Culture Humanitarian Aid | | Venture Philanthropy Funds | | | | |
| Educational and Consulting | | Social Investment Funds | | Financial Inclusion | | |

5th Industrial Revolution

MetaTechnologies

- Neurotech
- Digitization
- ML-driven technologies
- AI-backed Technologies DL
- IoT Connectivity Technologies

DeepTech

- Security
- Reg Tech
- HealthTech
- Bioinformatics
- GeoEngineering

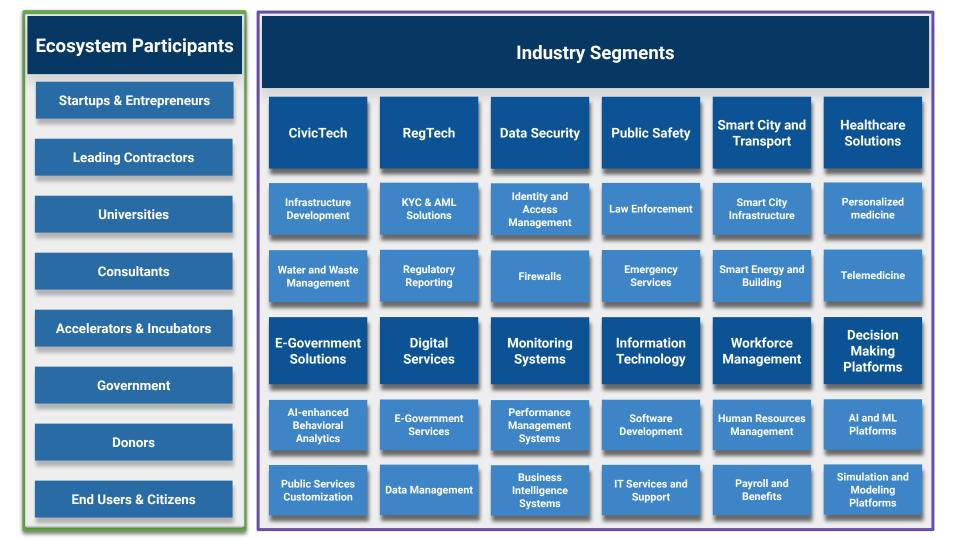
- IoT
- SpaceTech
- FinTech 2.0
- New Materials
- Space Medicine

PoliTech & SocieTech

- GovTech
- EduTech
- GeoPolitics
- Technocracy
- Societal Psychology

Financial Systems & Economies

- InvestTech
- Innovation Economics
- Novel Financial System
- Innovation Marketplaces
- DeepTech-Tied Financial Derivatives



NeuroTech Framework

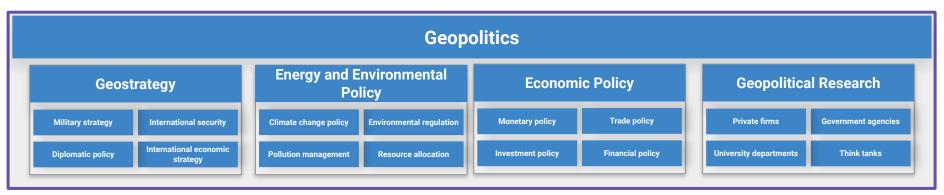
| By Technology Type | | | | |
|---|----------------------------|------------------------------------|--|--|
| Hardware Systems and Devices | Artificial Neural Networks | Research and Clinical Technologies | | |
| Neurorobotics | Brain-reading | Viral Neuronal Tracing | Cerebral Organoid | |
| Neuroprosthetics | Synthetic Telepathy | Neuromonitoring | Mesoscale connectomics | |
| Brain-targeted Drug Nanocarriers | Deep Brain Stimulation | Neuromodulation | Neuroenhancement | |
| Brain-Computer Interface | Whole Brain Emulation | Neurotransmitter Detection | Cluster Imaging of Multi-brain Networks | |
| Neuromorphic and Neurohybrid Systems | Brain-Like Intelligence | Optogenetics | Neuronal Positioning System | |
| By End-Users | | | | |
| Individual | Community | Business | Government | |
| Mental Health | Healthcare | Workplace | Security Systems | |
| Rehabilitation | Electronics | Management | Government Regulation | |
| Smart Environments | Bioengineering | Marketing | Military or National Security | |
| Wellness | Robotics | Consumer Applications | Jurisdiction | |
| Lifestyle Computing | SpaceTech | Gaming Industry | Education | |

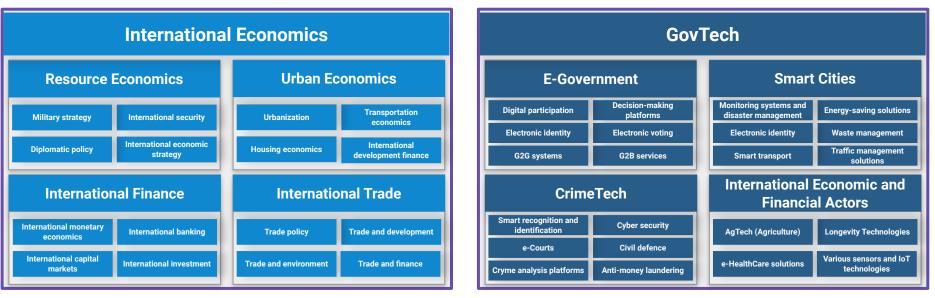
| FemTech Investors | FemTech C | FemTech Hubs & Communities | | |
|---|--|---------------------------------------|--|--|
| Venture Capital Funds | Reproductive Health & Contraception | General Healthcare | Partnership and Networking | |
| Accelerators and Incubators | Pregnancy & Nursing | Pregnancy & Nursing Women's Longevity | | |
| Angel Groups | Menstrual Health | Mental Health | Events, Media and Marketing | |
| | Pelvic & Uterine Healthcare | Sexual Health | | |
| Family Investment Offices | Menopause Care | Women's Wellness | FemTech R&D Centers and Labs | |
| Private Equity Firms | Product Types Across Subsectors | | Clinical and Scientific Medical Centers | |
| Government Offices & University Programs | Diagnostics | Telehealth | | |
| | Devices (Wearables, Hardware, etc.) | Drugs, Vitamins & Supplements | Research, Policy and Education Institutions | |
| Investment Banks | Services | Apps / Software | R&D of Innovative Products and Services | |
| | Consumer Products | Digital Platform | | |

Components of the Longevity Corporate Strategy

| Business Strategy | Market Superiority | Governance | Ownership | Leadership | Innovation |
|----------------------|-------------------------|--------------------|--------------------------|---------------------------|---------------------|
| SWOT Analysis | Demographic Analysis | Data and Analytics | Regulatory and Policy | Branding and Marketing | Vision and Mission |
| Distribution and | Market | Risk Management | Business Model | Partnership and | Research and |
| Sales | Segmentation | | Innovation | Collaboration | Development |
| Competitive | Market Analysis | Employee | Monitoring and | Corporate Social | Product and Service |
| Analysis | | Development | Evaluation | Responsibility | Innovation |

Geoeconomics Framework - Geoeconomics Industry

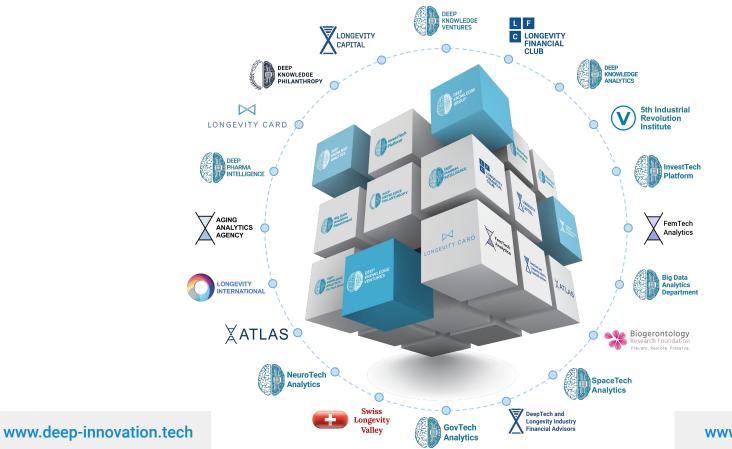




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