Longevity Finance
Big Data Analytics Dashboard

Overview

January 2023

DEEP KNOWLEDGE GROUP

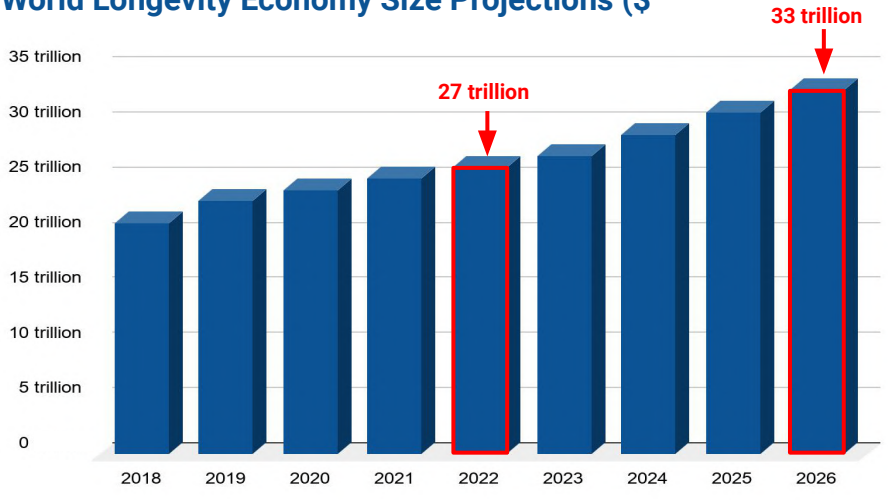
Longevity Finance Analytics

About Longevity Finance Big Data Analytics Dashboard

Developed by Deep Knowledge Group (DKG), the Longevity Finance Analytics Dashboard is a **licensed white-label solution** designed for financial corporations (e.g. banks, pension funds, asset management firms, and insurance companies) looking to adjust their business models to longevity-focused banking and **tap into the multi-trillion market of 1 billion people** in retirement.

The project aims to provide **tangible, data-driven, fast, comprehensive, and inexpensive SWOT analysis, customized practical recommendations, benchmarking, forecasting, and guidance** needed to transform financial institutions for longevity-related challenges in the future.

World Longevity Economy Size Projections ($



The analytics provided herein can help deliver value to financial institutions and adjust their business models to longevity-related challenges in the future

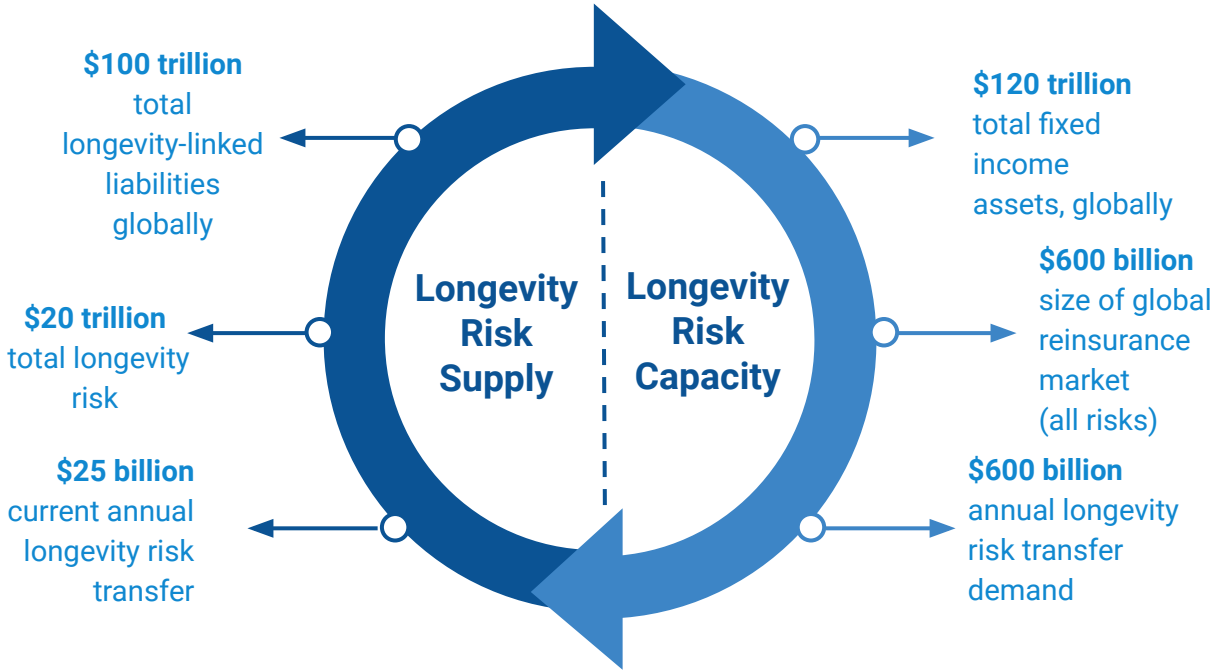
Financial Institutions (e.g. Banks, Pension Funds, Asset Management Firms, and Insurance Companies)

- SWOT analysis of the most promising entities and technologies;
- Real-time monitoring of the developments in the longevity financial industry;
- Benchmarking of the most market-ready longevity finance technologies;
- Due diligence of the emerging technologies' strengths;
- Forecasting of opportunities.

Macro Trends on Longevity Risk Market

Globally, pension funds hold a massive volume of longevity risk from retirement obligations. Fortunately, a more developed value chain is already emerging for transferring longevity risk from traditional holders of such risk, public and private pension funds, to a broader set of risk takers, including the capital markets.

- **Pensions risk transfer market sees significant growth in recent years** USA pension risk market alone, involving predominantly the operations of pension buy-ins and buy-outs and longevity swaps, had a record-breaking year in 2021, with an estimated total volume of between $38 billion and $40 billion.
- **Longevity risk is very capital intensive**, and, therefore, the amount of longevity-related liabilities that can be transferred is restricted by the quantity of capital currently dedicated by the existing risk-taker universe.
- **Q1 2022 demonstrated record volume of pension risk operations:** in the USA alone it reached $5.4 billion.



Why Financial Institutions Need to Monitor Trends in Longevity

An increased interest in longevity has led to the emergence of **new asset management firms** offering **AI- and big data-based** advice, as well as **micro-investment platforms and trading solutions based on social networks.** By designing new solutions and adapting existing products and services to the longevity future, financial services innovators can now greatly improve the financial situation of individuals.

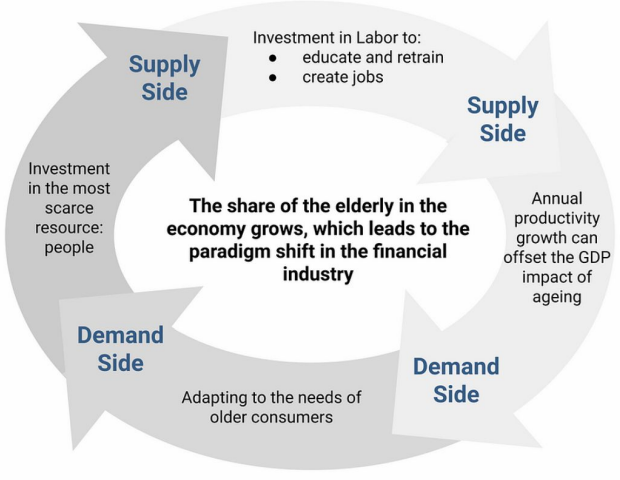
Longevity Banks will rely on a number of data-based and predictive models allowing them to determine who is likely to live "longer than expected" and how to serve their financial needs best.

There is a **$750bn+ opportunity** in pension buyout schemes for insurers. Also, **Insurance and reinsurance companies** will be able to provide risk transfer mechanisms for financial institutions (mostly pension funds).

Although increased lifespan poses a **major threat to pension funds, some of them may still be able to turn a profit.** Only pension funds and insurance companies whose business models will take into account the longevity factor will not go under. Therefore, they **should focus on managing longevity-related risks.**

Mortality risk can be used to hedge longevity risk, thus providing insurers with a highly effective way of using insurance subsidiary capital. **AMCs, banks, insurers, reinsurers, banks, and pension funds are poised to benefit from longevity, as long as they can adapt to the upcoming changes.**

Longevity Offers Opportunities Only to Those Who Can Adapt



"Giving provides retirees with added purpose. They are generous with their time, experience, and money. Their collective financial and volunteering contributions over the next twenty years are projected to create an $8 trillion "Longevity Bonus" for the nation."

~ Bank of America Merrill Lynch Study.

Longevity Finance Big Data Analytics Dashboard Interface



Parameters of Longevity Finance Big Data Analytics Dashboard



Longevity Financial Industry Framework

Longevity Investment Organizations

- Longevity Companies
- Longevity-focused VCs
- Longevity-focused Family Offices
- Private Equity Funds
- Hedge-Funds
- Accelerators and Incubators

Longevity WealthTech and Asset Management

- Novel Retirement Plans and Robo-Retirement
- Investment Banks and Asset Management Corporations
- Digital Brokers
- New-Gen AI-Driven Portfolio Management
- AI-Driven Advisory Services
- Micro-Investments

Longevity FinTech

- Age-Friendly Banks
- Healthy Lifestyle Bonuses
- Longevity Credit Unions
- Providers of Reverse Mortgage for the USA
- Retiree Employment
- Providers of Equity Release for Europe

Longevity Insurance and InsurTech

- InsurTech Marketplaces / Platforms
- Life Insurance & InsurTech
- Disability Insurance & InsurTech
- Health Insurance & InsurTech
- Big Data Actuarial Models and AI-Driven Premium Calculation
- Property and Casualty Insurance
- General Commercial Insurance
- Cyber Risk Insurance

Bridge Solutions to Neutralize Longevity Risk Impact

- Longevity Risk Reinsurance
- Longevity Risk Transfer
- Actuarial Consulting Firms
- Longevity-Enhanced Annuities (QLACs)
- Pension Derivatives
- Underwriters (Banks and Asset Managers)

Longevity Securitization

- Securitization Service Providers
- Derivatives Providers
- Government Bodies
- Clearing and Settlement Services
- Trust Companies
- Rating Agencies

Longevity Risk Exposed Organizations

- Corporate and Independent Pension Funds
- Public Pension Funds
- Annuity Providers
- National Healthcare Budget
- Healthcare Providers

Novel Longevity Financial System (*Concepts*)

- Longevity Investment Bank
- Longevity Stock Exchange
- Longevity Innovation Marketplace
- Longevity Biomarkers for De-Risking
- Longevity Exchange-Traded Fund
- Biological Age Based Insurance
- AgeTech-Friendly NeoBanks
- Longevity Rating Agency

Longevity Industry: Multi-trillion Dollar Opportunity

Longevity, AgeTech & WealthTech Market

Globally
1 Billion in Retirement

In the UK
10 Million in Retirement

"The one billion retired people globally are a multi-trillion dollar opportunity for business"

~ Dmitry Kaminskiy, interview in the Financial Times

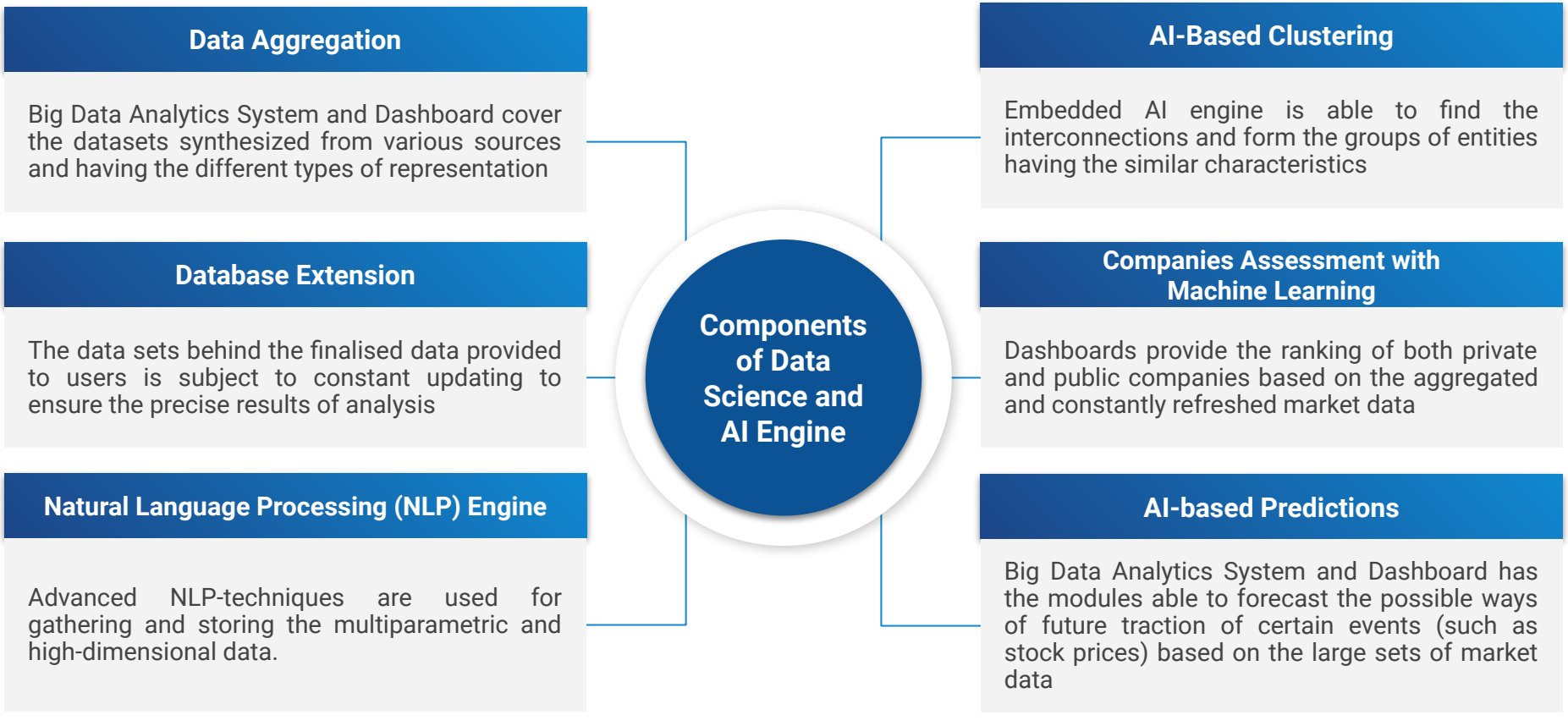
FT FINANCIAL TIMES

"The global spending power of those aged 60 and over will reach $15 trillion annually by 2020"

~ Bank of America Merrill Lynch

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Major Components of Data Science and AI Engine Architecture



Big Data Analytics Dashboard

Dashboard Overview

Deep Knowledge Group is working on a sophisticated cloud-based engine, using which our clients will be able to get advanced market and business intelligence in a variety of longevity finance sectors. It includes a data mining engine, an infrastructure for expert data curation, and advanced visualization dashboards, including mindmaps, knowledge graphs, and 3D visualizations.

Matching tool	Machine learning for database extrapolation	Dynamic SWOT analysis representing evolution of a financial institution
Financial institutions database	Machine learning and deep neural networks for institutions clusterization	Interactive industry mindmaps
Investors database	Machine learning for financial indicators predictions	Real-time financial data analytics platform for financial corporations
Deep SWOT analysis	Interactive AI-based scenario analysis and financial planning	Longevity financial instruments analytics

Commercial Value

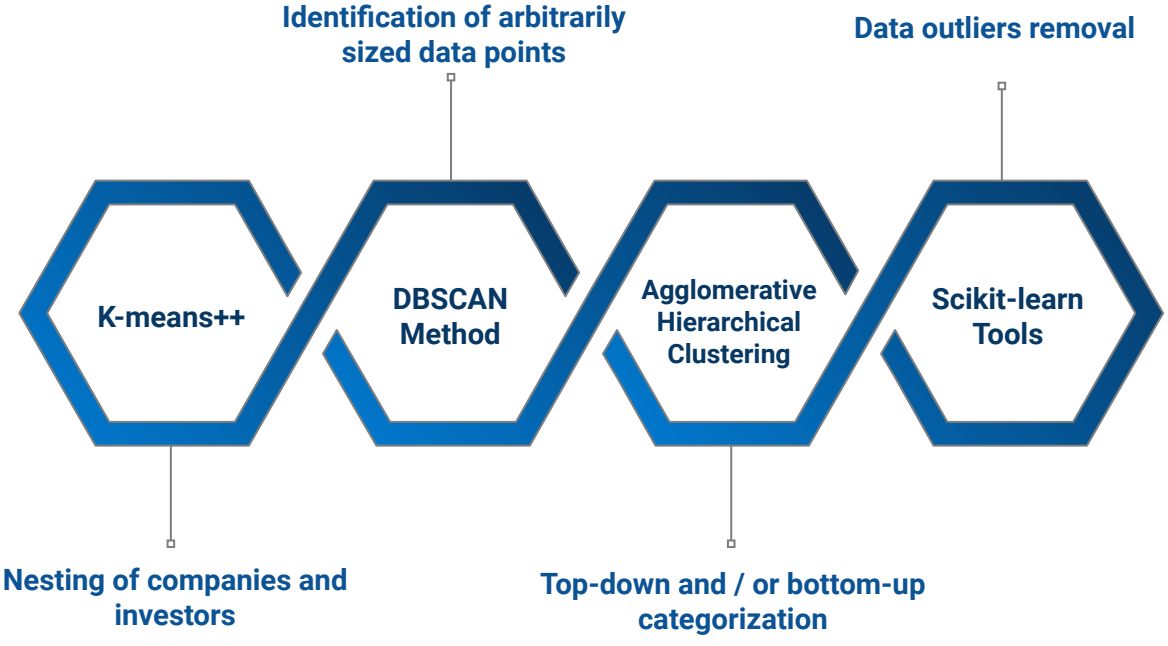
- Data-driven insights into emerging areas in the longevity fintech, agetech, and wealthtech industries;
- Investment advisory and actionable insights into primary and secondary markets;
- SWOT analysis of the most promising entities and technologies, as well as opportunities and risks;
- Identification of growth opportunities, including partnerships, deals, financial instruments, and investment prospects;
- Competitive intelligence, business due diligence, and more.

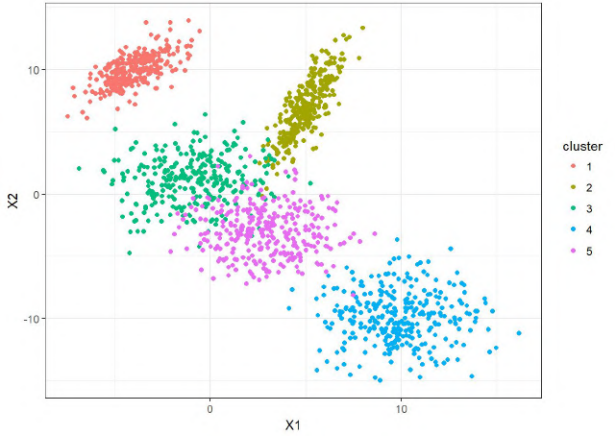
Who Can Benefit?

- Financial institutions (banks, asset management firms, insurance companies, reinsurance companies, pension funds);
- Private and public companies related to the longevity industry;
- Research and analytics institutions;
- State agencies;
- Startup hubs, accelerators;
- Consulting companies and agencies.

Machine Learning Engine: AI-Based Clustering

Taking into account the structural complexity of the Longevity Industry, it becomes challenging to analyze data gathered through the analysis of the companies, both public and private. In order to effectively overcome such obstacles, Deep Knowledge Group uses different types of AI-based clustering algorithms for data aggregated from different dashboards and other sources.



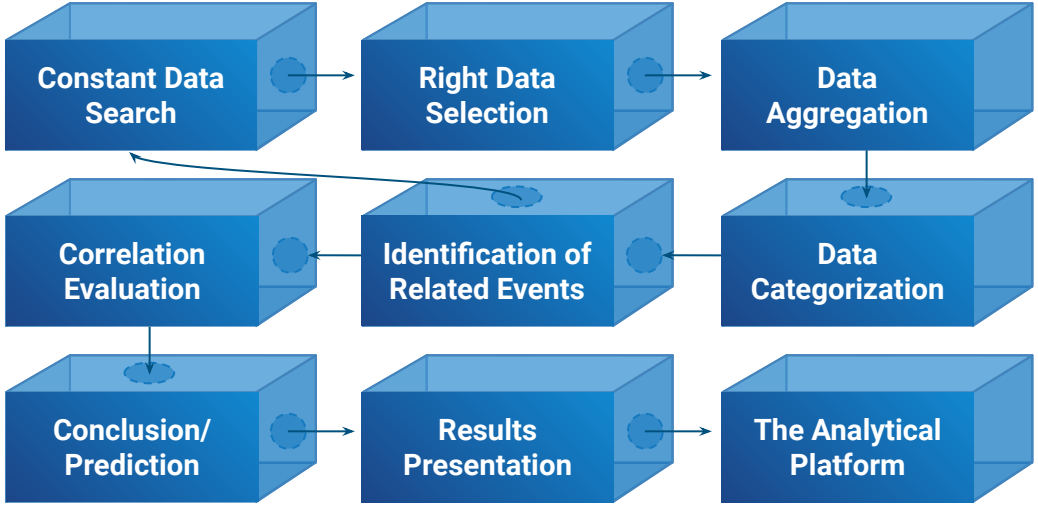


Big Data Analytics Dashboards feature extensive databases with in some cases millions of data points. AI-based Clustering Methods ensure high-level nesting and identification of inner correlations across the objects of the analysis distributed between different dashboards.

Natural Language Processing (NLP) Engine

Natural Language Processing will play one of the most important roles in the technology pipeline of the platform. Such approaches are able to give the right means for working with mixed data types, as well as process large amount of data in an automated way. Given the pain points the platform is designed to alleviate, this machine learning approach is going to provide a substantial technological support to the platform performance.

Dashboards' NLP Working Scheme

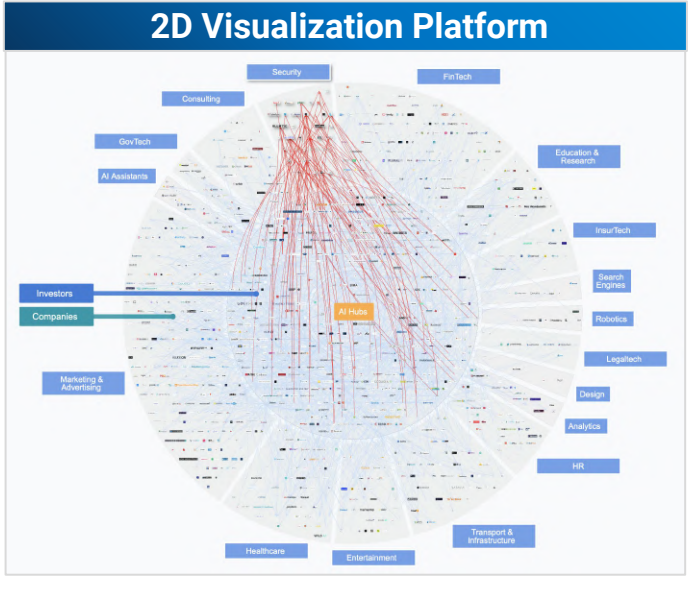


Main Applications for Dashboards	
Data Aggregation	Search and extraction of "marked" information
Data Classification and Sorting	Processing and distribution of extracted information
Data Update	Constant updating of information and search for "similar" events
Search for Correlation	Calculation of correlation between "events"
Prediction	Computing of a correlation-based prediction

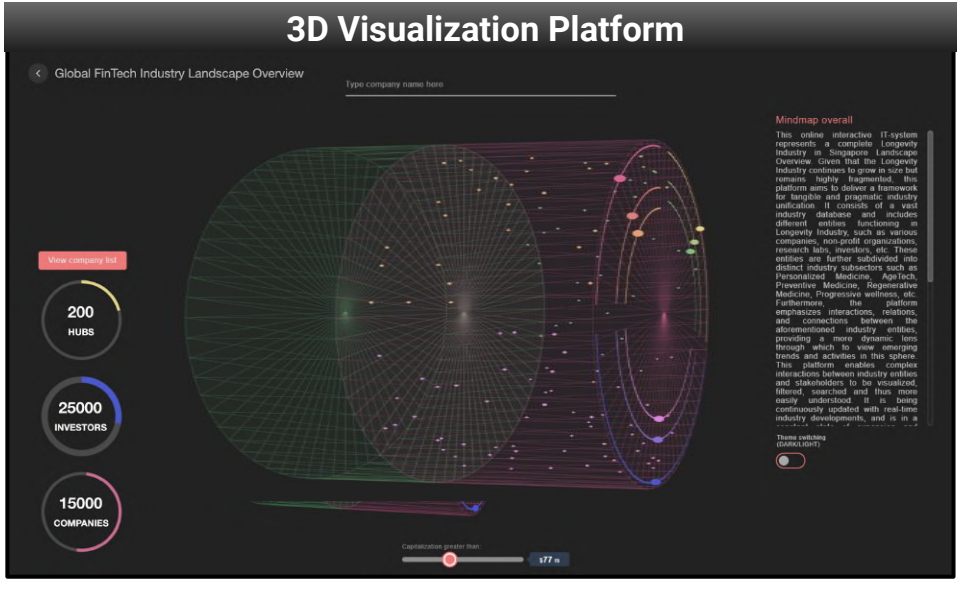
Real-Time Monitoring of the Longevity Financial Industry

By combining Deep Knowledge Analytics' robust data modeling, visualization, and interactivity with Deep Knowledge Group's unparalleled market expertise, sophisticated multi-dimensional analytical frameworks and algorithmic methods, the Longevity Finance Dashboard can deliver sophisticated market intelligence, make pragmatic forecasting, and do industry benchmarking. To achieve this, it uses multiple specially-designed and specifically-weighted metrics and parameters. By reporting and monitoring developments in the technological and industrial ecosystems of the Longevity Financial Industry, it ensures that the collected data is accurate, up-to-date and available 24/7. Using state-of-the-art data analytics and 3D visualization tools, the Dashboard analyzes market insights, trends, and statistics to quickly and efficiently extract the necessary information and provide actionable answers.

2D Visualization Platform



3D Visualization Platform



Benchmarking the Most Market-Ready Longevity Finance Technologies

Trends in longevity stimulate the emergence of new financial technologies. And this, in turn, results in **the emergence of a new generation of fintech companies offering advice based on AI and big data.** These include:

- **AI-advisors** - automated services that use machine-learning algorithms to provide users with advice based on the most profitable investment options, yield targets, user's risk aversion profile, and other variables.
- **Robo-retirement** - another version of AI-advisors that is especially popular in the US. Companies in this category specialize in managing retirement savings.
- **Digital brokers** - online platforms and software tools that make it possible for anyone easily obtain stock market information and make investments.
- **Financial products** designed for investors expecting to live 100 years and beyond.

In the near future, we expect to see a groundbreaking synergy between IT, AI, and traditional banking services designed for and adapted to retirees and seniors. Hopefully, this will lead to the creation of **AgeTech-Longevity banking technology** that will simplify access to banking services, make banks more senior-friendly, and help establish trust and financial security among older customers.

Using its unique experience in the Longevity Financial Industry, Deep Knowledge Group seeks to make projections and benchmark technologies. We also aim to provide practical recommendations to commercial clients on how they can aggregate, develop, and deploy the most sophisticated longevity-related financial products and services to meet the needs of the Silver Generation.

Benchmarking the best market-ready Longevity Banking and FinTech/AgeTech/WealthTech Products and Services

Developing a master plan for adoption of such technologies in your organization, as well as for specific use cases or business processes

Analyzing and assessing options and risks related to early adoption of certain technologies for the purpose of gaining a competitive advantage in the future

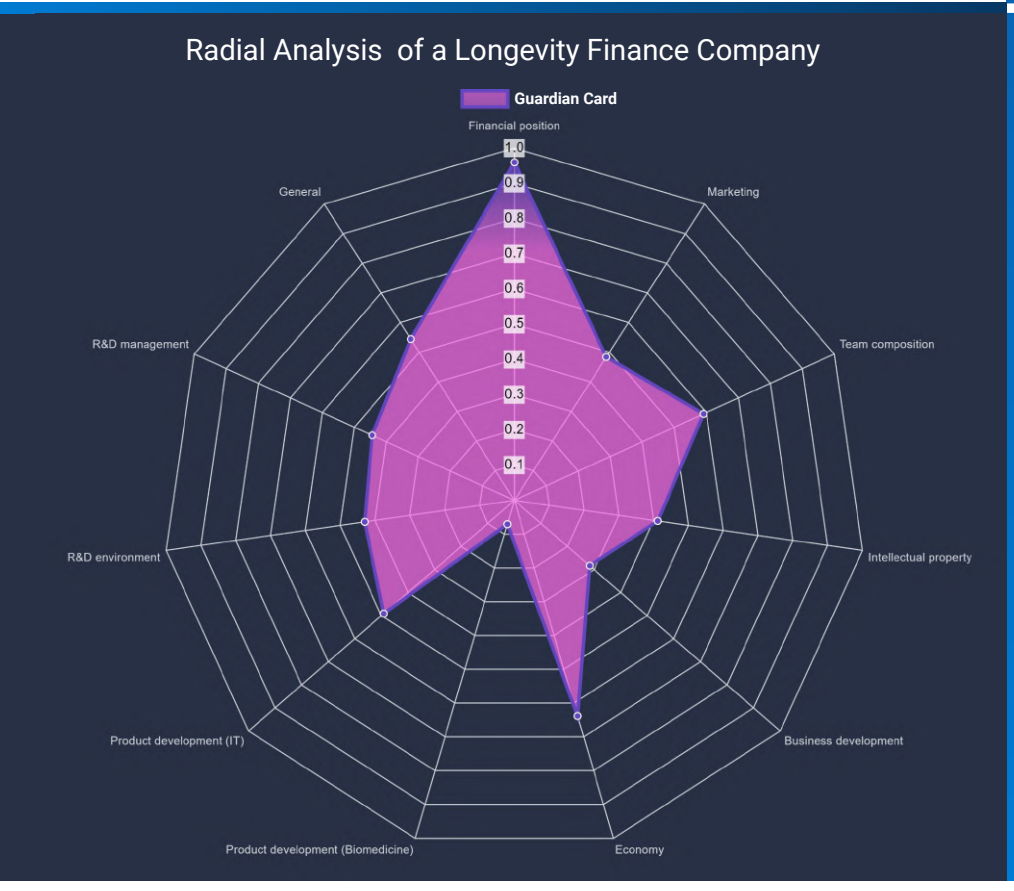


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Major Features of Big Data Analytics System and Dashboards' Tools

www.dkv.global

Automized SWOT Analysis



Our Approach

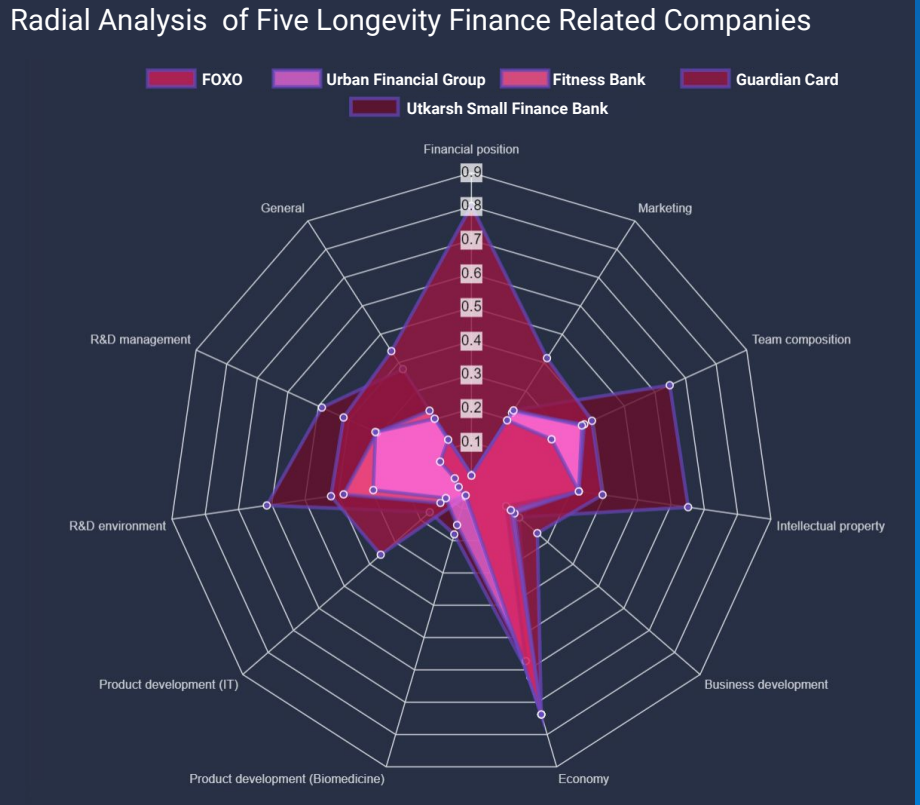
The tool is developed to visualize the overall ranking of an individual company

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

Gather → **Define** → **Analyse** → **Apply**

- Structured data
- Unstructured data
- Mixed data
- Alternative data
- Cutting-edge Natural Language Processing algorithms
- Cross-validation made by experts
- Industry-adjusted, as well as gross average constants

Automated Comparative Analysis

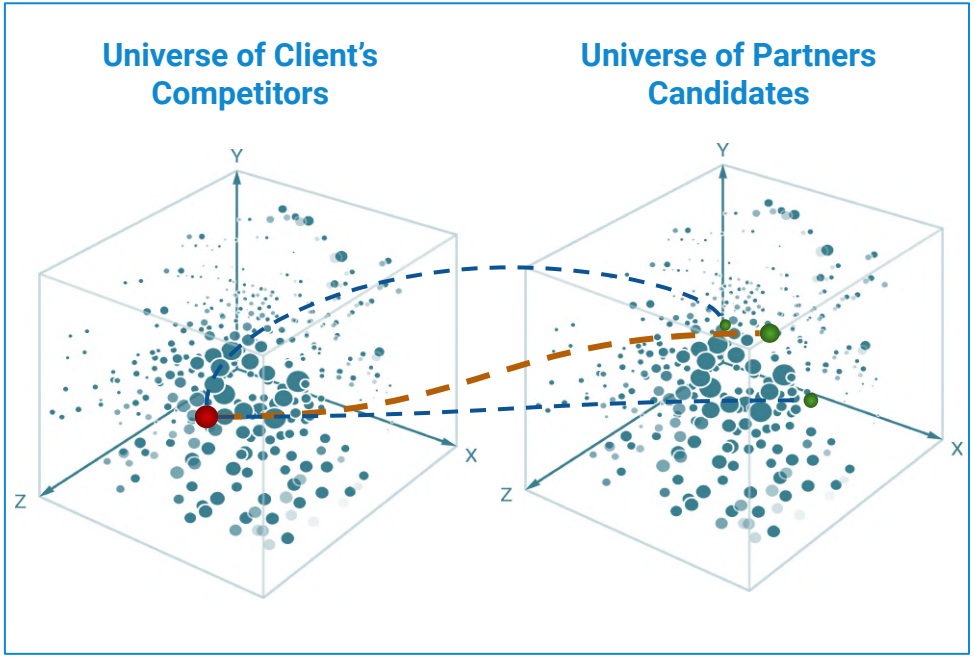


Key Features

The tool is developed to compare a few selected companies by several hundred parameters

- Unlimited number of compared companies
- Entities from all industries and markets
- On-demand analytics and due diligence for one or multiple companies
- Comparison of hundreds of parameters in a matter of seconds

Longevity B2B AI-driven Matching Tool

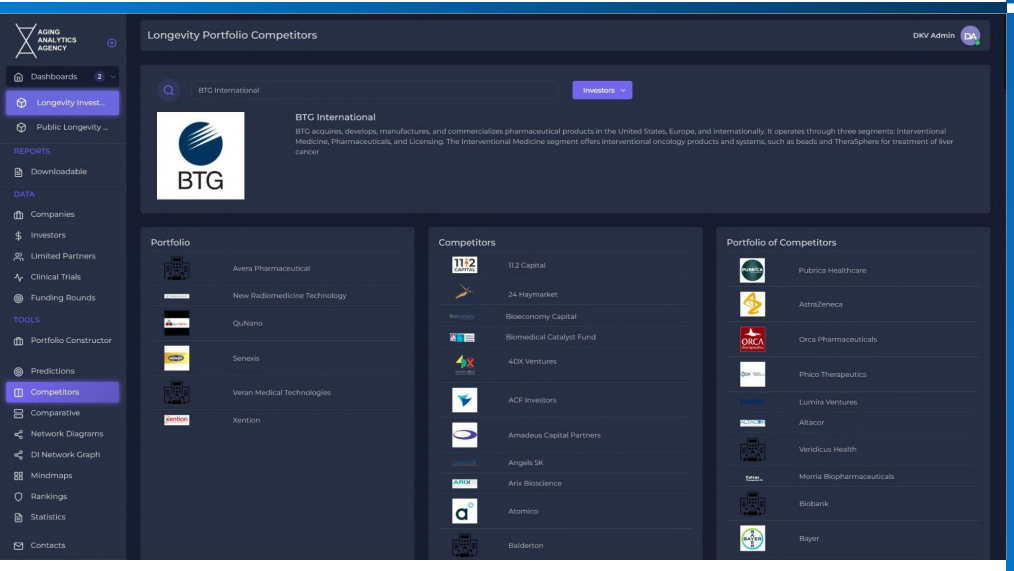


Key Features

B2B Matching tools allows finding B2B partners for a given entity to meet the business needs (legal, financial services, marketing etc).

- 5 areas of cooperation analyzed
- Constantly updated database of entities and labels
- Best matches and recommendation based on AI algorithms
- Integration with Automated Investor Relationship Management (IRM) System*

Matching Tool for Financial Corporations



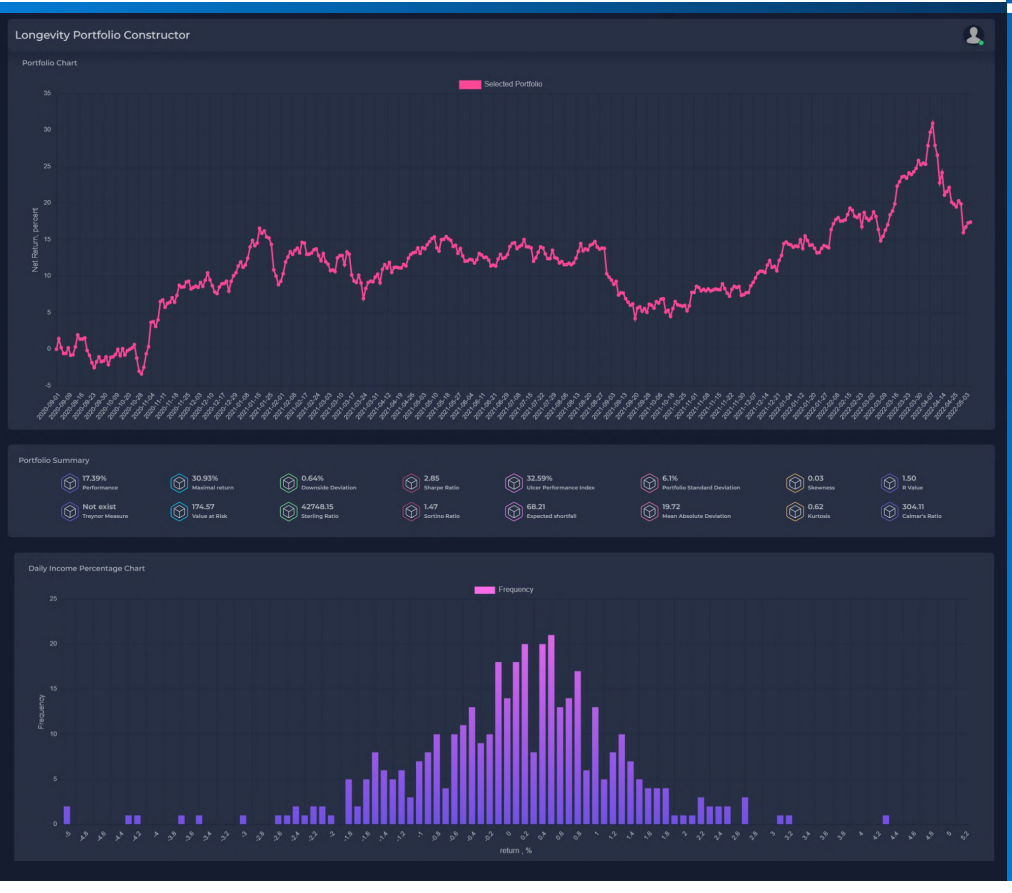
- Matching tool allows financial corporations to find longevity finance startup for the longevity risk management and other needs.
- Companies can leverage this tool for expansion of their partner universe, looking for corporations who are interested in the similar companies.

Key Features

- Multiparametric comparison
- ML-based approach, enabling high recommendation precision
- Constantly updated database of entities and labels
- Integration with Automated Investor Relationship Management (IRM) System*

*Under development**

Financial Portfolio Constructor



Key Features

- 16 performance parameters
- 6 predefined ways to optimize your portfolio, along with custom weights
- 3000+ Longevity and BioTech public companies
- 2000+ DeepTech public companies

Public Companies’ Stock Price Forecasting

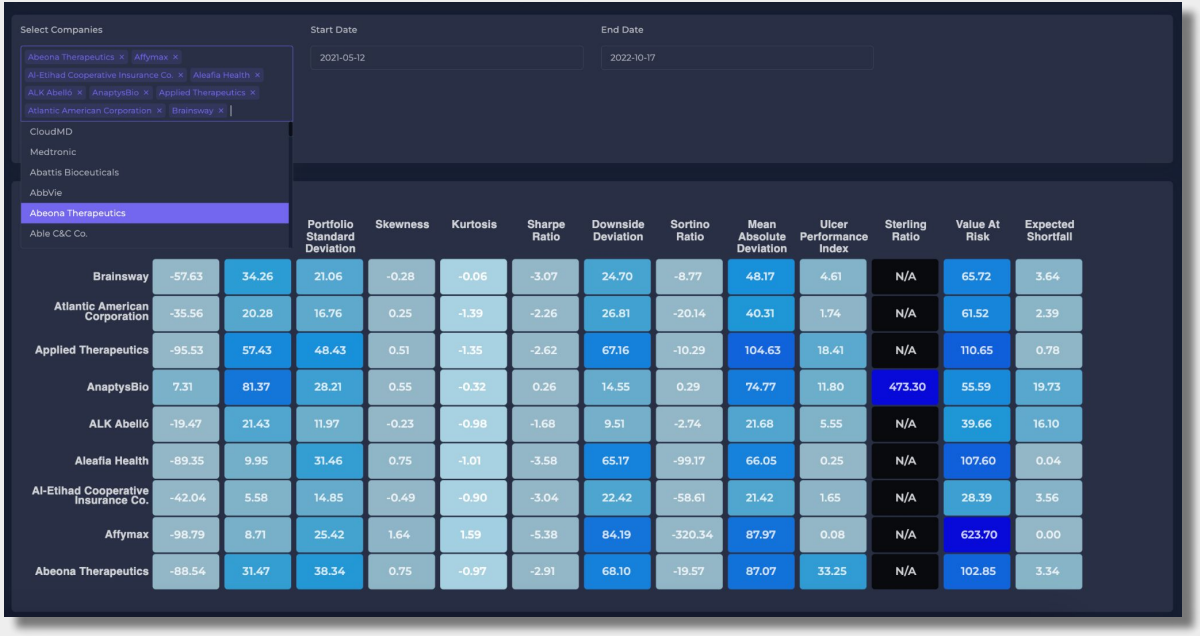


Key Features

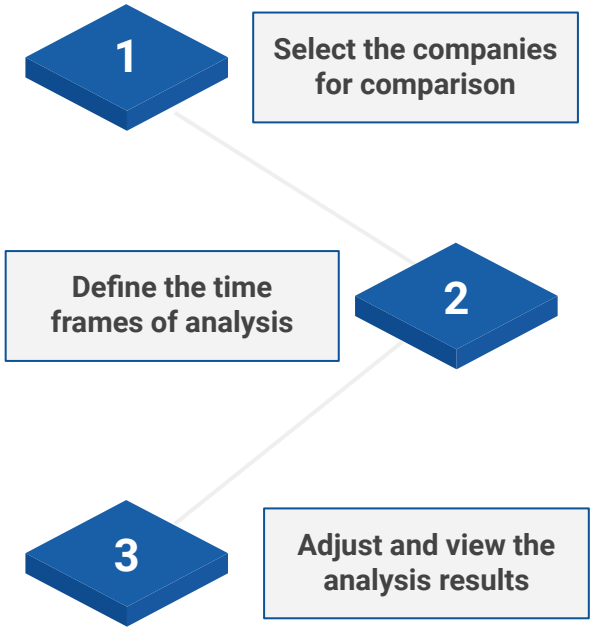
- 4 Prediction types:
  - Wiener-based
  - Adjusted GBM*
  - Prophet Model
  - LSTM
- Unlimited number of compared companies
- 8 Performance Parameters
- 5000+ Public companies

Public Companies Heatmap Analysis

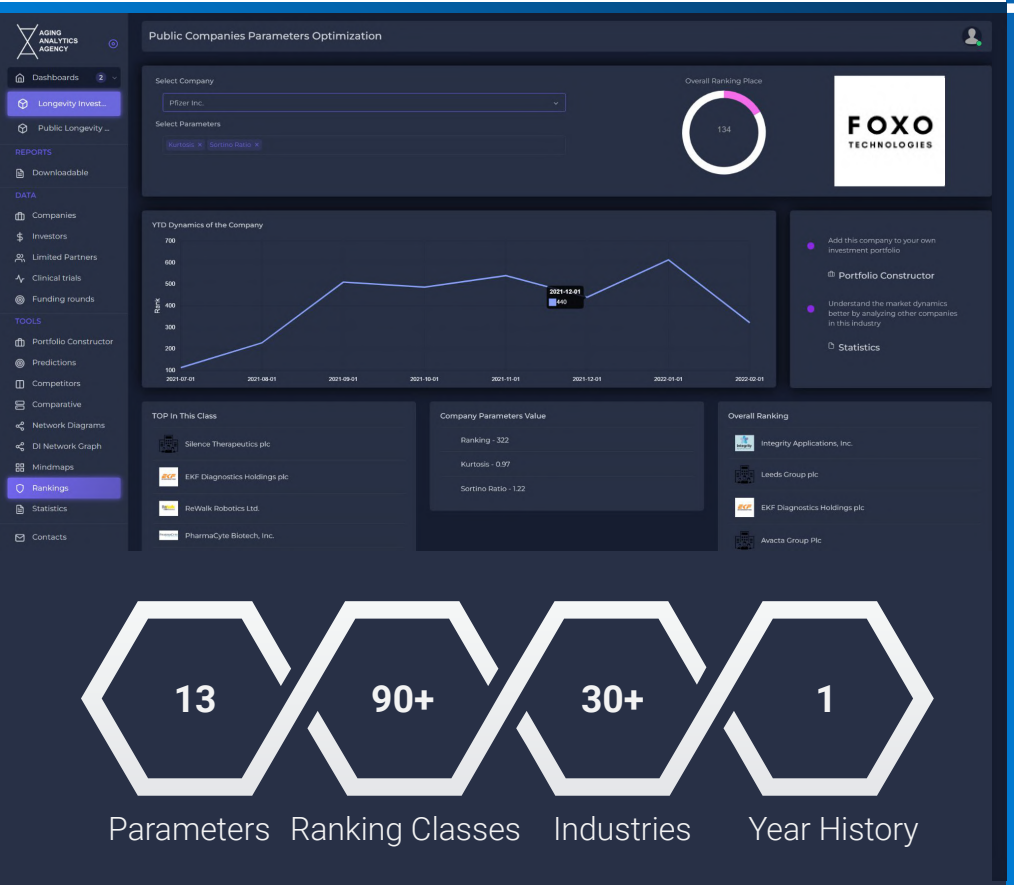
Heatmap Analysis is a Dashboard's tool aimed to deliver the visual representation of public companies' analysis. Dashboard's users can select the companies they are interested in, set up the specific time range for which analysis will be done. The obtained heatmap will outline the extreme data points which can be crucial for decision-making.



			Portfolio Standard Deviation	Skewness	Kurtosis	Sharpe Ratio	Downside Deviation	Sortino Ratio	Mean Absolute Deviation	Ulcer Performance Index	Sterling Ratio	Value At Risk	Expected Shortfall
Brainsway	-57.63	34.26	21.06	-0.28	-0.06	-3.07	24.70	-8.77	48.17	4.61	N/A	65.72	3.64
Atlantic American Corporation	-35.56	20.28	16.76	0.25	-1.39	-2.26	26.81	-20.14	40.31	1.74	N/A	61.52	2.39
Applied Therapeutics	-95.53	57.43	48.43	0.51	-1.35	-2.62	67.16	-10.29	104.63	18.41	N/A	110.65	0.78
AnaptysBio	7.31	81.37	28.21	0.55	-0.32	0.26	14.55	0.29	74.77	11.80	473.30	55.59	19.73
ALK Abelló	-19.47	21.43	11.97	-0.23	-0.98	-1.68	9.51	-2.74	21.68	5.55	N/A	39.66	16.10
Aleafia Health	-89.35	9.95	31.46	0.75	-1.01	-3.58	65.17	-99.17	66.05	0.25	N/A	107.60	0.04
Al-Etihad Cooperative Insurance Co.	-42.04	5.58	14.85	-0.49	-0.90	-3.04	22.42	-58.61	21.42	1.65	N/A	28.39	3.56
Affymax	-98.79	8.71	25.42	1.64	1.59	-5.38	84.19	-320.34	87.97	0.08	N/A	623.70	0.00
Abeona Therapeutics	-88.54	31.47	38.34	0.75	-0.97	-2.91	68.10	-19.57	87.07	33.25	N/A	102.85	3.34



Longevity Financial Corporations Ranking



Key Features

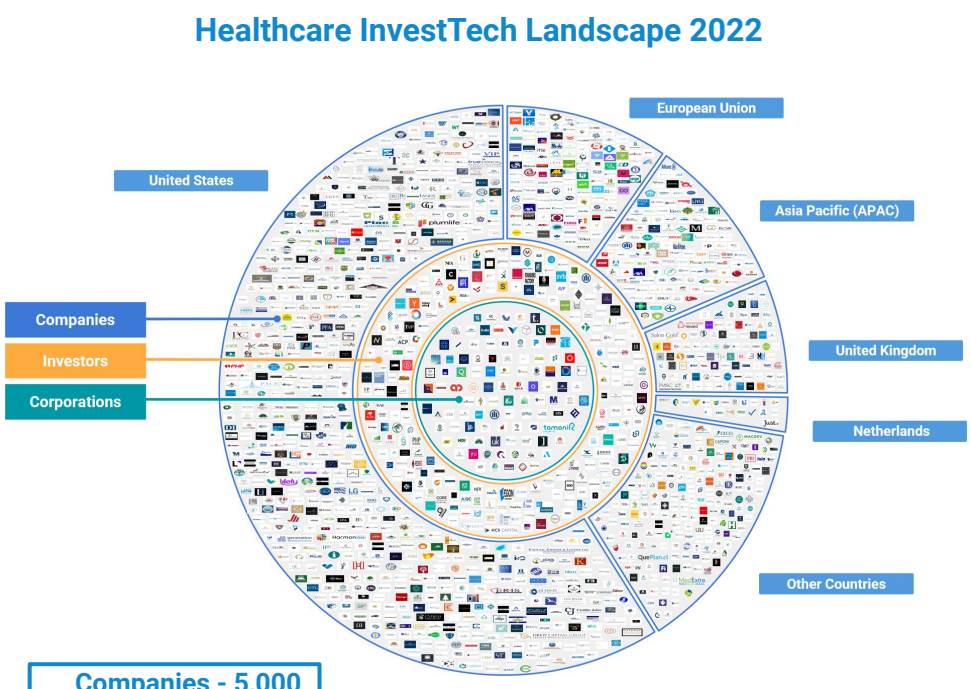
R — Rate companies based on their comparative historical performance

A — Access clear data insights on the companies that fit your framework

N — Navigate yourself across 5000+ Longevity public companies

K — Keep the best companies for your portfolio backtesting

Advanced Visualization of Industry Ecosystem (Mindmaps)

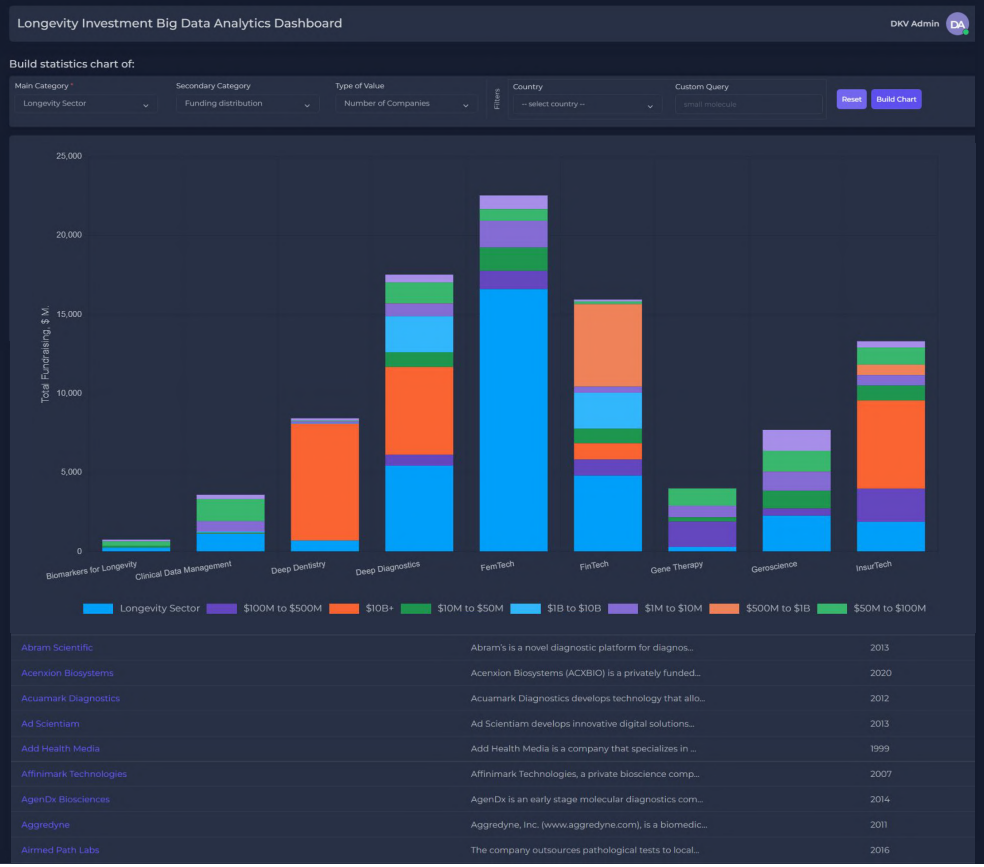


Key Features

Mindmaps allow users to demystify the complexity of the markets by visualizing the connections between the Global financial market players. Mindmaps provide the right means to conduct more efficient business development, finding new allocation targets, co-investors and competitors.

- Big Data Design
- 30+ covered markets
- 100+ analysed sectors
- 50000+ represented entities
- 5+ entities layers types
- Interactive linkage between entities

Interactive Chart Builder



Key Features

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

Hedging and Option Analysis



Why?

S Stand out by being ahead of your competitors

E Enter the era of the all-in-one solutions that allow you to work in a stable data framework

L Lower the error rate by accessing the analytics that make sense

L Learn more about the development of the markets you are interested in

Longevity Financial Instruments: Projections and Assessment of Opportunities

Novel financial systems adjusted to increasing healthy life expectancy, including the AgeTech-Longevity bank, the Longevity investment index and hedge fund, and a specialized Longevity stock exchange, **will provide multiple types of Longevity-associated derivatives.** This will spawn **a whole new industry,** whose capitalization could easily exceed the current financial markets.

The emergence of a full-fledged Longevity financial industry will make it possible to **create a Longevity stock exchange that will be dealing with specialized derivatives.** This, in turn, will lead to the appearance of the Longevity Composite Index, which will be similar to the Nasdaq Composite. Thanks to that, investors will be able to provide unlimited liquidity to the Longevity industry, much like it currently does with the real estate industry. This will result in a self-sustaining growth cycle in the Financial Longevity industry whereby the effect of aging on GDP will be repeatedly offset, with the resultant wealth being repeatedly reinvested in technologically reinvigorated human capital.

Types of Longevity Derivatives

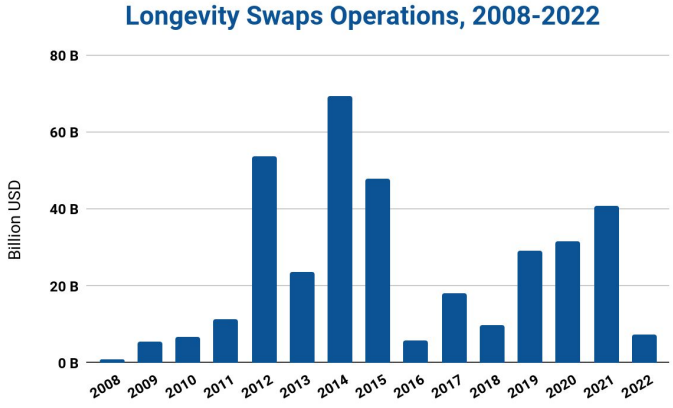
- Longevity Bonds
- Longevity Forward Contracts
- Longevity Options
- Longevity Swaps

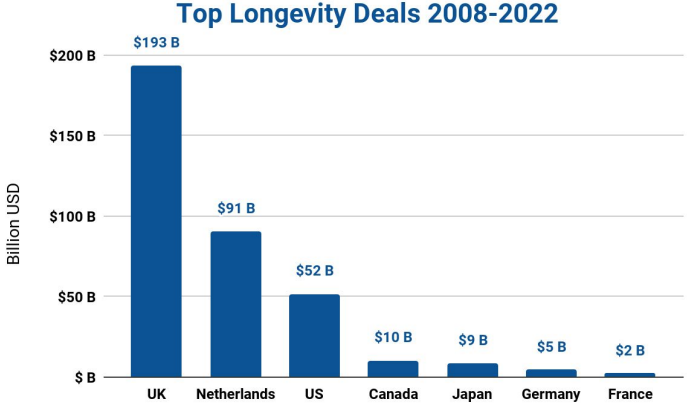
Longevity-derived Instruments' Market Size

The graph depicts the dynamics of longevity swaps' operations in period of 2008-2022 years. During this period, deals for amount of $ 361 billion had been struck. Amount of new operations correlates with life insurance market size. For example, insurance market size in US also significantly dropped after 2015 year and slightly recovers during 2016-2020 years (IBISWorld, 2020).

Therefore, countries that may have potential demand for bioage derivatives are UK, the Netherlands, USA, Canada and Japan. Based on the fact that longevity swaps occupy the biggest part of longevity risk transfer market we assume that bioage swaps should be the most attractive longevity derivative. Similarly, bioage bonds will not be in demand.

The longevity risk transfer activities mainly take place in the countries with a relatively large pension market size, such as UK, US, Australia, Netherlands and France (DNB, 2016). Main longevity instruments that are in demand in these countries are longevity swaps, longevity reinsurance, index-based longevity hedge, buy-ins and buy-outs. About 92,40 % of longevity deals belong to 3 countries: UK (53,59%), the Netherlands (25.10%) and USA (14.32%).

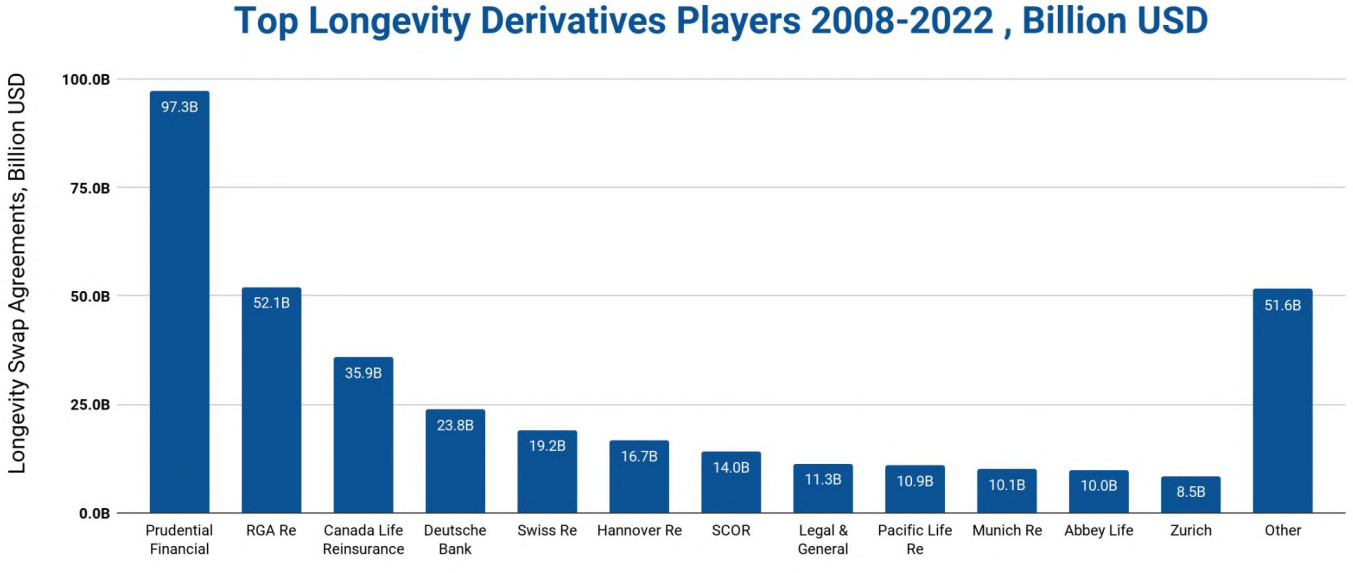




Source: Artemis, 2022

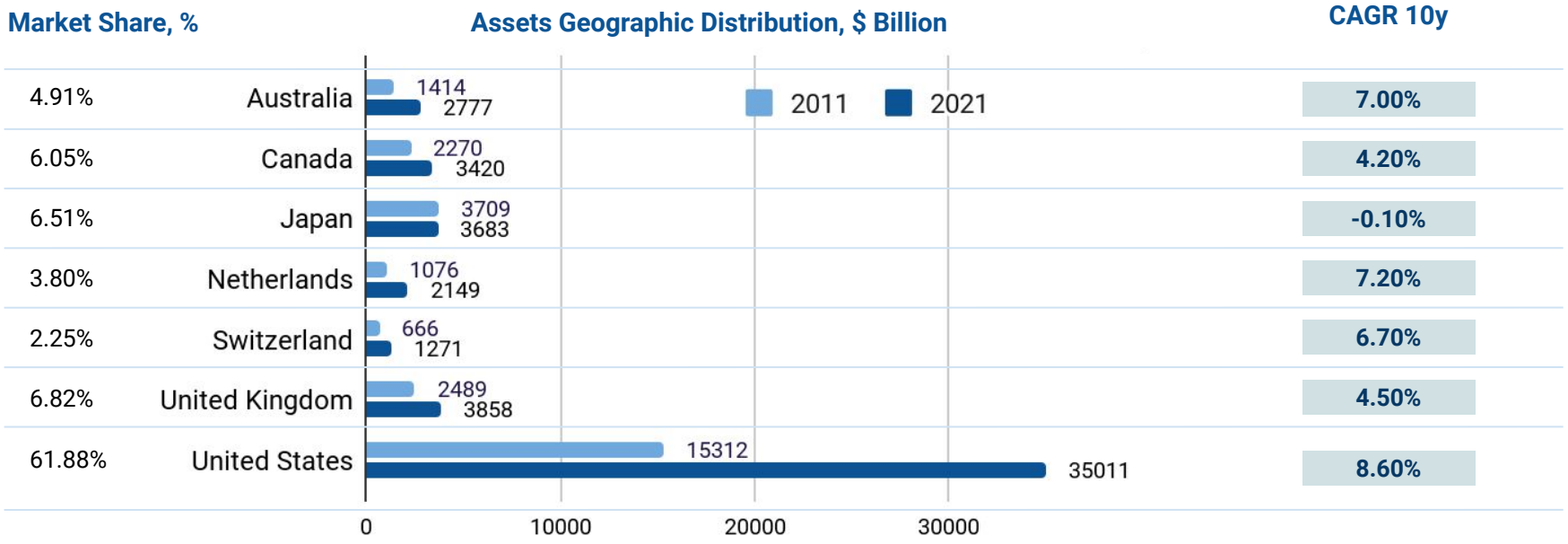
Top Longevity Derivatives Players

About 85% of longevity swaps and longevity risk transfers are provided by insurance companies (such as Prudential Financial Inc, Reinsurance Group of America, Canada Life, Deutsche Bank etc.), remaining 15% are distributed between investment banking and finance services institutions (such as Legal & General, Credit Suisse, Goldman Sachs). Since 2011, Prudential has completed approximately $ 97,3 billion in international longevity reinsurance transactions. Prudential Financial's average longevity risk transfer or reinsurance arrangement equals $ 4.1 billion. These transactions use a limited recourse, or pass-through structure, meaning the longevity and default risks are able to be passed through the insurer. onto the reinsurer.



Source: Artemis, Longevity Derivatives; Authors' calculations

Global Pension Funds Industry Outlook



The US is the largest pension market accounting for **61.9%** of the global pension market according to 2021 figures. The global assets are estimated at **$56,575 billion**. The **United Kingdom and Japan** follow the US with a significant difference — 6.8% and 6.5% respectively. Together, these three markets account for over 75% of all pension assets.

During the last 10 years, the fastest-growing pension markets have been the **US (228.7%), Netherlands (199.7%), and Australia (196.4%)** among observed, while the absolute leader in this rally was **China**, during 2011-2021 it increased its assets by **6.5 times**.

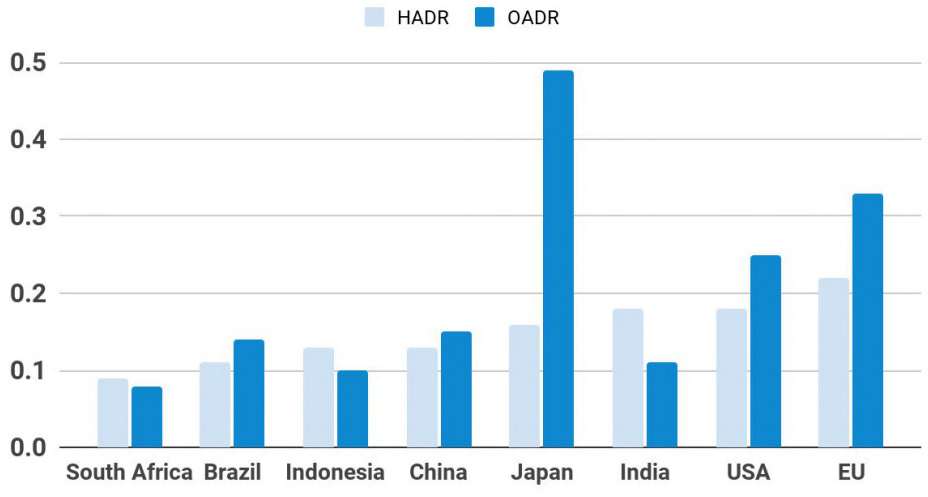
Source: Thinking Ahead Institute, Global Pension Assets Study, 2021

Longevity Risk Market

During upcoming years the Longevity risk will bring the challenges which require taking steps towards mitigating the adverse outcomes for the financial industry.

- Each boomer has not “produced” enough children to replace themselves. Such leads to a decline in the number of taxpaying workers. It takes about 25 years to grow a new taxpayer.
- The decline in economic prosperity is caused by excessive debt and declining income growth due to productivity increases.
- Back in 1966, each employee in the USA shouldered $555 of social benefits. Today, each employee has to support more than $18,000 of benefits.
- In the USA, by 2025, each married couple will pay Social Security retirement benefits for one retiree and their own family’s expenses.

Old-age dependency ratio (OADR) and health-adjusted dependency ratio (HADR) for selected countries*



HADR is a new measure of aging burden based on the aging-related health of the adult population compared to OADR widely used earlier. The comparison of the values of both metrics gives more clear understanding of how the particular countries overcome the negative consequences of aging population and Longevity risk.

*Source: The Lancet Healthy Longevity

Longevity Financial Institutions: What Does the Future Hold?

A number of novel financial institutions that could ride the rising tide (e.g. **longevity-focused venture funds, Longevity-AgeTech banks, longevity exchange traded funds, hedge funds**, etc.) is expected to appear and develop in the future. Then, an entire ecosystem can be built and organized into a specialized **stock exchange for Longevity-focused companies** and financial products.

Given that modern financial institutions are not adequately equipped for the arrival of the longevity industry, novel financial tools, organization types, products, services, and analytical approaches will have to be developed. This will make it possible to take full advantage of the advances in the longevity biomedicine and utilize them for giving a boost to the financial sector.

Evolution of Longevity Financial Industry



Longevity Venture Capital Fund

VC Fund focused on longevity startups, with deep scientific expertise in geroscience

AgeTech Longevity Bank

New generation of a bank focused on the elderly people applying combination of Fintech and care solutions to improve the quality of life of its clients

Longevity Hedge Fund

Hedge fund that shorts risky and scientifically non-validated or outdated life sciences and BioTech companies

Longevity Trust

Trust optimized to manage clients' wealth and assets across an extended period of Healthy Longevity adjusted to 100+ years life expectancy

Longevity Stock Exchange

Specialized longevity stock exchange will form a fully-fledged, multifarious global Longevity commercial industry

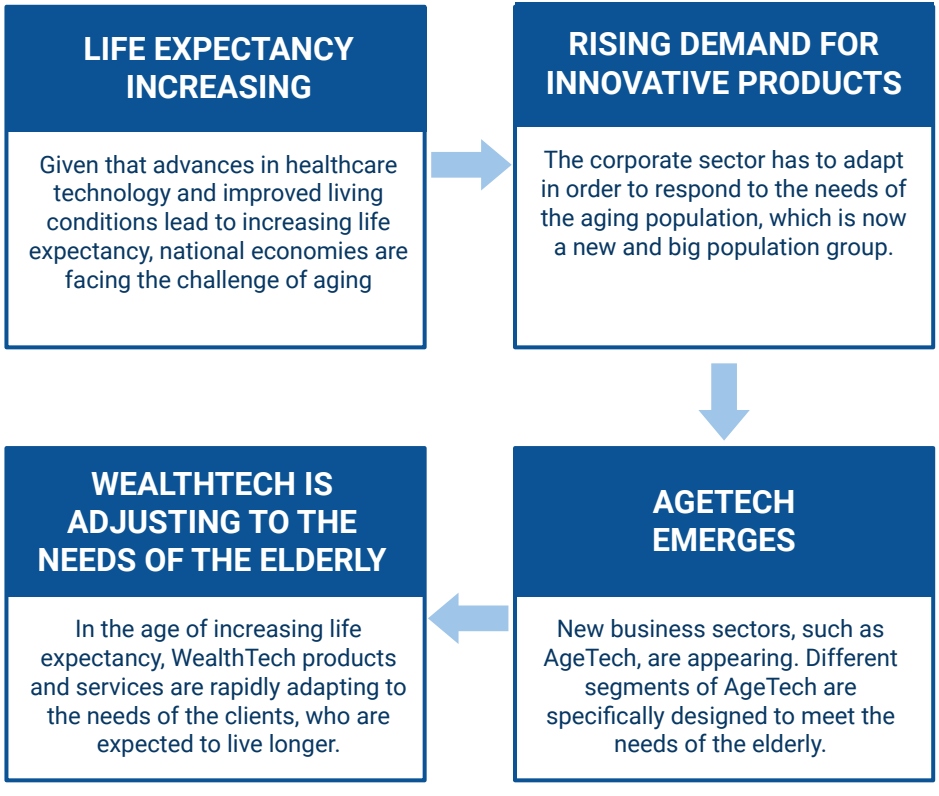
Longevity Composite Index

Tied to the capitalization of well-diversified pool of Top-100 companies listed on the Longevity Stock Exchange

Longevity Index Fund

ETF fund with a portfolio constructed to match and track the Longevity Composite index

Longevity as the Next Major Opportunity for Financial Institutions



Over the past 100 years, **the financial industry has largely shunned and neglected people in retirement**. This is ironic, given that senior citizens are quickly becoming the largest market segment slated to possess the most purchasing power of any demographic. As of now, we have an entire 7th Continent populated by a whopping 1 billion people aged 60 and over.

By coming up with new solutions and adapting the already existing ones, **financial services innovators can improve the financial situation of these people.** Thus, they can turn a liability into an asset and utilize its untapped market potential.

This year, the global spending power of this demographic is expected to reach $15 trillion. **Longevity Banks and FinTech 2.0 services can attract people aged 60 and over, including those of them that expect to live to 100 and beyond.** These people recognize Health as New Wealth and are in desperate need of technologies capable of optimizing their wealth management and increasing their healthspan.

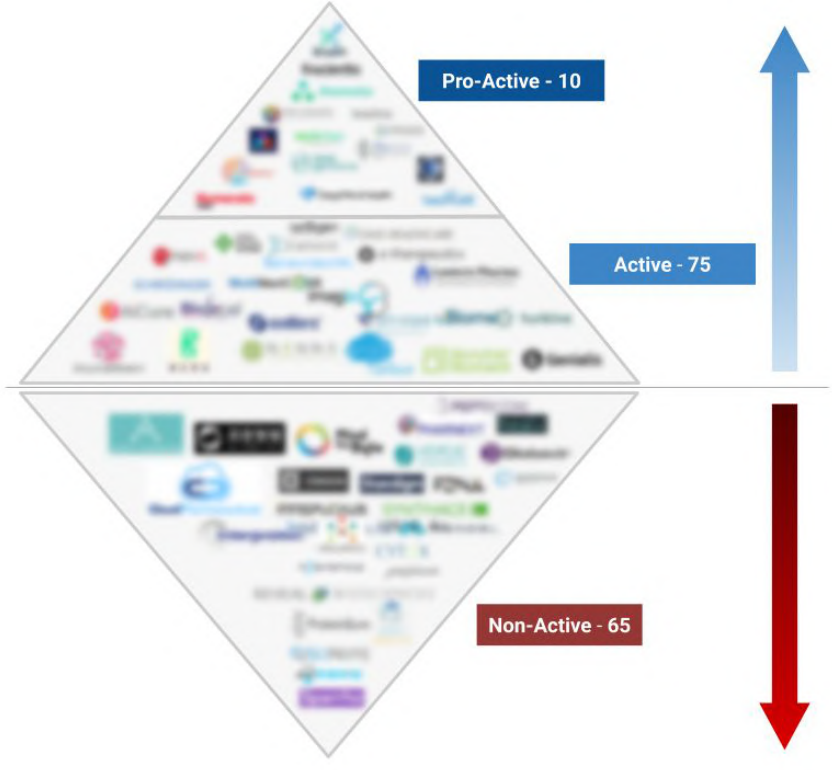
In the next few years, **age-friendly FinTech companies and Longevity Banks will develop new financial products** designed for clients who plan to live extra-long lives, while remaining in good health and maintaining financial stability.

Continuous Monitoring of Global Longevity Finance Activity

The Longevity Finance Dashboard will provide its users with **access to unique data on the Longevity-related activities of 300 financial corporations.** Currently, some 150 financial institutions are involved in some kind of longevity-related activities, with another 150 being distinctly disinterested in the topic.

By utilizing advanced analytical frameworks and methodologies developed by Deep Knowledge Group, the platform will provide clients with **access to sophisticated market intelligence, benchmarking and SWOT analysis, as well as practical recommendations on the best available practices, methods, products and services.**

For the first time, financial institutions will have access to **expertly curated and realistic analytics and market intelligence**. Thanks to this data, they will be able to adjust their business models and make them more compatible with HealthTech, Wealthtech, AgeTech, Longevity-focused banking and new Longevity-themed financial products. By utilizing advanced AI and data science, insurance companies, pension funds and other financial institutions will be able to offer the best solutions to their own clients. .



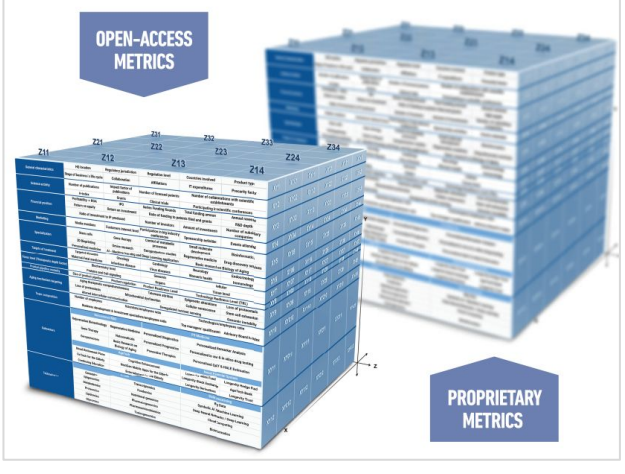
Deep Knowledge Group: Powered by Multidimensional Analytics

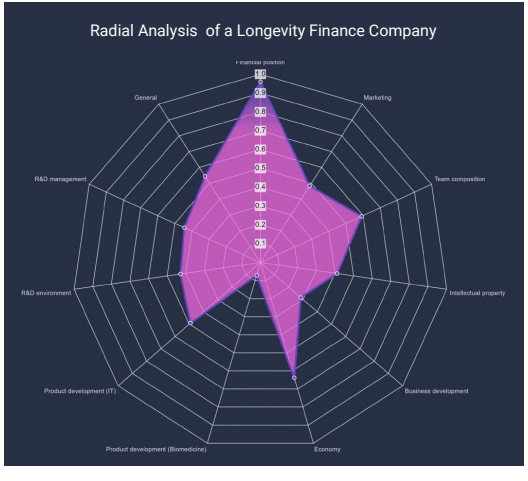
Since its inception in 2013, Deep Knowledge Group has been applying systematic methodologies to create various types of **Longevity Industry analytical frameworks**.

Our company is constantly improving its comparative analysis systems, refining specific metrics used for conducting market studies and honing mathematical formulas used for combining them. We have also created advanced visualization techniques to make forecasts, rankings and determinations easily understandable.

Deep Knowledge Group is proud of having put together a multidisciplinary team of consultants and analysts capable of performing technology evaluation and due diligence. They also have a profound understanding of the key **strengths**, **weaknesses**, **opportunities** and **threats** of Longevity Financial Technologies and Companies.







DEEP KNOWLEDGE ANALYTICS

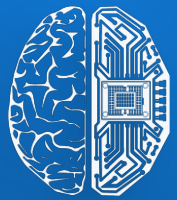
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