

Deep Knowledge Group Plans for 2023 and Beyond

Dmitry Kaminskiy

Deep Knowledge Group
General Partner

House of Lords
December 16, 2022

Longevity Christmas Reception, 2022

Deep Knowledge Group

- 2013 - 2022: DeepTech data aggregation and analysis, building proprietary Corporate AI Engine
- 2023 - 2024: Practical conversion of Data Science Assets for DeepTech / Longevity Financial Commoditization

Under Development Deep Knowledge Group Target Major Milestones for 2023-2024:

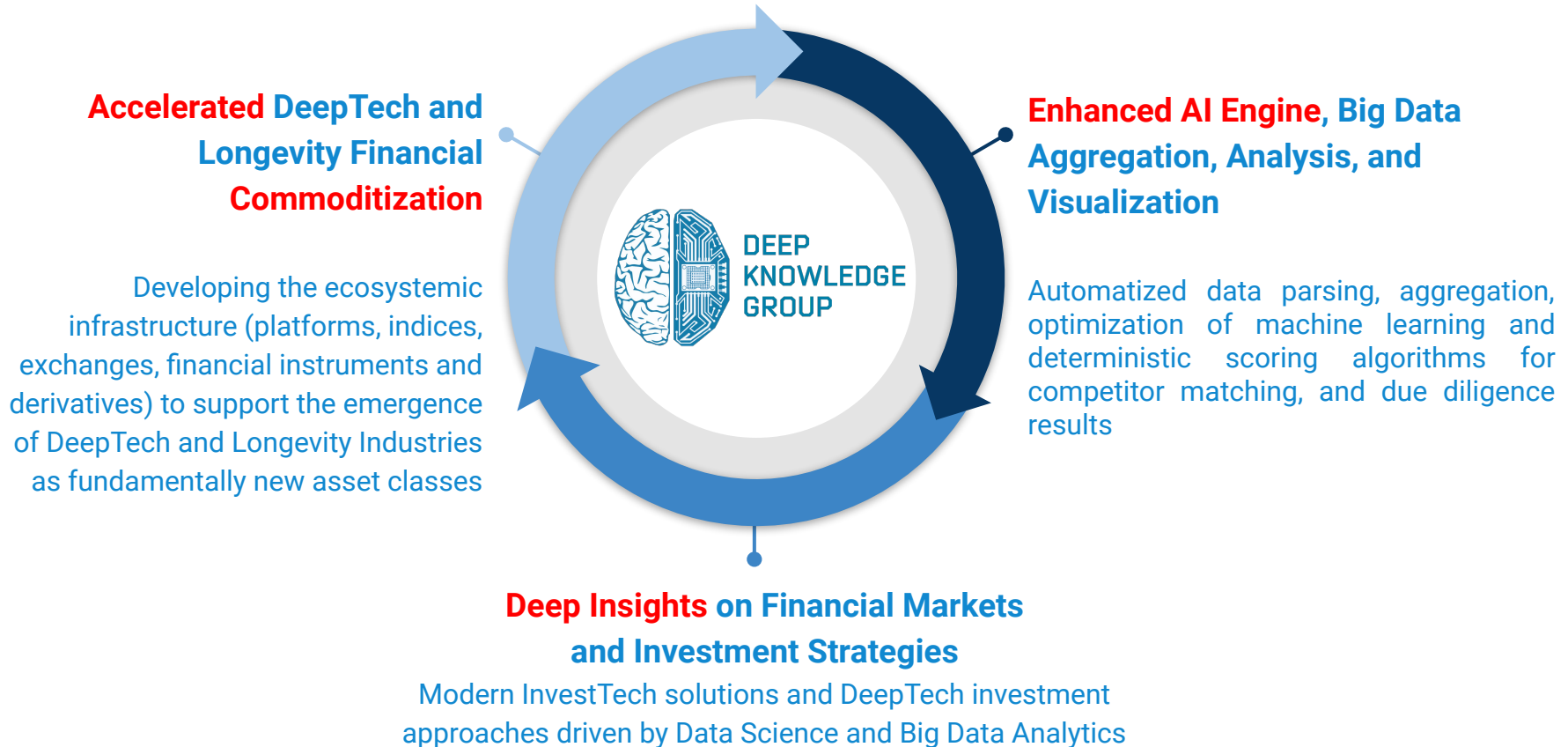
- Longevity Industry Index
- Longevity Stock Exchange
- Longevity Investment Bank
- DeepTech Big Data Analytical System 2.0
- Long-Term Technological Forecasting System

Deep Knowledge Group

Besides financial and commercial activities, in 2023-2024 will even more prioritize ongoing DeepTech for Social Good projects:

- 5th Industrial Revolution Institute
- Techno-Philanthropy as New Paradigm for Global Philanthropy Ecosystem

Deep Knowledge Group: Plans for 2023 and Beyond



DeepTech and Longevity Industry Financial Commoditization

Deep Knowledge Group is committed to execute the concept of **DeepTech and Longevity Financial Commoditization**, reflected in its pursuit of a truly ecosystemic approach through its various financial service divisions to establish an integral financial infrastructure to support the commoditization of the **DeepTech and Longevity Industries as fundamentally new asset classes**.

NaTFaA Nano-advanced medical devices and apparel	NaMSfE Nano-advanced medical solutions for diagnostics	NPfP Nanocellulose particles for diagnostics	NaTaAmC Nano-advanced thermal and heat-mitigating clothing	NT Network Technologies	S Sensors	RSTaA Robotized surgery, therapy and analysis	RECS Robotized Everyday Customer Service	LVCfF Longevity VC Funds	ATB AgriTech Banks	LHF Longevity Hedge Funds	TFP TFI Funds Replication
LA Legal Advisors	AiBdL AI-backed Legal Documentation	ASWM Automated solutions Wealth management	VFM Virtual finance management	DT Digitization technologies	EFWPM Eco-friendly Waste Processing Methods	AR Assembly Robotics	RB Regeneration - Bioprinting	LT Longevity Trusts	LSE Longevity Stock Exchanges	LIF Longevity Index Funds	ETFsPR ETF's performance Replications
PP Perception & Prediction	EI Explanation & Interpretation	NMoCL New Models of Consumer Leading	DLT Distributed ledger technologies (DLT)	CoMW Collection of Municipal Waste	ASSfT Advanced Satellite solutions for Telecommunication	ADR Advanced dietary research	RS Regeneration - Scaffold	FESaEA Finance-secured and ecosystemic approach	thoAlaMLIS The hegemony of AI and ML-driven investment solutions	QaFAA Quantitative and Artificially intelligent asset allocation	IEA Investment execution automation
SaCT social and collaborative technologies	NaMfC Nano-advanced materials for Construction	NeFM Nano-engineered Functional Materials	QC Quantum Cybersecurity	AifABD AI for Advertising Big Data	OSEG Oribing solar energy generator	SMRTA Specialized medicine regeneration technology adaptation	RSC Regeneration - Stem cells	AliG Data interpretation in proportion	DaaPA Data as a Political Asset	LbD Longevity based Derivatives	EotNFI Emergence of the novel financial instruments
AlaMLfDD AI and ML for Drug Development	SB Structural Informatics	RR Regulatory Reporting	KYCAmLS KYC & AML solutions	COTSDA COTS design approach	DaSRP Diverse and Reliable Public Reporting	TfPHE Tools for Helping Patients' Hospital Experience	G Geroprotectors	DaPI Data as Political Influence	DaPI Data as Political Influence	AleBaPA Advanced Behavioral and Predictive Analytics	BfPaSpaULC Blockchain for Public & Private Governance and Security
SRM Solar Radiation Management	CDR Carbon Dioxide Removal	AEfEG Advanced Engines for Electricity Generation	ESI Energy Storage Inventions	SC Smart contracts	SS Security services	PHMaC Patient hospital monitoring and care	PTAdR Patient Health data driven Risks	PRs Power re-stratification	PSCaSC Public services, communication and smart case	AIET AI in EdTech	EaloIE Evaluating and Automating education
SM Staff Management	GE Guest Experience	ST Sensing technologies	ASfF Automation Solutions for Farming	IM Identity Management	FEaP Finance Engineering & Payments	SS Entertainment & Education for Elderly	ED Executive Decentralization	DaaSA Diversification as a social approach	ARaVRIET AR and VR in EdTech	BDfE Big Data for Education	IPI Innovation Policies Implementation
TfEPT Tech for Enhanced Passenger Transportation	AnALT Air Navigation & Landing Technologies	PGSAT Personalized space-based monitoring and therapy	NToPE New technologies of Plant Engineering	BiH Blockchain in Healthcare	HM Health Monitoring	SS Security Systems	AtMI AI-based social and technical solution individualization	AlbSaTSI AI-based social and technical solution implementation	ScEA Sustainability, ecological environmental approach	WRdtUaU Web3-based social and technical solution implementation	CIMI Consumer Innovation Market Implementation



The inevitable rise of DeepTech as a new asset class

Turning DeepTech into a new asset class would unlock trillions in capital, resulting in massive economic opportunities and a positive impact on humanity

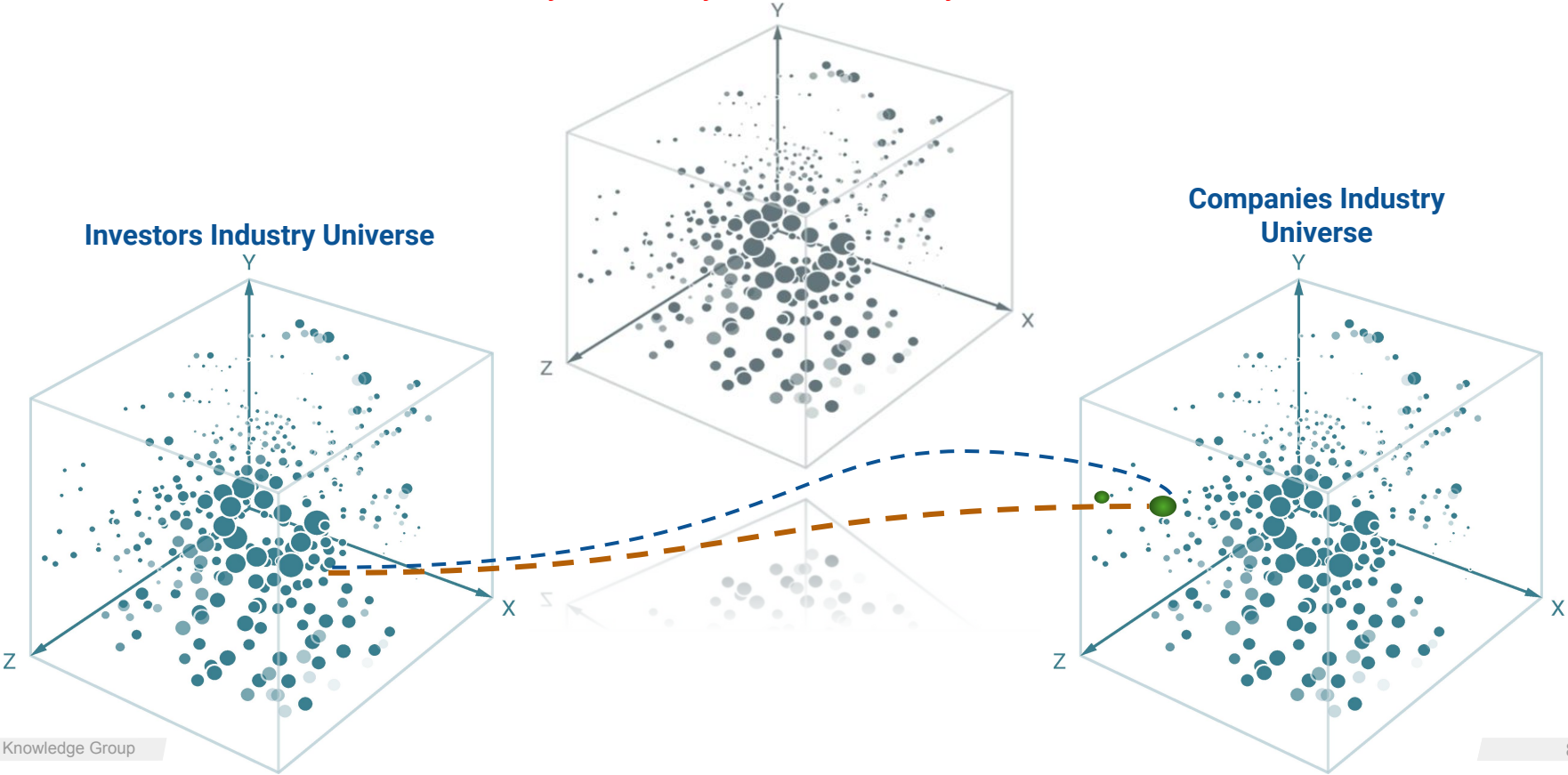


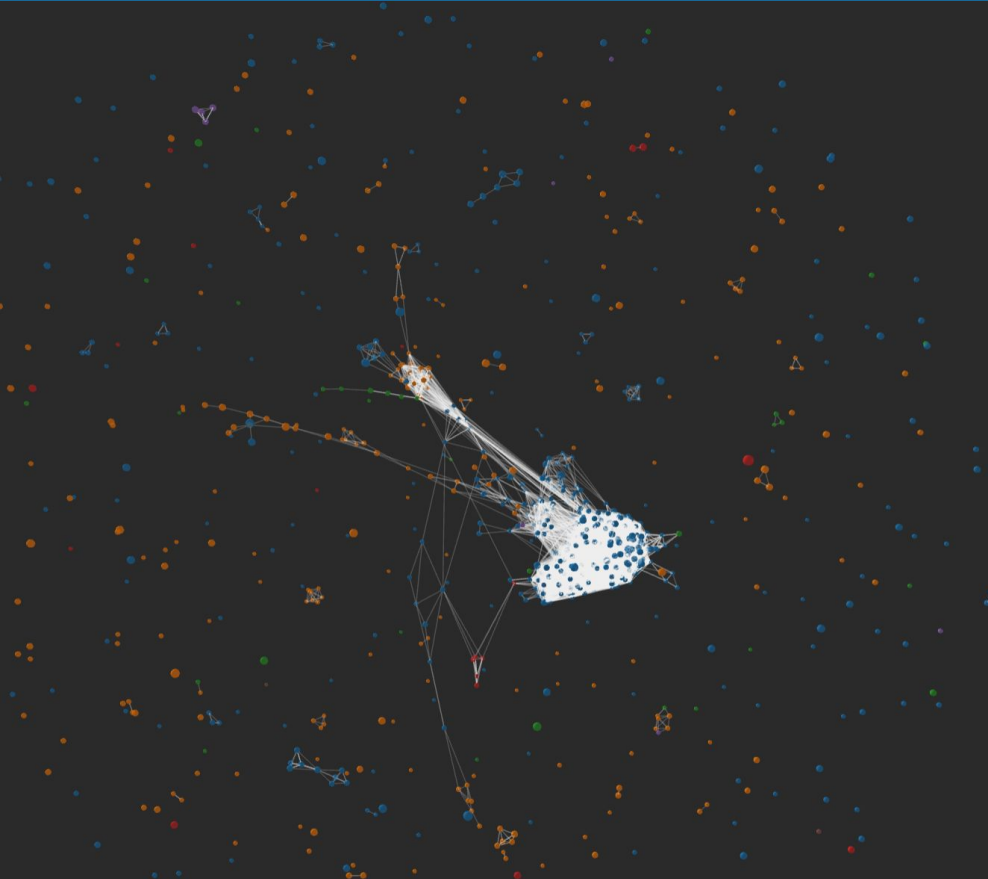
Enhanced AI Engine, Big Data Aggregation, Analysis, and Visualization



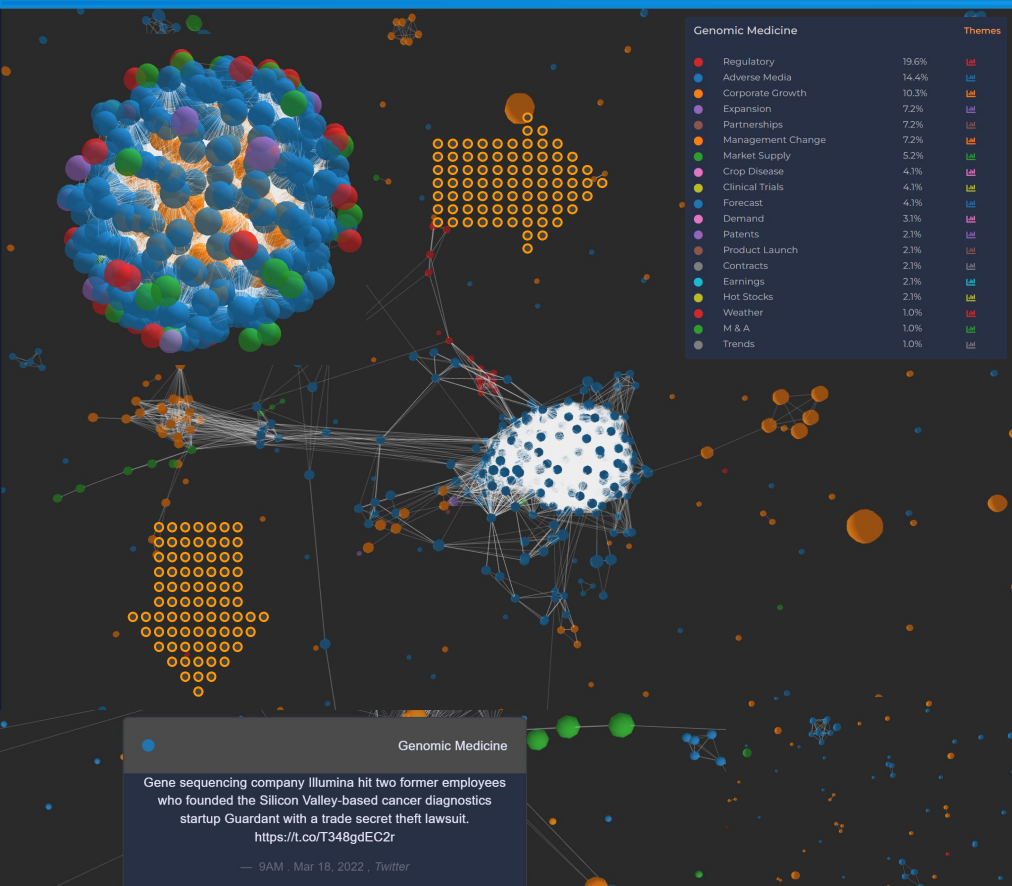
Multidimensional Vector Space 2.0

Universe of AI Algorithms, Deep Neural Networks, Polyfactor Analysis, and Data Analysis Methods





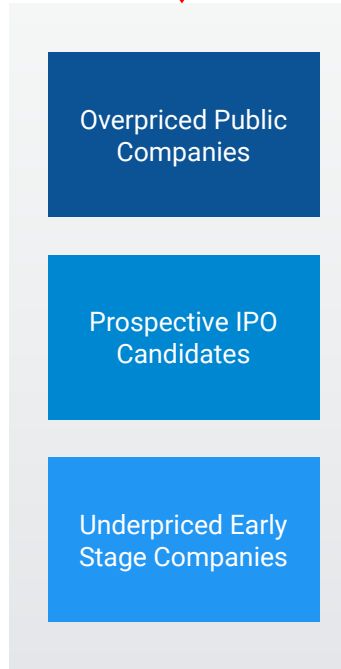
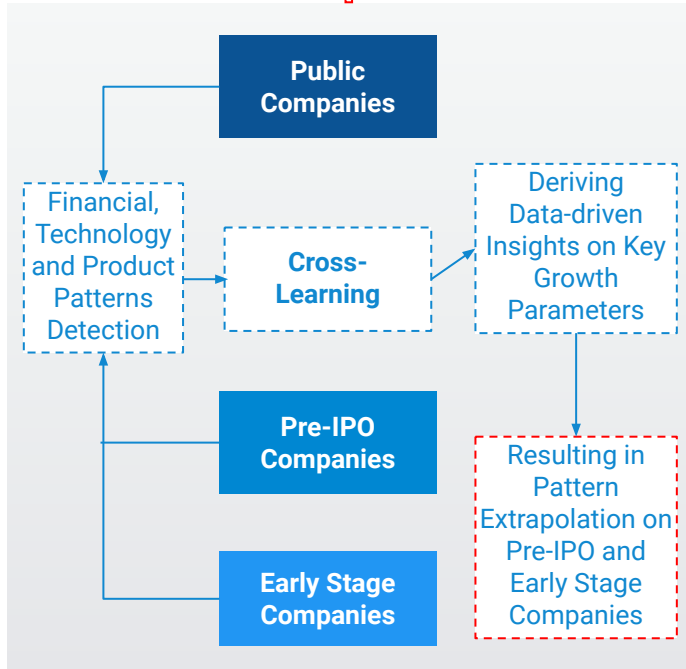
- Amount of alternative business data grows exponentially, yet most of it is not yet applied in financial and business analytics
- Modern sophisticated AI-driven methods can help extract hidden complex pattern from unstructured data
- Deep Knowledge Group is developing tangible quantifiable metrics to get value from the data abundance
- AI algorithms are applied to collect, categorize, and validate data



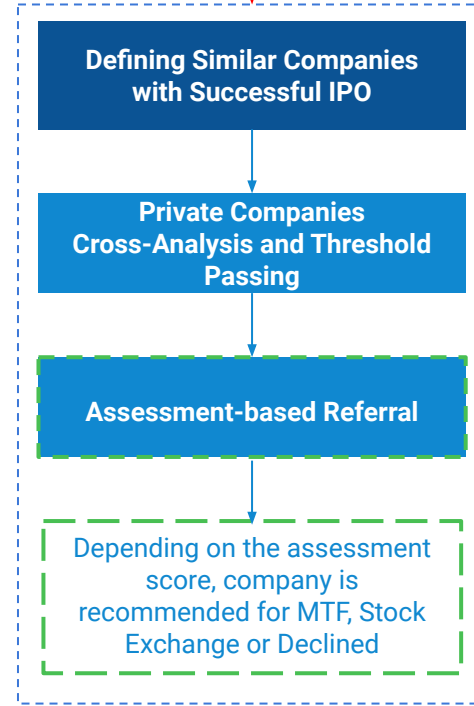
- Source tangible analytical results covering the most cutting-edge technologies out there
- Continuous assessment of new technologies across the different areas
- Analyze technologies from different areas with tailored metrics
- Navigate yourself across complex industries as guru

Enhanced AI Forecasting Mechanism for Investment and Financial Assessment

Cross Domain Comparison Analysis



Product Value





- Extracting value from long-term trends
- Cross-learning between private and public companies
- Lowering the error rate by accessing the alternative data
- Combining conventional quant finance approach with R&D analysis and data science

Gulf Region as Major Strategic Priority for 2023

Deep Knowledge Group recently conducted a week-long strategic visit to the United Arab Emirates to deepen the company's DeepTech-focused activities in the GCC and unveil several key MENA-focused projects, and conducted several meetings with high-calibre policy and decision makers including the Department of Health in Abu Dhabi.



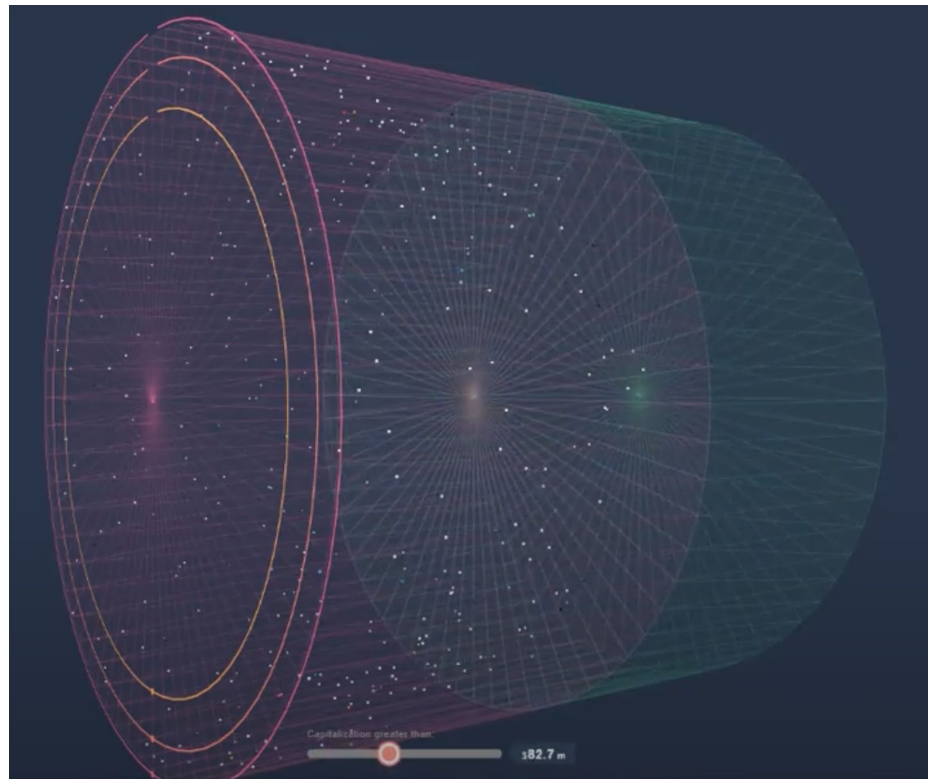
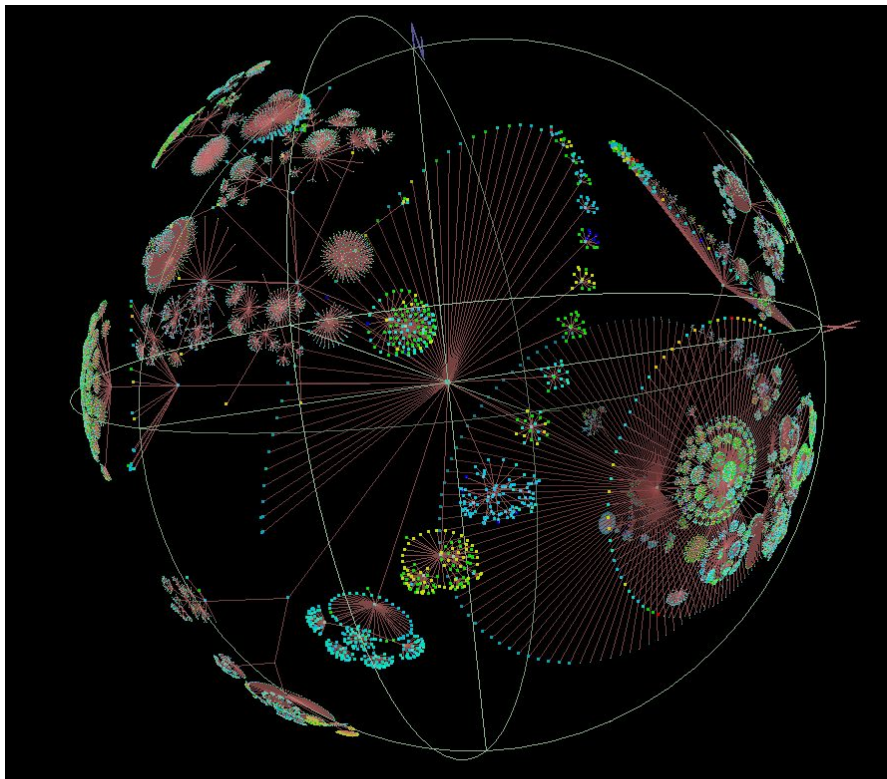
Deep Knowledge Group General Partner Dmitry Kaminskiy and Head of the Group's UAE branch Baha Hamadi with Dr. **Omar Najim, Executive Office Director at Department of Health in Abu Dhabi**



Deep Knowledge Group General Partner Dmitry Kaminskiy with **His Excellency Hussain Al Mahmoudi, CEO of Sharjah Research, Technology and Innovation Park**

AR 3D Industry Space and Graph Network for Gulf Region DeepTech Ecosystem

- Interactive dynamic environment to observe and analyse industry
- Combination of deep learning and data analytics with advanced 3D visualisations



DKG Strategic Projects in Gulf Region Countries

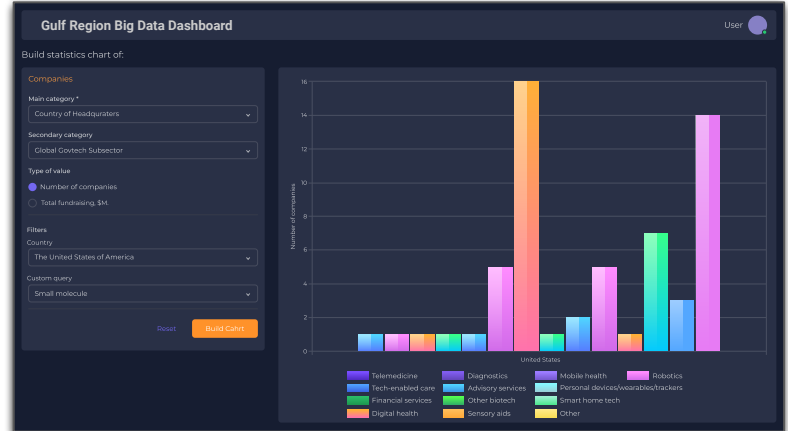
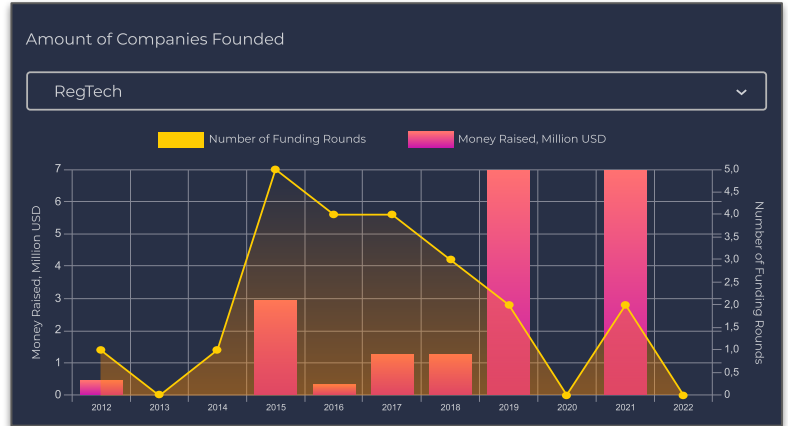
Longevity and DeepTech MTF

Interactive 3D Mind Maps

DeepTech in Gulf Region Big Data Analytics System

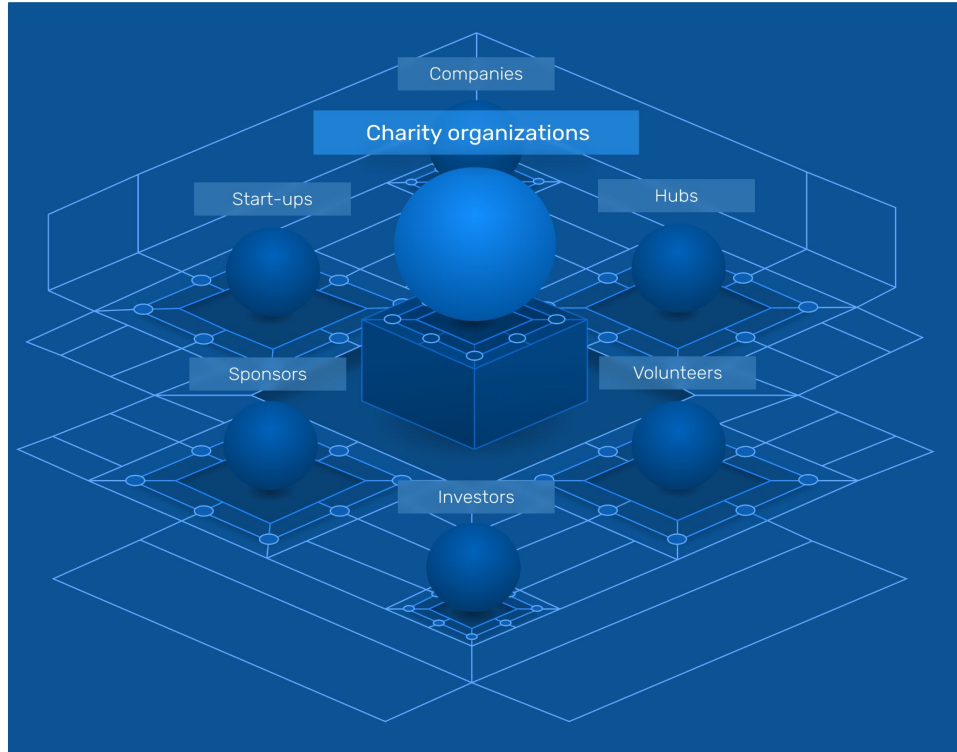
InvestTech Platform

Longevity Bank



Building Techno Philanthropy Platform

Deep Knowledge Philanthropy was established with the mandate of 'using DeepTech to deliver 10x-50x the social impact on humanity than the philanthropy ecosystem average'.



Philanthropy International

Log in

Welcome back! Please enter your details.

Email Address

Password

[Forgot your password?](#)

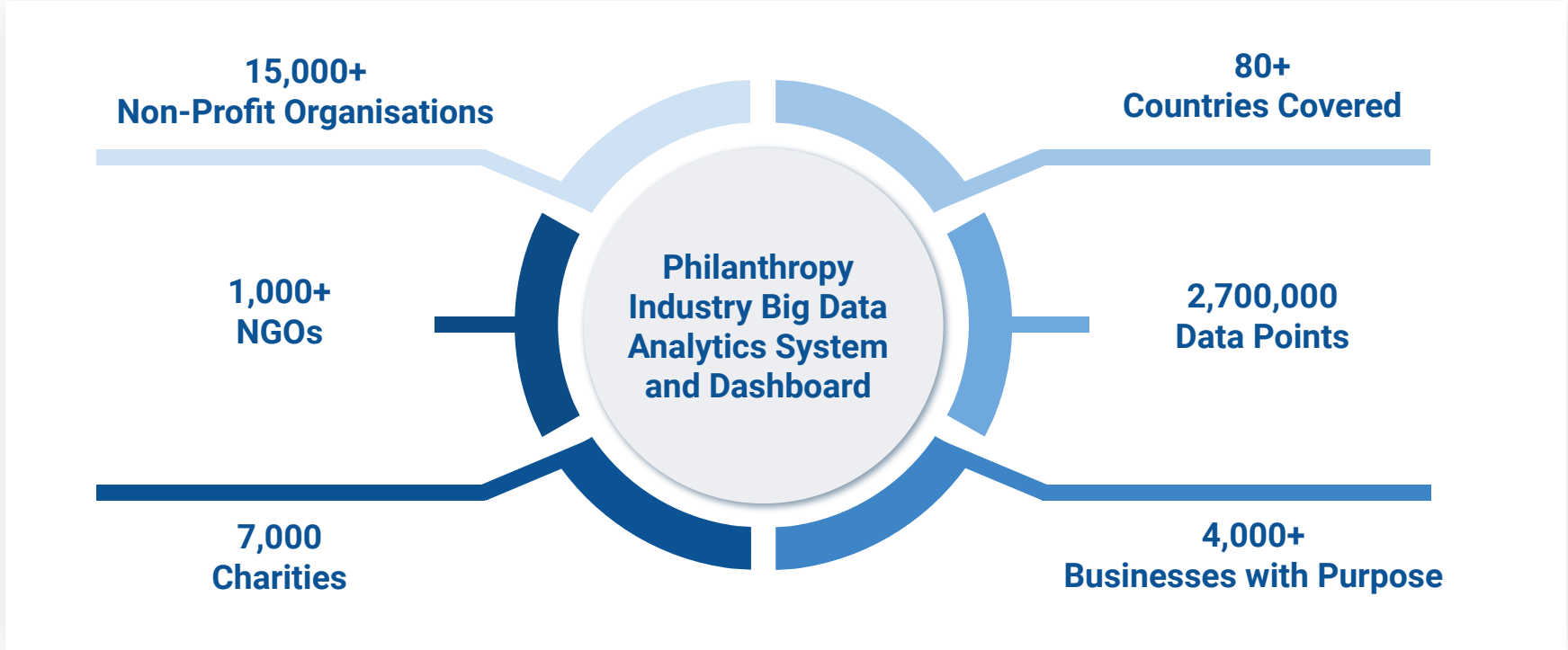
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Philanthropy Ecosystem Big Data Analytical System and Dashboard

Philanthropy Industry Big Data Analytical System and Dashboard provides the comprehensive analytics of the Philanthropy Industry and extensive database of charity organizations over the globe.



REPORTS

- MindMaps
- Downloadables
- Methodology & Fram...

DATA

- Businesses with Purp...
- Non-Profits
- Charities
- NGOs

TOOLS

- Comparative Analysis
- Contacts

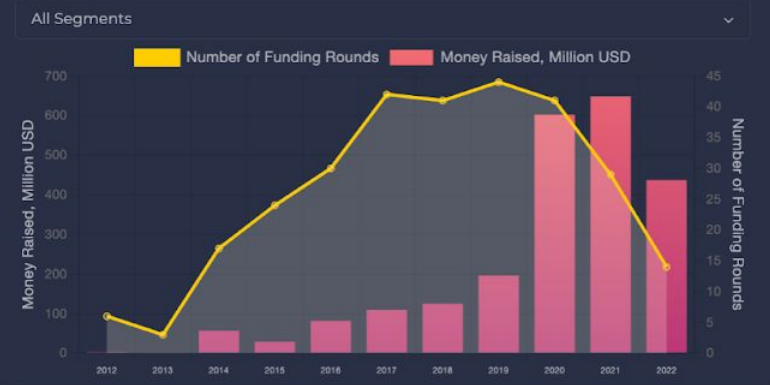
Distribution by Sphere of Activity



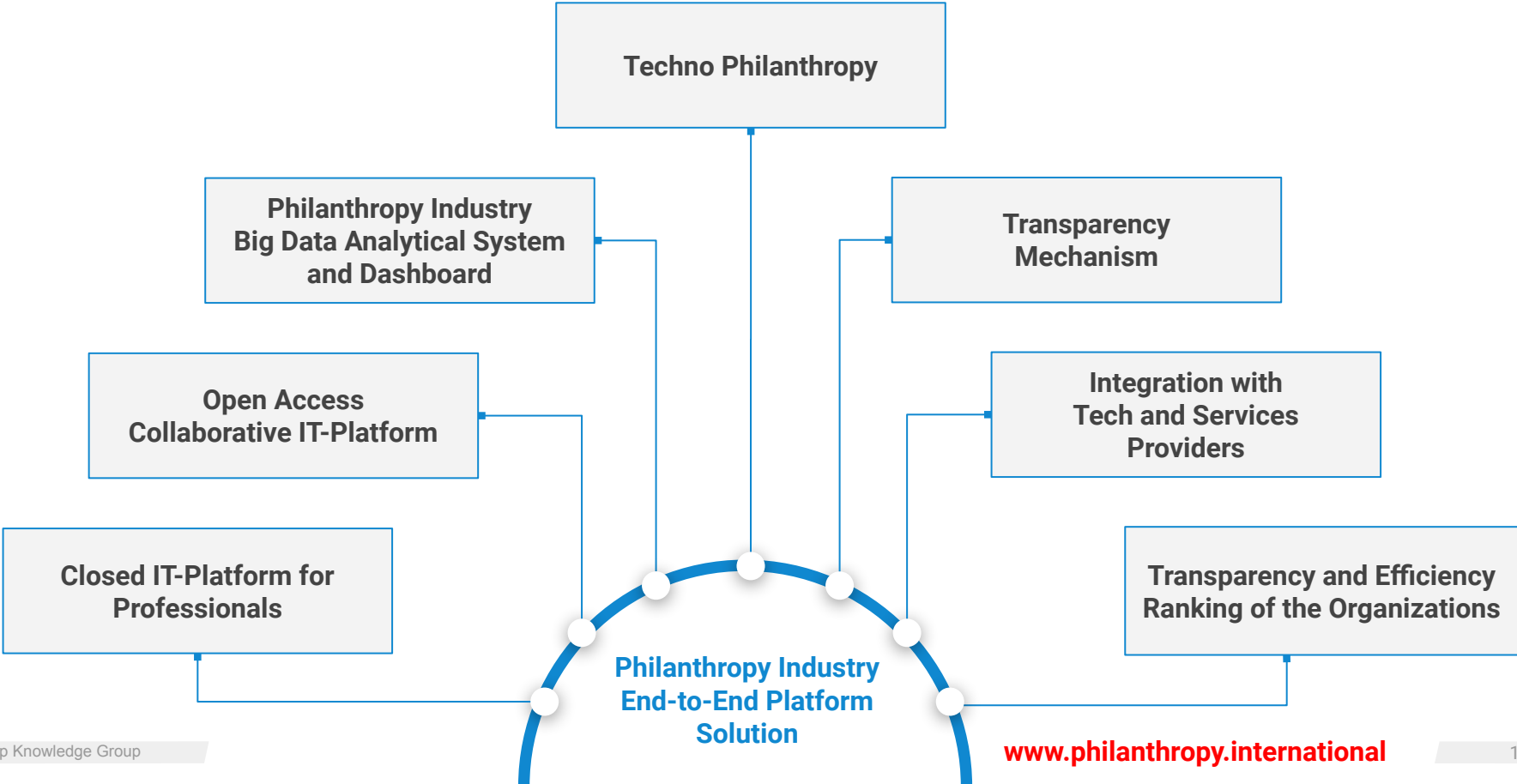
Regional Distribution of Charities



Amount of Companies Founded

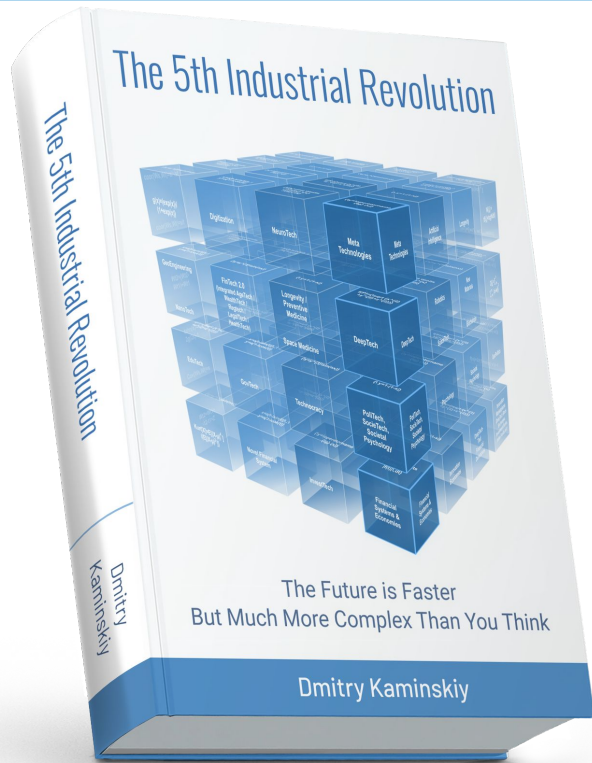


Philanthropy Ecosystem End-to-End Platform Solution



The 5th Industrial Revolution Book

The Future is Faster But Much More Complex Than You Think

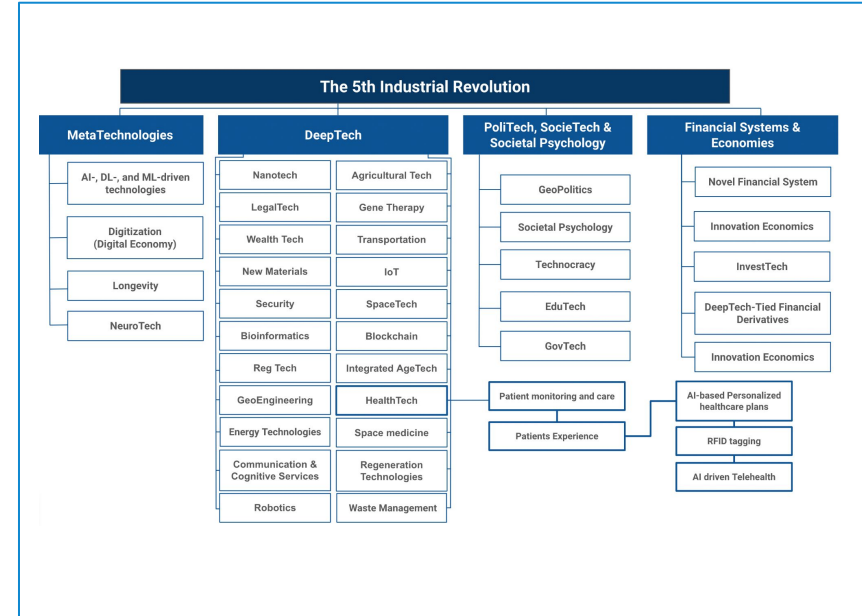
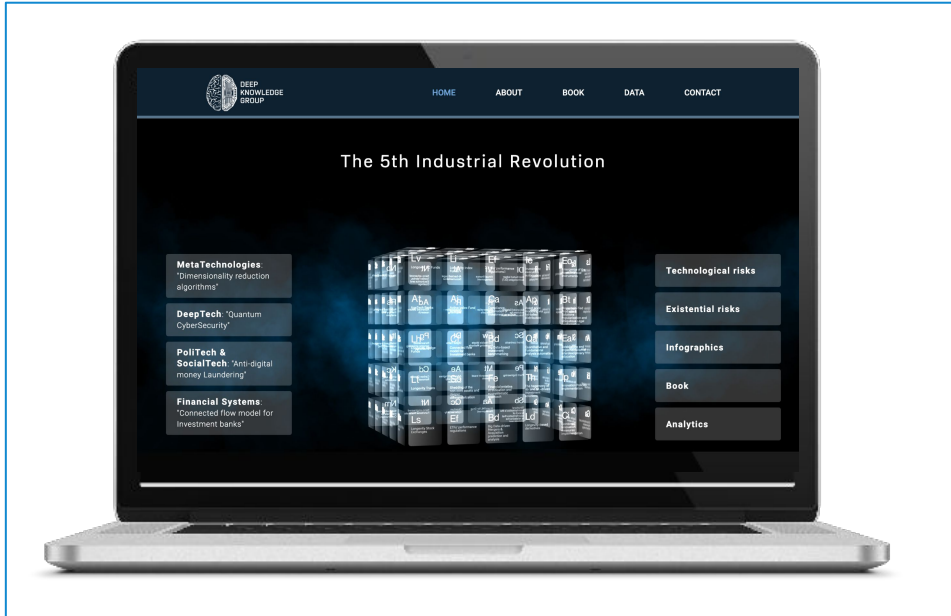


The Future is Faster But Much More Complex Than You Think

- Defining the 5th Industrial Revolution (2030) as the Middle Ground Between the 4th Industrial Revolution (2020) and Technological Singularity (2045)
- The Need for Tangible, Pragmatic Forecasting (Reasonable Harmonization of Techno-Optimism with Reality)
- Pragmatic Analytical Frameworks to Understand the 5th Industrial Revolution and Forecast the Trajectory of Societal Evolution
- DeepTech Engineering to Accelerate and De-Risk the Trajectory of the Social Evolution (The Blueprint and Pathway from Industry 4.0 to 5.0)

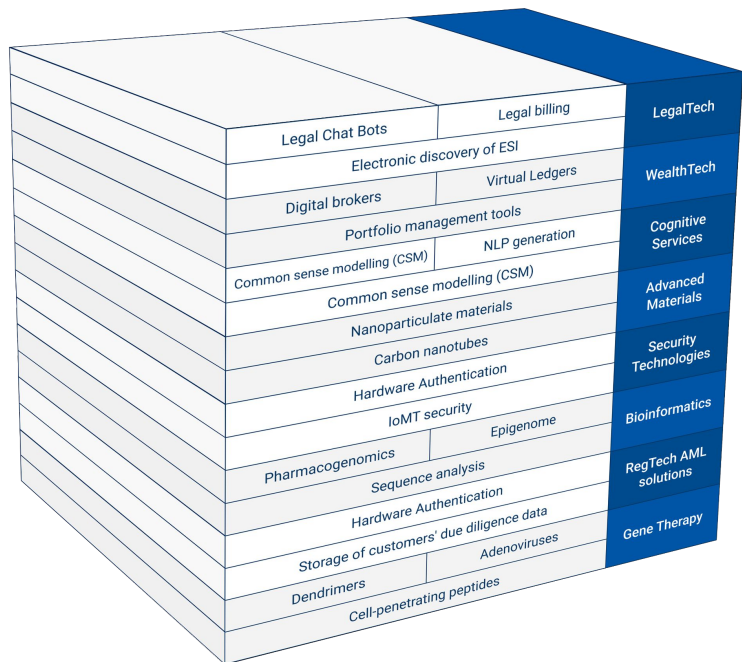
The 5th Industrial Revolution Institute

Despite the accelerated pace of technological progress that characterizes the 21st century, in reality, technology's practical implementation and overall impact on humanity faces many challenges. For this purpose, Deep Knowledge Group intends to set up **the 5th Industrial Revolution Institute**.



www.5revolution.tech

4th Industrial Revolution Framework



5th Industrial Revolution Framework



Global DeepTech Big Data Analytical System



Identifying and Mapping of DeepTech
Companies across the Globe

Long-Term Technological Forecasting Big Data Analytical System



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

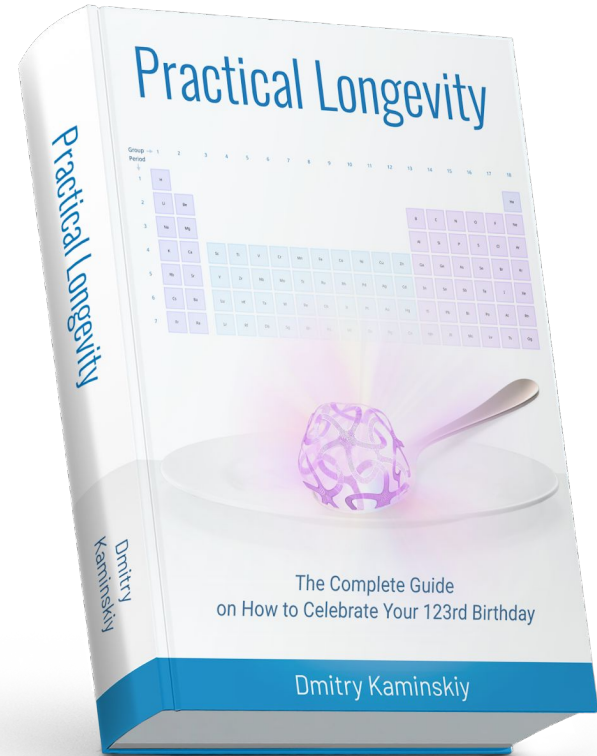
Technological and Financial Pragmatic Futurism



The Complete Guide on How to Celebrate Your 123d Birthday

Practical Longevity Book Features

- Practical Longevity Book is divided into **5 qualitative layers**, increasing in levels of effectiveness (in terms of Practical Longevity), and technological sophistication.
- Each of the **5 layers** include technical add-ons containing practical recommendations on how to behave in specific situations in order to move to the next Longevity layer.



\$1 Million Prize for Person to Beat the Current Human Longevity Record

With the aim of getting the ball rolling in the emerging longevity industry, Dmitry Kaminskiy announced a \$1 million prize for the first person to reach the age of 123 - just 6 months longer than the current record holder, Jeanne Calment, who achieved 122 years and 6 months age.

Life record of 122.5 by Jeanne Calment

☰ Forbes

9,115 views | Apr 21, 2015, 12:40 pm

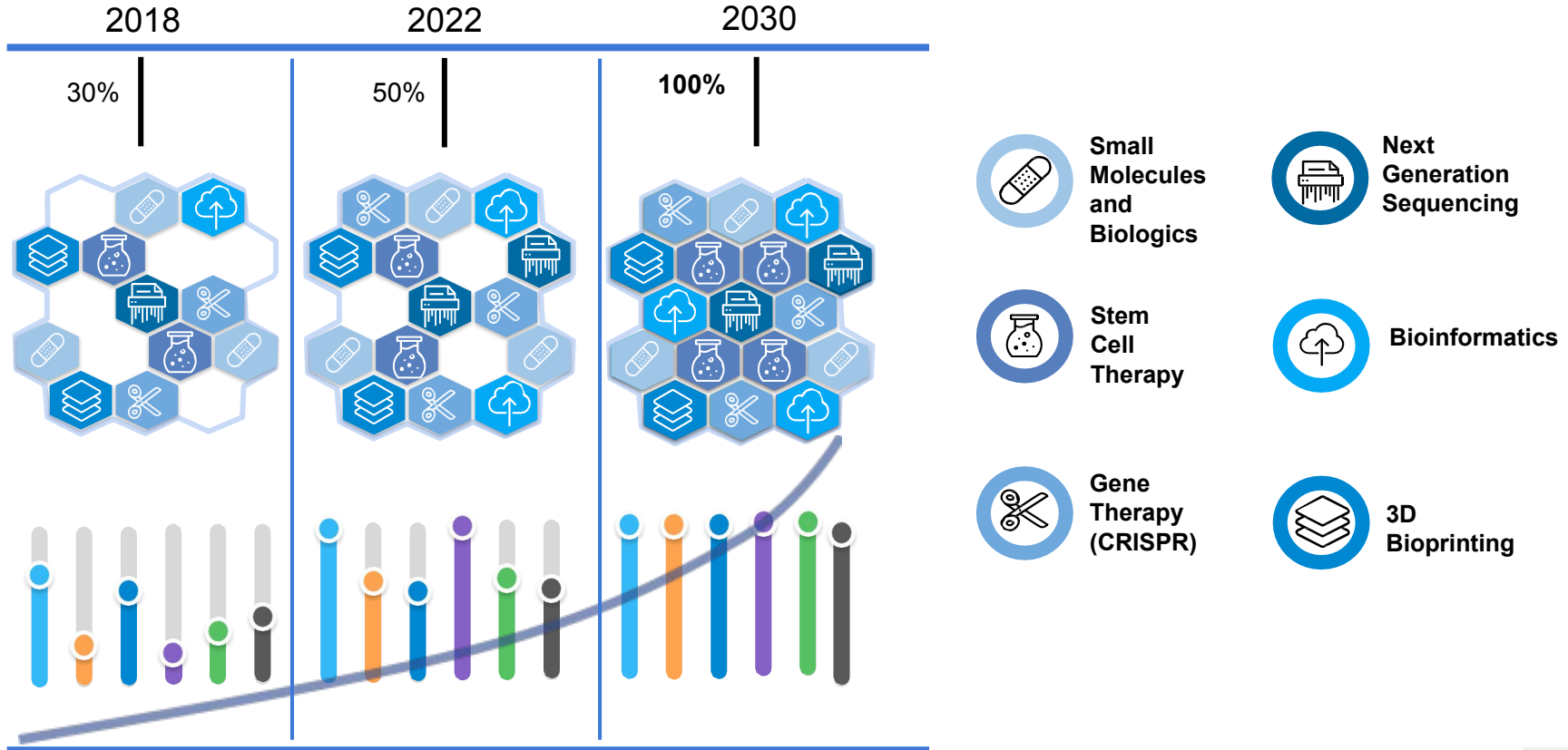
Venture Capitalist Promises \$1M To First Person To Reach 123rd Birthday

Sarah Hedgecock Forbes Staff
Pharma & Healthcare

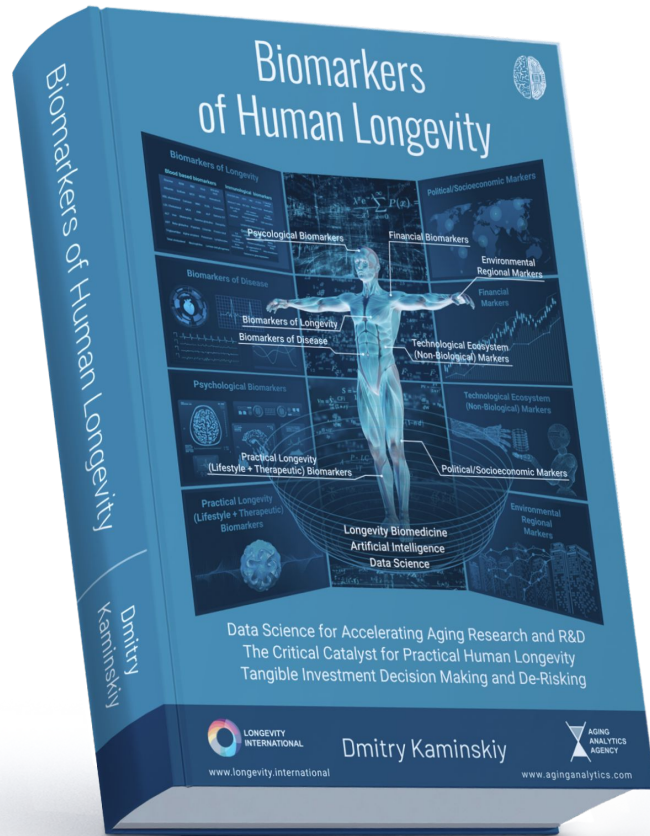
Venture capitalist Dmitry Kaminskiy thinks he has what it takes to lengthen people's life spans: a million-dollar prize, which he will award to the first person to beat the current longevity record and reach his or her 123rd birthday.



De-Risking Longevity Investments via Technology Readiness Levels (TRLs) and Tangible Validated Forecasting of Market Readiness



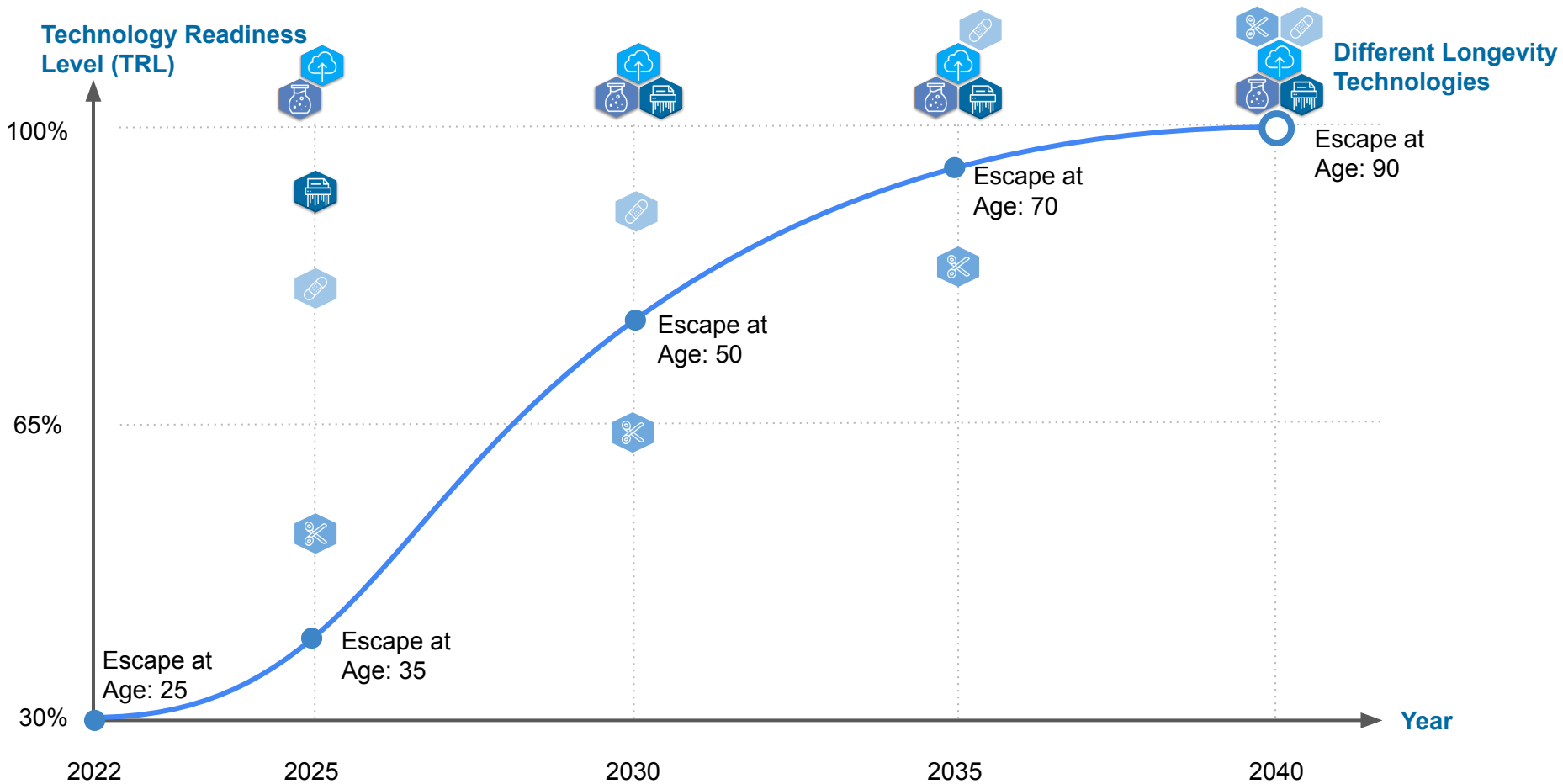
Biomarkers of Human Longevity Book



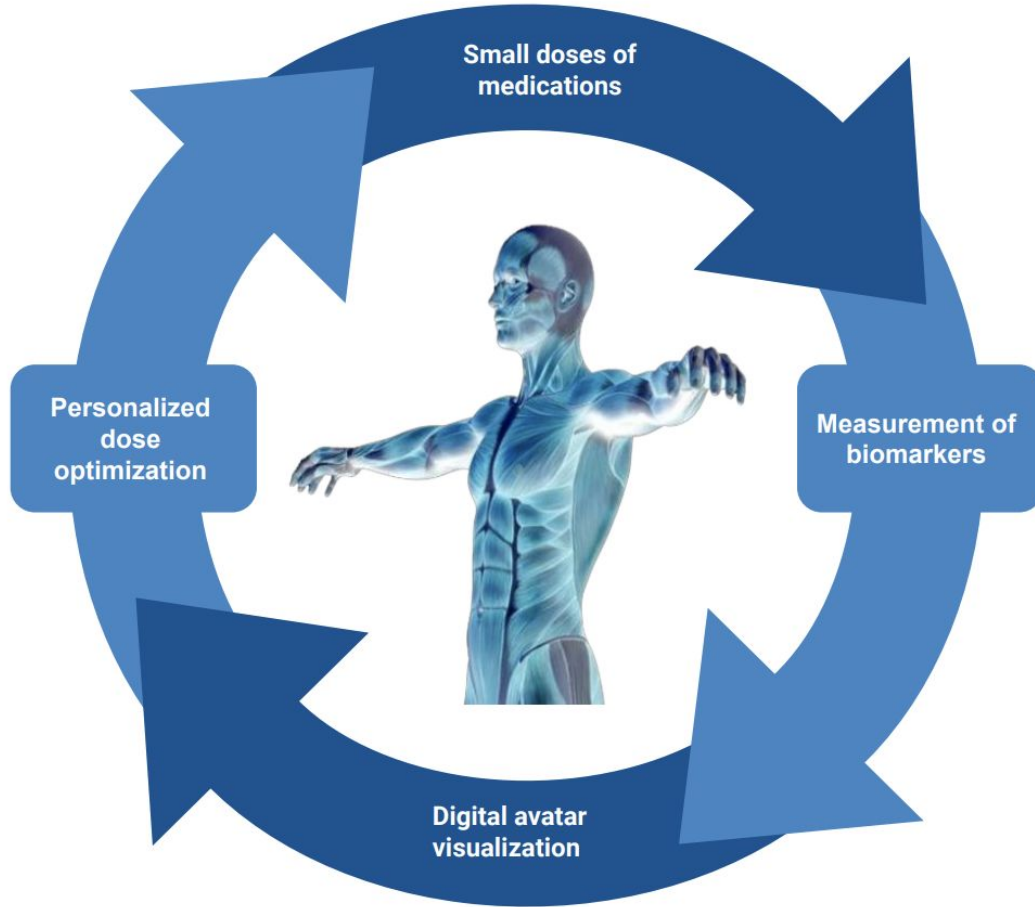
Data Science for Accelerating Aging Research, The Critical Catalyst for Practical Human Longevity and Tangible Investment De-Risking

- Modern Tools for Investment De-Risking, Accelerating R&D, Safe Self-Experimentation
- Tangible Metrics and Frameworks for Company Valuation and Due Diligence and the Shift from Model Organism (Mouse) Validation to Human Validation
- Longevity Economy 2.0 – Biomarkers of Human Longevity as Major Catalyst to Increase
- Investments and Ensure Sustainable Growth of Longevity Financial Sector
- DeepTech Engineering Towards the Concept of Digital Human Avatar 1.0, 2.0, 3.0 and 4.0

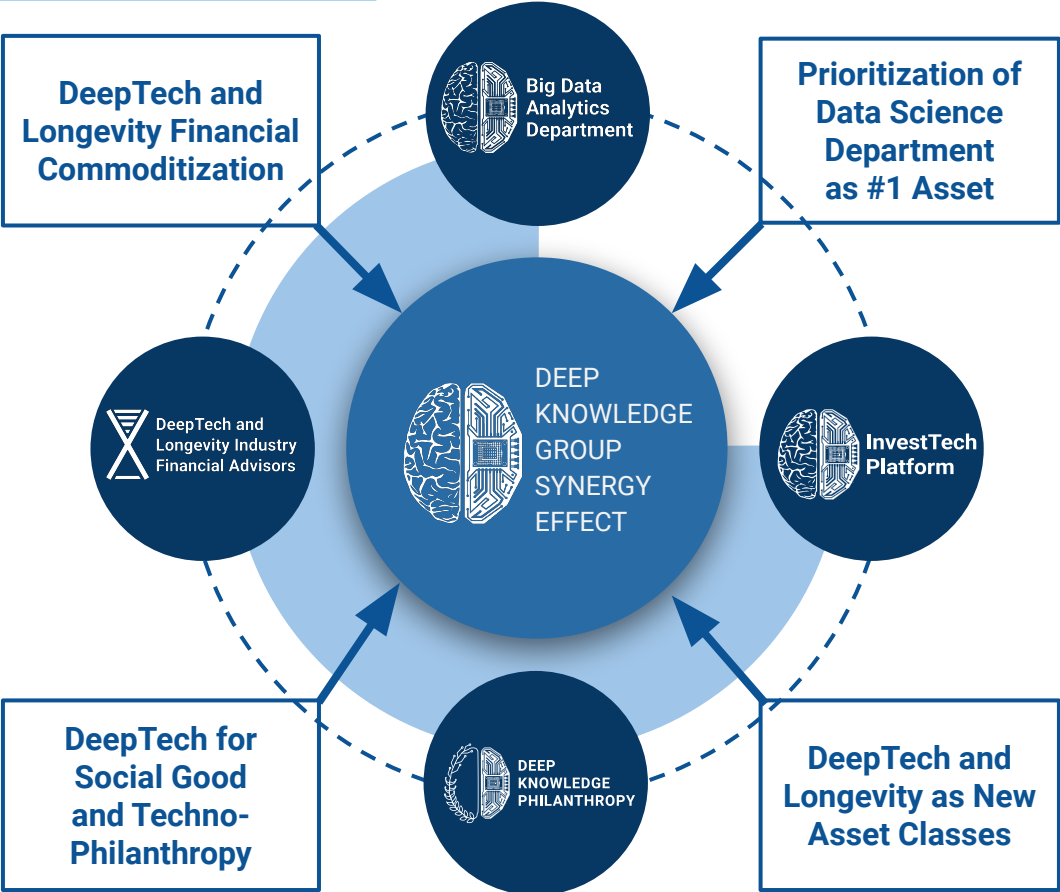
Longevity Escape Velocity at Different Biological Age Landmarks



Achieving Longevity Escape Velocity by 2030



Deep Knowledge Group Outlook for 2023 and Beyond



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- DeepTech Big Data Analytical System 2.0
- Long-Term Technological Forecasting System



InvestTech Platform
www.invest-platform.tech

LONGEVITY CARD
www.longevity.cards

ATLAS
www.at-las.org

AGING ANALYTICS AGENCY
www.aginganalytics.com

FemTech Analytics
www.femtech.health

DeepTech and Longevity Industry Financial Advisors
www.longevity.finance

Big Data Analytics Department
www.deep-innovation.tech

DEEP KNOWLEDGE PHILANTHROPY
www.deep-knowledge.org

DEEP KNOWLEDGE ANALYTICS
www.dka.global

DEEP PHARMA INTELLIGENCE
www.deep-pharma.tech

Deep Knowledge Group remains open to dialogue, partnership proposals and other forms of collaboration and cooperation on the topics of Longevity and DeepTech with like-minded individuals and organizations across finance, investment, technology, science, governance, policy and philanthropy

www.dkv.global

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