



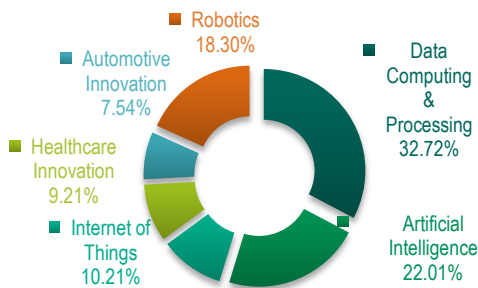
NASDAQ YEWNO GLOBAL INNOVATIVE TECHNOLOGIES EX DISPUTABLE ACTIVITIES EUR ER 5% INDEX

MARKETING COMMUNICATION | FOR PROFESSIONAL CLIENTS ONLY | AUGUST 2021

WHY INVEST IN THE INDEX?

The **Nasdaq Yewno Innovative Technologies Index** is a rules based Index aiming to generate positive returns by providing exposure to **100 stocks of leading companies** that are positioned at the forefront of innovation in the world by **investing extensively in 6 innovative fields**

INDEX COMPOSITION



EXAMPLES OF INDEX COMPOSITION

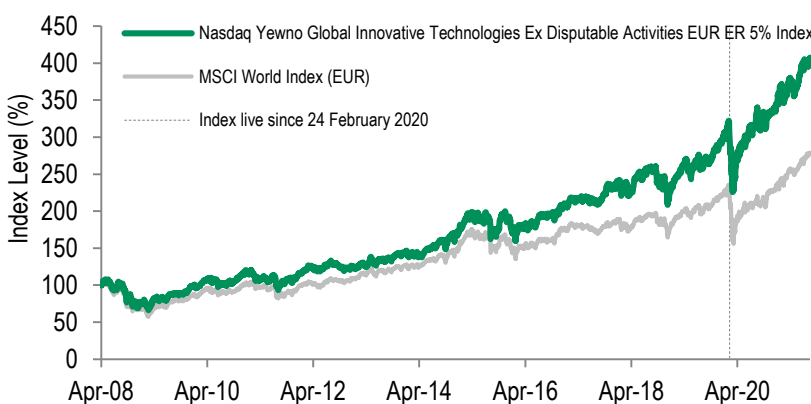
- **Microsoft Corp, Apple Inc., Amazon.Com Inc** in the Data computing and Processing theme belong to the **top 10 organizations which received the most patent grants from the USPTO in 2019**¹.
- In Artificial Intelligence theme, **Samsung Electron Rg**, the world largest active patents holder²-has the **third highest number of AI-related patents in the world with 11,243 AI-related patents**³.
- **VISA, MASTERCARD INC and PAYPAL** are among top creative companies in the Internet of Things theme with patent grants in Mobile payments.
- **Johnson & Johnson**'s innovation include ophthalmic devices with electronic elements.
- In the Automotive Innovation theme, **BYD -H-** was on the top 5 companies in the China National rankings with over **2,000 patents** issued domestically and internationally⁴.



« Those who disrupt their industries change consumer behaviour, alter economics, and transform lives »

-Heather Simmons - Author of Reinventing Dell

INDEX PERFORMANCE - SIMULATIONS UNTIL 23 FEBRUARY 2020



Apr. 08 – Aug. 21	Nasdaq Yewno Innovative Technologies Ex Disputable EUR 5% Index	MSCI World Index (EUR)
Annualised Performance	11.07%	7.95%
Annualised Volatility	18.58%	17.07%
Sharpe Ratio	0.60	0.47
Max Drawdown	-38.50%	-45.82%

Currency	Type of index	Bloomberg code	Reuters code	Launch Date
EUR	Adjusted Return	NYGITXE5 Index	. NYGITXEE5	24 February 2020





Sources: BNP Paribas, Bloomberg as of 31 August 2021. Performances of NASDAQ Yewno Global Innovative Technologies Ex-Disputable EUR ER 5% Index in EUR. Simulations from 18 April 2008 to 23 February 2020, historical data thereafter. Comparative index: MSCI World Index, Bloomberg Code: <MXWO Index>, rebased using historical data. Simulated or historical past performance is not an indicator of future performance. ¹2019 Patent Rankings and Trends, ificlaims.com. USPTO: US Patent and Trademark Office. ²IFI 250: Largest Global Patent Holders, ificlaims.com as of 02 January 2020. ³AI-related patents from 2008 to 2018 of German market research firm Iplytics. Reuters as of 02 April 2019. ⁴BYD Ranks in Top 5 for Chinese Patents Awarded, en.byd.com as of 01 August 2020.

THE STRATEGY IN A NUTSHELL

METHODOLOGY

	Nasdaq Global Index ⁵	~9000 Stocks
	Most Innovative Companies from the 25 Technologies Sub-Themes ⁶	~180 Stocks
	Controversial Activities Filtering	~165 Stocks
	TOP 100 BY MARKET CAPITALISATION	100 Stocks

CHARACTERISTICS

	Market Cap-Weighted With a minimum weight of 0.25% for each constituent		Adjusted Return⁷ A synthetic dividend of 5% is subtracted from the net return ⁸
	Consolidated and Sponsored By Nasdaq , the owner of Nasdaq Technology Index, the most renowned Benchmark in the world for technologies		Quarterly Rebalancing On the third Friday in January, April, July and October

Source: BNP Paribas as of September 2020, for illustrative purpose only. ⁵Nasdaq Global Index or any security listed on Nasdaq, NYSE or NYSE American outside of the Nasdaq Global Index. ⁶Companies that invest the most into innovative technologies, both compared to their other investments and the industry wide investments. ⁷It means that the index will have a lower value than it would have if there was no annual fee. ⁸Net dividends are reinvested in the index.

A SMART ACCESS TO THE WORLD OF TECHNOLOGY INNOVATIONS...



ARTIFICIAL INTELLIGENCE

Annual worldwide revenue is expected to grow from \$3.2b in 2016 to **\$89.8b** by 2025. *Tractica research, Q4 2019*



HEALTHCARE INNOVATION

The **Human Augmentation Market** is projected to reach a total market size of **\$206.9b** by 2024, from \$70.9b in 2019¹. The **bioinformatics market** is projected to reach **\$18.233 million** by 2021 from \$6.389 million in 2017².

¹Marketsandmarkets research as of November 2019. ²Allied Market Research as of March 2019.



ROBOTICS

The **3D printing market** was valued at **\$11.58b** in 2019 and is expected to grow at a CAGR exceeding 14% from 2020 to 2027¹, the **drones market** was valued at **\$5.80b** in 2018 with an anticipated CAGR of 56.5% from 2019 to 2025 while the global **nanotechnology market** should reach **\$90.5b** by 2021².

¹Grand View Research "3D Printing Market Size & Share" as of February 2020 and "Commercial Drone Market Size" as of June 2019. ²BBC Research as of November 2016.



INTERNET OF THINGS

About **43b** more connected things will be connected by 2023¹. Spending on IoT was \$726.4b in 2019 and is forecast to reach up to **\$1.12 trillion** in 2023².

¹McKinsey & Company "Growing opportunities in the Internet of Things", July 2019. ²idc.com as of June 2019.



AUTOMOTIVE INNOVATION

In a high-disruption scenario, the overall automotive market is projected to hit **\$6.7 trillion** by 2030, with **\$1.5 trillion revenues generated from new services** in which almost **30%** will be driven by **emerging technology**.

MCKinsey&Company "Automotive revolution –perspective towards 2030", January 2016



DATA COMPUTING & PROCESSING

Worldwide revenues for big data and business analytics was valued at **\$37.34b** in 2018. Revenues will be more than **\$105.08b** by 2027 with a CAGR* of 12.3% from 2019 to 2027.

Research and Markets "Big data analytics industry report 2020" as of 02 March 2020
*Compound Annual Growth Rate

... THROUGH YEWNO FINANCE ARTIFICIAL INTELLIGENCE TECHNOLOGY FILTERING

Making use of Yewno's AI-Augmented system, the index analyses the extent to which a company has intellectual property and invests in research and development through their **patent data** linked to **6 innovative technologies** (Artificial Intelligence, Robotics, Automotive Innovation, Healthcare Innovation, Internet of Things and Data Computing & Processing), comprising **25 sub-themes**.

Nasdaq then considers the **Top 25%** companies in each sub-theme, according to Yewno's Pure and Contribution scores, for the next step in the selection process.

- **Pure score:** number of patents in a particular sub-theme as a percent of all patents by a given company;
- **Contribution score:** number of patents identified as part of a sub-theme for a given company as a percent of all patents from all companies for a given sub-theme.

Source: Yewno as of September 2018

... AND THE OEKOM/ ISS ETHIX'S DISPUTABLE ACTIVITIES SCREENING

As determined by Oekom/ISS Ethix, companies are not eligible if they derive **more than 5%** of their revenue from the following activities:



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