



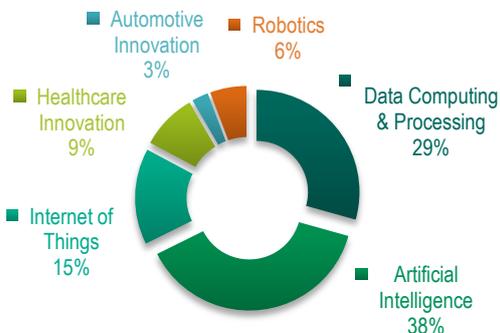
# NASDAQ YEWNO GLOBAL INNOVATIVE TECHNOLOGIES ER INDEX

MARKETING COMMUNICATION PRODUCED FOR INFORMATION PURPOSES AND FOR THE EXCLUSIVE USE OF PROFESSIONAL CLIENTS | APRIL 2022

## 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

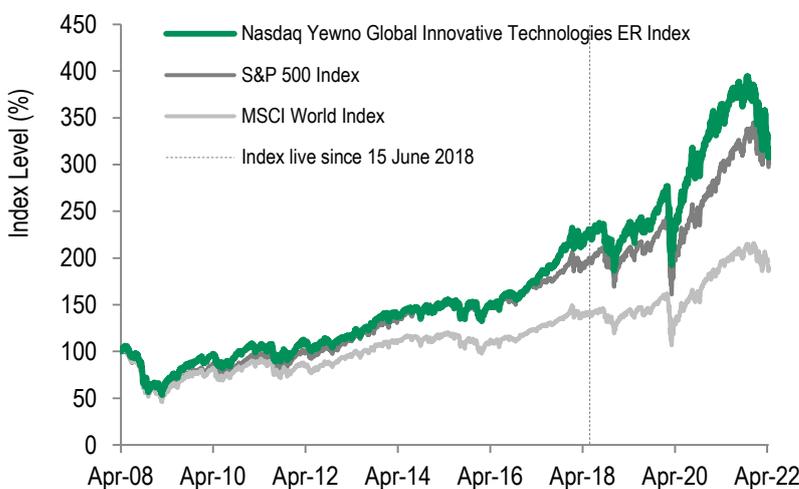
- **Microsoft Corp, Apple Inc., Amazon.Com Inc** in the Data computing and Processing theme belong to the **top 10 organizations which received the most patent grants from the USPTO in 2019<sup>1</sup>**.
- In Artificial Intelligence theme, **Samsung Electron Rg**, the world largest active patents holder<sup>2</sup>-has the **third highest number of AI-related patents in the world with 11,243 AI-related patents<sup>3</sup>**.
- **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 internationally<sup>4</sup>.



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

*-Heather Simmons - Author of Reinventing Dell*

## INDEX PERFORMANCE - SIMULATIONS UNTIL 14 JUNE 2018



	Nasdaq Yewno Innovative Technologies Index	S&P 500 Index	MSCI World Index
Apr.13 – Apr. 22			
Annualised Performance	8.33%	8.07%	4.51%
Annualised Volatility	18.22%	20.66%	17.75%
Sharpe Ratio	0.46	0.39	0.25
Max Drawdown	-49.70%	-52.58%	-55.88%

Sources: BNP Paribas, Bloomberg as of 30 April 2022. Performances of NASDAQ Yewno Global Innovative Technologies ER Index in USD. Simulations from 19 April 2013 to 14 June 2018, historical data thereafter. Comparative indices: S&P 500 Index, Bloomberg Code: <SPX Index> and MSCI World Index, Bloomberg Code: <MXWO Index>, rebased using historical data. Simulated or historical past performance is not an indicator of future performance. <sup>1</sup>2019 Patent Rankings and Trends, ificlaims.com. USPTO: US Patent and Trademark Office. <sup>2</sup>IFI 250: Largest Global Patent Holders, ificlaims.com as of 02 January 2020. <sup>3</sup>AI-related patents from 2008 to 2018 of German market research firm Iplytics. Reuters as of 02 April 2019. <sup>4</sup>BYD Ranks in Top 5 for Chinese Patents Awarded, en.byd.com as of 01 July 2020.

## THE STRATEGY IN A NUTSHELL

### METHODOLOGY

-  **Nasdaq Global Index<sup>5</sup>** ~9000 Stocks
-  **Most Innovative Companies from the 25 Technologies Sub-Themes<sup>6</sup>** ~180 Stocks
-  **TOP 100 BY MARKET CAPITALISATION** 100 Stocks

### CHARACTERISTICS

-  **Market Cap-Weighted**  
With a **minimum weight of 0.25%** for each constituent
-  **Adjusted Return<sup>7</sup>**  
A **synthetic dividend of 3%** is subtracted from the net return<sup>8</sup>
-  **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 August 2020, for illustrative purpose only.

## 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*



### 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 2027<sup>1</sup>, 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 2021<sup>2</sup>.

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



### 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*



### HEALTHCARE INNOVATION

The **Human Augmentation Market** is projected to reach a total market size of **\$206.9b** by 2024, from \$70.9b in 2019<sup>1</sup>. The **bioinformatics market** is projected to reach **\$18.233 million** by 2021 from \$6.389 million in 2017<sup>2</sup>.

<sup>1</sup>Marketsandmarkets research as of November 2019. <sup>2</sup>Allied Market Research as of March 2019.



### INTERNET OF THINGS

About **43b** more connected things will be connected by 2023<sup>1</sup>. Spending on IoT was \$726.4b in 2019 and is forecast to reach up to **\$1.12 trillion** in 2023<sup>2</sup>.

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



### 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*

Currency	Type of index	Bloomberg code	Reuters code	Launch Date
USD	Adjusted Return	NYGITE Index	. NYGITE	15 June 2018

<sup>5</sup>Nasdaq Global Index or any security listed on Nasdaq, NYSE or NYSE American outside of the Nasdaq Global Index. <sup>6</sup>Companies that invest the most into innovative technologies, both compared to their other investments and the industry wide investments. <sup>7</sup>It means that the index will have a lower value than it would have if there was no annual fee. <sup>8</sup>Net dividends are reinvested in the index.



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