

# IDEANOMICS

DIGITIZING TOMORROW



*Research & Study Notes IDEX: Ideanomics. Created by Murdock Creative Investments*

<https://ideanomics.com/>

# Company Portfolio & Direct Investments



## **A Marketplace that Serves Issuers, Investors, Market Makers and Brokers**

Ideanomics acquired a majority stake of DBOT in May 2019. DBOT fulfills Ideanomics' strategic vision of combining a regulated and compliant platform to address traditional financial instruments with the capability of servicing digital assets. This acquisition enables Ideanomics to provide comprehensive global financial services with full-scale capabilities for the whole range of current and future financial products.



## **Nextgen Vehicles and Technology ETF**

EKAR tracks the Innovation Labs Next Generation Vehicles Index, which identifies companies involved with “next generation” vehicles — generally, electric or autonomous vehicles — using a natural language processing (NLP) algorithm to scan large volumes of textual data, media platforms and databases. Companies are sorted into one of four categories: battery producers (miners, chemical suppliers or manufacturers), original equipment manufacturers (design, manufacture, or distribution of next-gen vehicles), suppliers (parts and components) and semiconductor and software companies (sensors, mapping or driving policy).



## **Global Headquarters for Technology and Innovation**

Fintech Village in West Hartford, Connecticut will serve as a world-class center of excellence, leveraging the best of breed developments in high-technology. This 58-acre state-of-the-art campus is designed to be smart/IoT-enabled and features high-tech/SaaS labs/office space, mixed residential and retail components, and five acres of indoor public space. Fintech Village will foster a pipeline of technological excellence in fintech, regtech, cybersecurity, insurtech, tradetech, consumertech, healthtech, agritech, and sports betting. Ideanomics unveiled the campus design plans in July 2019. Following remediation and permitting processes, the company expects to begin construction in the Spring of 2020.



## **AI-driven SaaS and PaaS Solution Provider for the Financial Industry**

Ideanomics' AI service and solutions offering was rebranded in April 2019 as Intelligenta. As part of its rebranding, Ideanomics restructured its joint venture with BBD, and leader in dynamic ontology-based artificial intelligence and machine learning solutions for financial data worldwide. With over 20 proven AI-driven SaaS and PaaS solutions, Intelligenta has been deployed in Asia over the past several years and began marketing its services in the U.S. in 2019. Its products provide financial services clients with deeper insights that improve decision making, risk management, client retention and growth, and other efficiencies that drive significant ROI.

# Company Portfolio & Direct Investments



## Using Smart Contracts to Redefine Ownership

Liquefy translates the rights of beneficial owners into pre-designed smart contract templates for different asset classes, converting illiquid assets into digital tokens. Through its tokenization platform, illiquid assets can be traded on exchanges, have fractional ownership, and access global investors – all with automated compliance. The company's primary focus is real estate with future ambitions to enter the exotic asset space, such as sports teams and racing horses. In July 2019, Ideanomics and NEO Global Development led a \$2.6M Pre-A funding round. Liquefy's capabilities complement Ideanomics' existing suite of products and services given Liquefy's advanced and compliant digital tokenization platform.



## Smart Devices For Manufacturing

Logistorm improves efficiencies in industrial manufacturing and supply chains through its IoT technology and data analytics capabilities. It is part of the new wave of smart technology used to enhance manufacturing processes. In June 2019, Ideanomics merged Amer Global electronic parts supply chain business with Anbit Technology, a high-tech IoT company, Tianzhiwei, an end-to-end developer and manufacturer of smart electronics, and Robles, a supply-chain automation company. The merger left Ideanomics with a 10% stake in the newly formed, Hong Kong-based, Logistorm. The synergies between the constituent entities position Logistorm to become a transformative company in the industrial IoT industry. Ideanomics plans to take Logistorm public in the near future.



## Pioneering a New Way of Mobility

The first company to bring a true electric bike to Malaysia, Treeletrik provides a transportation option that is clean, safe and affordable, with advanced technology, EV innovations and minimal maintenance. Treeletrik's parent company, Tree Manufacturing, is the only licensed EV manufacturer in Malaysia. In March 2019, Ideanomics acquired a controlling stake in Tree Manufacturing. The combined organization accelerates the adoption and affordability of EV production, extending Treeletrik's portfolio from EV mopeds and bikes to EV buses, trucks, cars, and light rail. The expanded vehicle product line serves the 650 million people in the ASEAN region including Malaysia, Cambodia, Vietnam, Philippines, Indonesia, Laos, Singapore, and Brunei.

# IDEX - Company Facts



- ▶ IDEX is focusing on the EV market in China. A huge new trend.
- ▶ IDEX also has a 1M sq ft facility for EV cars that will open this summer in China.



- ▶ The MEG Center in Qingdao is a 1 million sq ft EV expo center with the capacity to hold 18,000 vehicles. The official ribbon-cutting ceremony will be held later this summer.



- ▶ Original founder part owner of WWE in US.
- ▶ Current owner is a Chinese billionaire. His wife is ranked Forbes 100 most powerful women in America. She was chosen to represent China as the ambassador for Beijing's bid for the 2008 Olympic Games
- ▶ Current CEO sold his company to AOL.
- ▶ Current CFO is Conor McCarthy who was CFO of GFI Group - a brokerage firm doing \$1B and publicly traded

# IDEX - Company Facts

IDEX entered a partnership with Business Big Data PTE. The seven key development areas for new infrastructure construction are:

- ▶ 5G
  - ▶ UHV
  - ▶ Intercity highways and Intercity rail transit
  - ▶ New energy vehicle charging stations
  - ▶ Big data centers
  - ▶ Artificial intelligence
  - ▶ Industrial internet.
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- ▶ Zhu Jun leads their energy group. Zhu was a general manager for Zhejiang Kangsheng Co. Ltd another \$1.8B company.

# IDEX – Company Facts



- ▶ IDEX informed investors about an action plan from the Chinese State Council to accelerate the country's adoption of electric vehicles.
- ▶ The New York-based company has offices in Beijing, including its electric vehicle division, Mobile Energy Global.
- ▶ The State Council, China's primary administrative authority, issued what it called the Three-Year Action Plan for the Battle of the Blue Sky, an acceleration of its original environmental Big Sky Plan from 2018.

## Ideanomics' electric vehicle division eyes Chinese government initiative to increase EV adoption

The agreements from each region, according to the company, are as follows:

- **Inner Mongolia:** Plan to promote the application of 100,000 new energy vehicles throughout the region.
- **Shandong Province:** All buses will be replaced with new energy vehicles by the end of 2020. The broader target is for the number of clean energy vehicles to reach 500,000 in 2022.
- **Jiangsu Province:** Plans to promote the adoption of 250,000 clean energy vehicles. By the end of 2020, charging infrastructure to support 200,000 electric vehicles will be in place. Ideanomics' MEG is actively involved in this effort through its charging station initiative with PetroChina in Nanjing – a major city in Jiangsu province.
- **Guangdong Province:** By the end of 2020, new energy buses in Guangdong will account for more than 75% of all buses, and all Pearl River Delta cities will commence electrification adoption plans in 2020. Taxis in the Pearl River Delta are mandated to use new energy vehicles, of which pure electric vehicles will account for no less than 80% and increase by 5 percentage points year by year.
- **Hainan Province:** Electrification of the entire island by 2030. Hainan has introduced legislation banning the sale of fossil fuel vehicles by 2030, to ensure adoption of new energy vehicles within the island.
- **Sichuan Province:** Legislation has been passed to ban fossil fuel trucks in city centers. The city of Chengdu has assumed a leadership role in the promotion and application of new energy vehicles in the logistics and distribution industries. From 2017, Chengdu phased in the gradual reduction of fossil fuel cargo vehicles into the city over three years.
- **Guangxi:** The promotion of all new passenger cars as new energy vehicles. All passenger vehicles in national scenic spots and national tourist attractions must use new energy vehicles, through either replacement or conversion. Municipalities, enterprises, public institutions, sanitation, logistics, postal, and airport commuting areas are mandated to all procure only electric vehicles as fleet renewals occur.

MEG has established relationships with leading manufacturers in the country, enabling it to meet the rapidly increasing demand for commercial EVs. Additionally, it has established a consortium of financial partners to allow fleet operators to secure large purchases. The plan to fast-track conversion to EVs will highlight MEG's strengths, the company said, and further solidify its position as a critical facilitator in the EV ecosystem.

**Source:** <https://www.proactiveinvestors.com/companies/news/917776/ideanomics--electric-vehicle-division-eyes-chinese-government-initiative-to-increase-ev-adoption-917776.html>

# IDEX - Company Facts



- ▶ Ideanomics says MEG division forges strategic alliance with smart travel tech leader Qinou to rev up electric taxi sales  
The partnership is expected to drive projected sales of 30,000 units by 2023 valued at approximately 4 billion renminbi (\$562 million) Source: <https://www.proactiveinvestors.com/companies/news/920280/ideanomics-says-meg-division-forges-strategic-alliance-with-smart-travel-tech-leader-qinou-to-rev-up-electric-taxi-sales-920280.html>
- ▶ Treeletrik is looking to IPO in 2020 a company IDEX has a 51% ownership in. land alone at Kuantan Pahang is worth \$25 million.  
Source: <https://www.prnewswire.com/news-releases/ideanomics-announces-updates-on-treeletrik-subsiary-plans-ipo-301021506.html>
- ▶ Fintech village land alone worth \$5-20 million



# IDEX - Company Facts



- ▶ Ideanomics has confirmed 33M sales just in May since launch.
- ▶ They have a 2300 taxi order
- ▶ They have a \$550M bus order
- ▶ They are financing over 100,000 buses. Ideanomics MEG Announces Order from Beijing Silk Road Rainbow Car Rental. \*Order totals approximately 4Billion RMB, or \$575 Million USD. \*Order is for 5,000 full-size EV buseS. \*Order is subject to lease financing via MEG and order fulfilment runs from 2020 through 2022.  
Source: <https://finance.yahoo.com/news/ideanomics-meg-signs-agreement-beijing-120000627.html>
- ▶ Ideanomics MEG and Beijing Silk Road Rainbow Group Develop New Energy Bus Plan and Select Manufacturers to Fulfill China Orders
- ▶ Update from the CEO of IDEX: They just opened a 1M Sq Ft Facility in China with over 18,000 Cars. In their first month, they did \$33M in sales, and expect more next month. Source: <https://youtube.com/watch?v=baCq9U25dMc..>
- ▶ The CEO goes onto say: Q2 is very strong. Paid down majority of their debt. Taken in some capital. Expects to have a strong Q2. Recently they announced their partnership with BBD. Asia's leading AI company in the financial services sector. China is investing very heavily into 5G, IOT, and Electric Vehicles.

# IDEX - Company Facts

- ▶ Ideanomics will help facilitate more than 2,000 EV bus orders in China. This is new news released today on top of all the other orders they have. The Chinese government mandated that bus operators must convert or replace their bus equipment with clean energy vehicles by the end Of 2022.
- ▶ Chinese government MANDATED that bus operators need to have clean energy vehicles by 2022. This means many people in China, especially large corporations, need to order Electric Vehicles as soon as possible.



# IDEX - Company Facts



- ▶ **\$250M order Heavy Mine Trucks**  
Source: <https://im-mining.com/2020/03/13/ideanomics-announces-250-million-electric-vehicle-order-including-1000-heavy-mine-trucks/...>
- ▶ **\$575M order - Beijing Silk Road Car Rental**  
Source: <https://prnewswire.com/news-releases/ideanomics-meg-announces-order-from-beijing-silk-road-rainbow-car-rental-301025063.html...>
- ▶ **\$30M total order Nissan Electric Taxi**  
Source: <https://proactiveinvestors.com/companies/news/921380/ideanomics-kicks-off-28m-nissan-electric-taxi-delivery-in-china-s-guanxi-province-921380.html...>
- ▶ **1M Sq ft facility did \$33M in the first month, expecting higher in June**  
Source: <https://finance.yahoo.com/news/over-2-100-vehicles-sold-123000247.html>
- ▶ **100,000 city buses over next few years - Vehicles + financing**  
Source: <https://finance.yahoo.com/news/ideanomics-meg-signs-agreement-beijing-120000627.html...>
- ▶ **\$2.5M small order**  
Source: <https://finance.yahoo.com/news/ideanomics-meg-secures-first-order-135400686.html...>
- ▶ **12,000 taxis ordered including Tesla**  
Source: <https://proactiveinvestors.com/companies/news/921616/ideanomics-says-meg-subsiary-taps-manufacturers-including-tesla-to-fulfill-orders-for-ev-taxis-in-china-921616.html...>
- ▶ **Ideanomics' MEG Signs Agreement with Beijing Xenning Green for EV Procurement and Financing**  
Source: <https://finance.yahoo.com/news/ideanomics-meg-signs-agreement-beijing-120000627.html>