

IDEANOMICS

Empowering the New Economy



**Q4 and FY 2020 Earnings
Summary**

NASDAQ: IDEX

March 31, 2021

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This presentation contains certain statements that may include 'forward looking statements' within the meaning of federal securities laws. All statements, other than statements of historical facts, included herein are 'forward-looking statements.' Although the Company believes that the expectations reflected in these forward-looking statements are reasonable, they do involve assumptions, risks and uncertainties, and these expectations may prove to be incorrect. You should not place undue reliance on these forward-looking statements, which speak only as of the date of this presentation.

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Key Financial Metrics

NASDAQ: IDEX	3/30/2021
Share Price	\$2.88
Market Cap	~\$1.20B
Avg. 10-day Trading Vol.	24,860,000
Cash and Equivalents	~\$330M



Ideanomics Overview

Nasdaq: IDEX

Ideanomics is a global company focused on industries experiencing technological disruption. It operates two divisions, Ideanomics Mobility and Ideanomics Capital. These divisions provide shareholders with access to disruptive, high-growth and momentum-based investment opportunities.

Ideanomics Mobility

Focused on the global EV market opportunity which is expected to grow to \$132.73 billion at a CAGR of 39.9% through 2022.¹

Ideanomics Capital

Focused on fintech and its disruptive impact across financial services, from financial markets through to mortgages where U.S. home sales are forecasted to grow 21.9% in 2021 (6.9 million homes).²

(1) <https://www.thebusinessresearchcompany.com/report/commercial-electric-vehicles-global-market-report>

(2) <https://www.zillow.com/research/zillow-2021-housing-predictions-28516/>



Ideanomics Mobility



The Global Commercial Vehicle Opportunity

2021 is the year commercial EVs become mainstream

Bloomberg NEF estimates that global commercial EV sales will reach 1.2 million units in 2023.¹

The global EV charging infrastructure market is expected grow at a CAGR of 33.4% from 2021 to 2028 to \$144.97 billion.²

Increased public support: Biden administration supportive of EV with a goal to achieve a 100% clean-energy economy; States such as CA have accelerated timelines to phase out ICE vehicles

(1) Bloomberg NEF
(2) Grand View Research



Trucks & Specialty Vehicles



Delivery Vehicles



**Taxis/
Ride-Sharing**



City & Tourism Buses



Capturing EV Adoption – Ideanomics' S2F2C Model

Ideanomics EV revenues are generated from its Sales to Financing to Charging (S2F2C) activities:



Vehicle & Battery Sales

Our own brands: Medici Motor Works, Treeletrik, and Solectrac which cover 3 key market segments

Other manufacturers vehicles and batteries, where we will earn spread-based revenues for wholesale purchasing



Finance, Leasing, & Insurance Services

Offering financial services to our fleet customers, delivering commissions and origination fee-based revenues



Charging & Energy Services

Sales of our WAVE wireless charging products

Sales of others charging apparatus

Revenue-share from partner charging networks

Charging as a Service

Battery swap programs



Ideanomics Mobility – A Shared Ecosystem

Through its subsidiaries and investments, Ideanomics Mobility is driving EV adoption by assembling a global ecosystem across the 3 key pillars of EV.



Vehicles



Charging



Energy

Each company manages and sells its own products, as well as benefiting in areas such as supply chain efficiencies, accelerated growth, and new business opportunities via a shared ecosystem.



Ideanomics Mobility

Global Platform for Commercial EV Adoption

Ideanomics Mobility
Products



Vehicles



Charging



Energy

Ideanomics Mobility
Services

Charging-as-a-Service

Vehicle-as-a-Service



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Battery Swapping

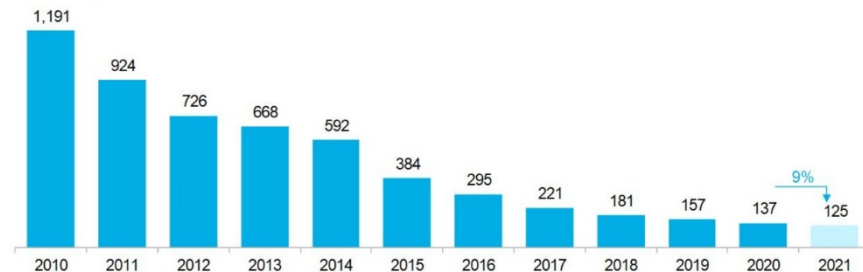
Range anxiety is always a concern when it comes to BEV, and in China we have seen a rise in battery swapping with programs from leading EV brands including NIO.

Battery Swapping

- Battery swapping have grown significantly in China with the help of government backed subsidies.
- More batteries than cars needed for this program, typically 1.8 batteries for every 1 vehicle.
- While alleviating the range anxiety concern, this ultimately puts stress on supply chain.
- Not efficient use of scarce resources, or capital.
- Swapping stations are like getting an oil change, will likely be defunct as battery tech improves.
- We have seen this firsthand with our MEG operations on the ground China over the past couple of years.

Battery Pricing

Battery pack price (real 2020 \$/kWh)





Only wireless charging truly addresses the market opportunity for autonomous vehicles

Proven wireless charging solution, active commercial installations, and Made in America

50kW - 380kW deployed & available, 500kW & 1mW progressive testing

2020 rev. \$7M+, active 2021 deployments & installations, bold 2022 outlook & beyond

Integrated Medici Motor Works vehicle programs available globally



Ideanomics



WAVE

Safer, more efficient technology for EV Charging

WAVE is a leading developer of inductive (wireless) charging solutions for medium and heavy-duty vehicles in the United States and has demonstrated the capability to develop and integrate high power charging systems onto buses and heavy-duty electric vehicles.



Medici's Competitive Advantage: PRICE

Through its relationships with OEMs, Medici will market cost-efficient vehicles across several commercial classes; aiming to save 15-20% of the purchase price versus its competitors.

Medici Motor Works

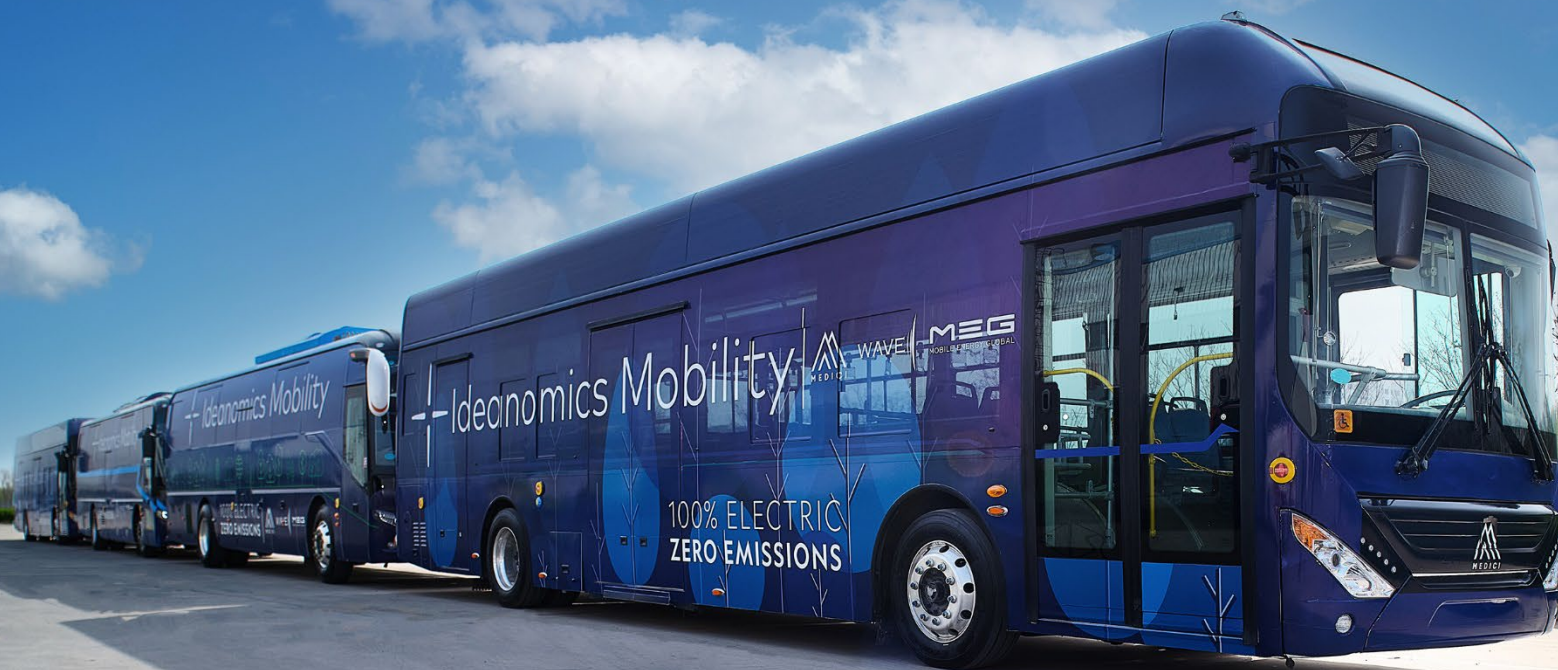
Cost-efficient New Energy commercial Vehicles

Medici is developing a line of zero-emission heavy trucks and buses, as well as other types of commercial vehicles, in partnership with leading OEMs.

Medici Motor Works anticipates its BEV vehicles will be ready for sale in North America in 2021 and beyond.



Our Buses and a Preview of Our New Brand Identity





Charging as a Service (CaaS)

Charging innovation is the fundamental difference between the US and Europe and China. Inductive charging will be more prevalent across the US and Europe.



01

Customers pay per mile to keep their EV fleet powered.

No need to worry about upfront investment in charging equipment, maintenance costs, or energy costs to power their fleet.



02

Inductive charging allows for the vehicles to top off charge rather than let battery drain and charge up.



03

WAVE charging delivers charging hands-free, and fully automated, and the fastest in-route time-to-charge available.



2021 initiatives to pursue the deployment of WAVE's inductive charging technology with our China based partners.





Treeletrik

Electric mopeds serving high-demand markets.

Large tranche-based purchase order received for Indonesia market. Targeting delivery of the 1st 10,000 units starting July 2021.

Battery-as-a-Service being deployed in Thailand for 2-wheelers, will expand pilot program to other countries.

North America marketing program starting in 2021.



Treeletrik

Right product and place for burgeoning delivery markets

Licensed pure-play EV manufacturer and distributor focused on high-growth ASEAN markets.



Ideanomics



ENERGICA

Sole manufacturer for the FIM Enel
MotoE™ World Cup

Ideanomics will leverage Energica's in-house battery and charging technologies through a commercial relationship with Treeletrik. Will also get access to global sales and distribution networks



Energica

100% electric high-performance motorcycles

Located in the Italian Motor Valley, Energica develops and sells High Performing Electric Motorcycles and system integration for electric vehicles



Ideanomics



Agriculture is a large market opportunity, not being addressed by broader EV market

Ideanomics is assisting Solectrac with capital investment, partnerships, market development, and supply chain efficiencies to accelerate their revenues.



Solectrac

100% electric tractors benefiting farmers, crops, and the planet

Located in Northern California, Solectrac develops and sells BEV tractors for agriculture and recreational markets.



Ideanomics Capital

TIMIOS

dbot
An Ideanomics Company

Liquefy

**T[®]
M2** Technology
Metals
Market

INTELLIGENTA



Technology platform creates transparency and efficiency in a fragmented market characterized by complex workflows

Difficult to obtain licenses creates high barriers to entry

Over 95% client retention rate over 10 years

\$60 Million+ in revenue for 2020



Timios

Bringing real estate processes to the 21st Century

Timios provides value-add, fee-based services addressing several critical requirements of the home buying and mortgage transaction value chain.





Q4 and FY 2020 Financial Highlights

\$166 million cash at year end and \$330 million today, providing a deep pool of capital for investment in our business

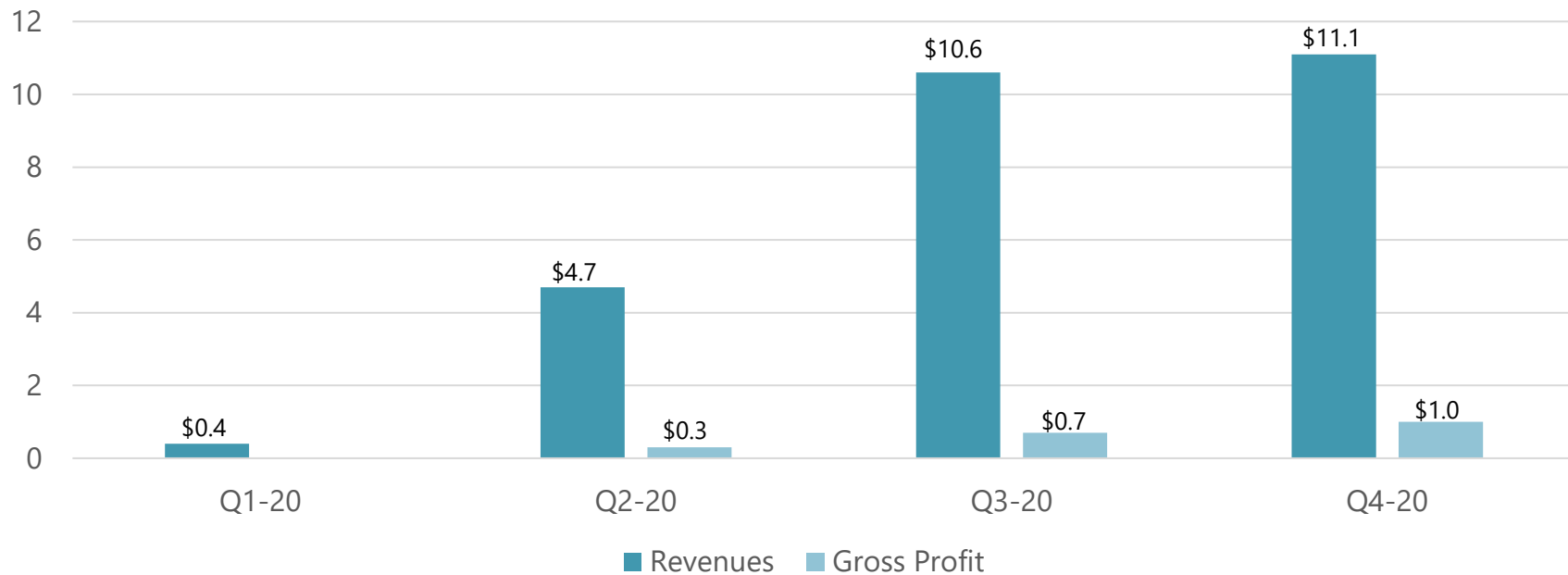
Sequential quarterly growth in our revenues during 2020

First sales of charging & battery systems - key element of our S2F2C business model



Q4 and FY 2020 Earnings Summary

(USD in millions)



Ideanomics' ESG Values



Committed to Social Impact

Participation in food drives and other local programs.



Committed to Diversity

Supporting Nasdaq's proposal for diversity in the workplace and at board level.



Committed to the Environment

Solectrac is planting thousands of trees in Pacific Northwest and Ideanomics will donate a tree for every EV unit sold via [OneTreePlanted.org](https://onetreepanted.org)



(photo:
onetreepanted.org)

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THANK YOU!

[Ideanomics.com](https://ideanomics.com)