GENERATE

Jigar Shah | November 2020

Leading the infrastructure transition

New infrastructure markets are market-ready



SUSTAINABLE **POWER**

Microgrids

Solar

Energy storage Efficient lighting

HVAC systems

Fuel cells

Geothermal

Biomass & biogas

Building automation & sensors

Heat pumps

Smart meters



SUSTAINABLE TRANSPORTATION

Electric vehicles

Hydrogen vehicles

Autonomous vehicles

Charging depots & infrastructure

Fleets



SUSTAINABLE WASTE & WATER

Anaerobic digesters

Wastewater treatment

Desalination

Food waste management

Recycling/reuse

Precision agriculture

Farm automation

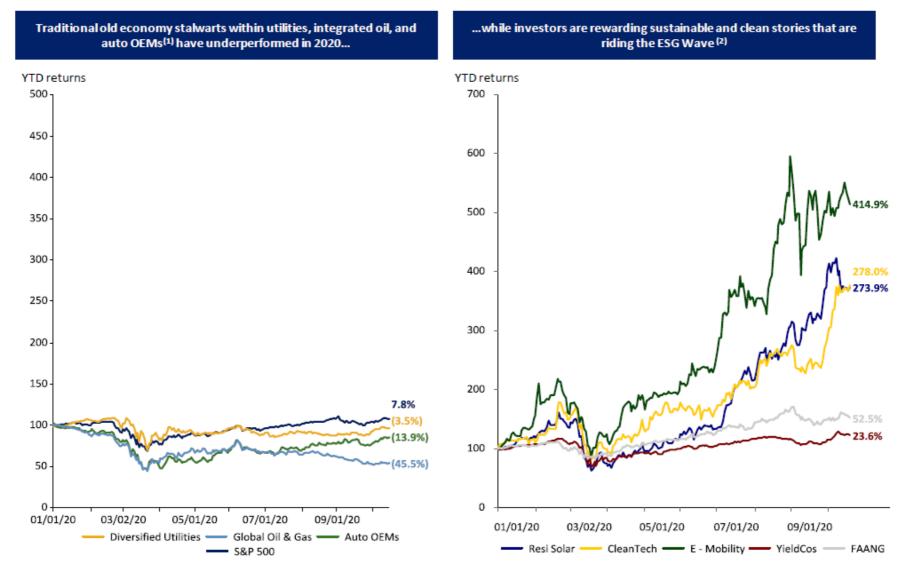
Irrigation

Sensors & meters



Clean economy outperformed old economy during COVID

Clean energy companies didn't have to use Federal Reserve funds for debt liquidity



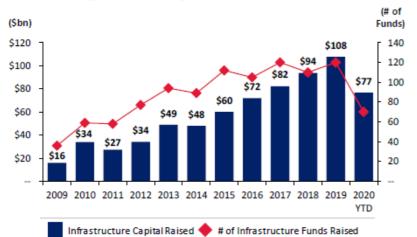
⁽¹⁾ Diversified Utilities: D, DUK, and SO; Global Oil & Gas: XOM and CVX; Auto OEMs: F and GM.

⁽²⁾ Resi Solar: NOVA, SPWR and RUN; CleanTech: BE, ENPH, PLUG and SEDG; E – Mobility: Tesla; YieldCos: AY, CWEN and NEP; FAANG: Facebook, Amazon, Apple, Netflix and Alphabet.

Allocation by private investors moving towards clean infrastructure

Infrastructure funds have gone from 2% in 2004 to 11% in 2020

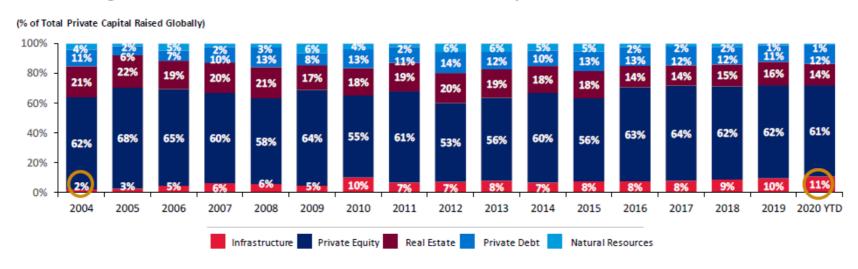
Fundraising Continuing to Accelerate...



...Leading to Record Levels of Infrastructure Dry Powder



...with a Long Term Increase Towards Infrastructure Allocation by Private Investors



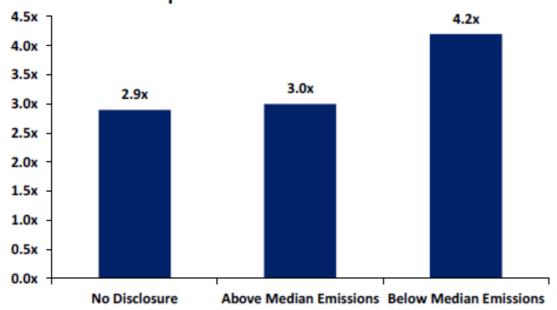
Source: Pregin

Note: 2020 YTD information as of October 2020.

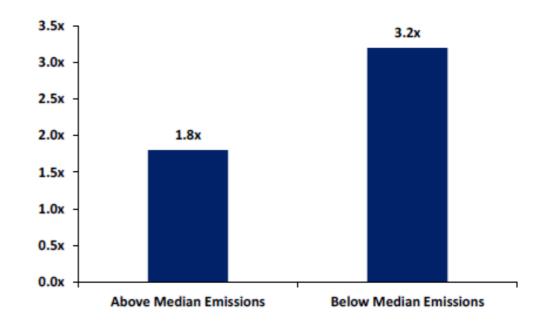
Stock market recognizes that carbon intensity is an indicator

Our platform partnerships launch a virtuous circle benefiting customers, partners, and the planet

S&P 500 Companies with Lower Emissions Trade at Higher Price to Book Multiples(3)



And the Same Occurs in the STOXX Europe 600⁽⁴⁾

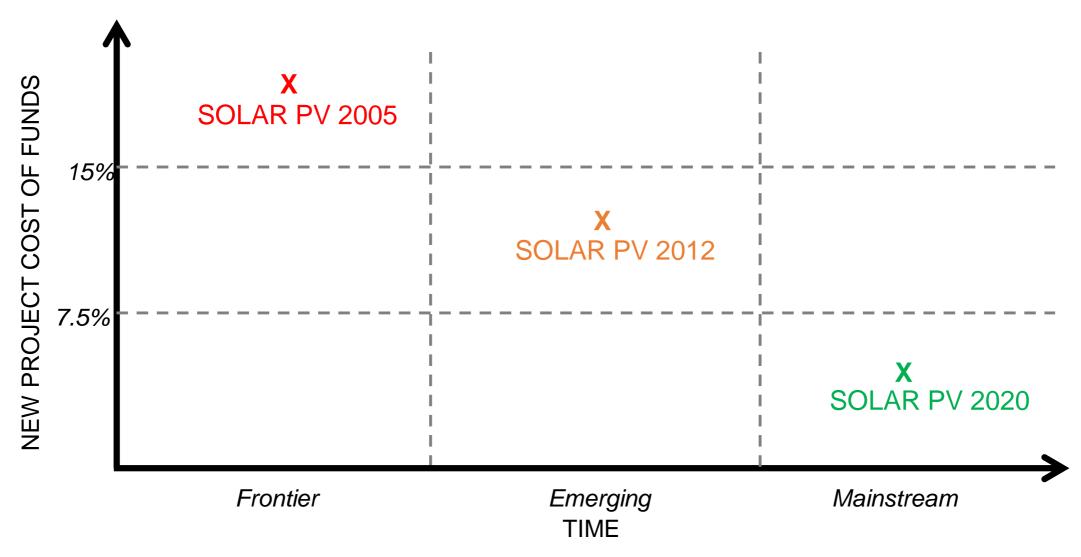


⁽³⁾ Source: BofA US Equity & Quant Strategy, Sustainalytics, Bloomberg, FactSet. Based on valuation data as of 6/30/2020 and CO2 data as of 1/2020.

⁽⁴⁾ Source: Source: BofA European ESG Research, Refinitiv, Bloomberg, Factset. Price to book multiple by carbon emissions relative to sector median for STOXX Europe 600 Companies; Based on valuation data as of 6/30/2020 and CO2 Data as of 1/2020.

Capital costs are reduced as the risk perception lowers

Infrastructure not R&D: Economies of scale and learning-by-doing make technologies cheaper



Over 90% of all electricity capacity added globally in 2020 will be clean

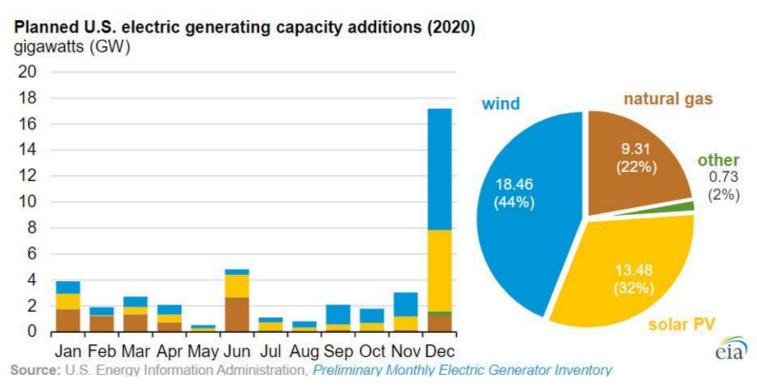
In the US, 75% of all electricity generation will be clean with roughly \$55B invested

Leveling Up Wind and solar accounted for 99% of U.S. renewable energy capacity investment in 2019 Biofuels Biomass & Waste Geothermal Marine Small hydro Solar Wind 60



2019

2004



Solar and wind provide the lowest cost electricity in most of the world

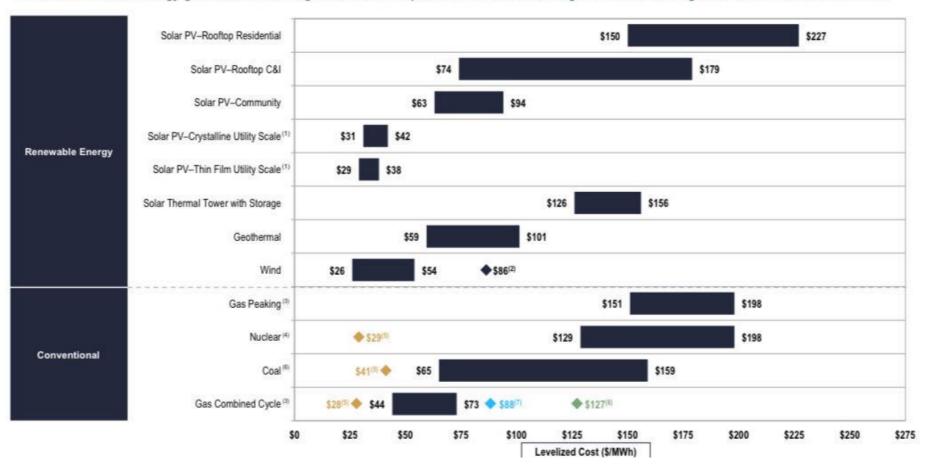
Even without any subsidies the Middle East, India, and China are deploying at scale

LAZARD

LAZARD'S LEVELIZED COST OF ENERGY ANALYSIS-VERSION 14.0

Levelized Cost of Energy Comparison—Unsubsidized Analysis

Selected renewable energy generation technologies are cost-competitive with conventional generation technologies under certain circumstances



Everything is bigger in Texas – solar/wind is 94% of the queue

The total peak electricity demand in Texas is 70GW

