



SolarEdge Technologies
Nasdaq | SEDG



Safe Harbor

Use of Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward looking statements include information, among other things, concerning: the expected impact of the COVID-19 pandemic and related public health measures on our business, results of operations, financial condition and liquidity; our possible or assumed future results of operations; future demands for solar energy solutions; business strategies; technology developments; new products and services; financing and investment plans; dividend policy; competitive position; industry and regulatory environment; general economic conditions; potential growth opportunities; and the effects of competition.

Forward-looking statements are only predictions based on our current expectations and are inherently subject to risks and uncertainties. They should not be considered guarantees of future results, which could differ materially from the results set forth in, contemplated by, or underlying this presentation.

Factors that could cause actual results to differ materially from our expectations are described in the reports filed by SolarEdge with the Securities and Exchange Commission and we encourage you to review our filings carefully, especially the sections entitled "Risk Factors" in our annual report on Form 10-K and our quarterly reports on Form 10-Q, noting that many of the risks, uncertainties and other factors identified therein are, and will be, amplified by the COVID-19 pandemic.

SolarEdge undertakes no duty or obligation to update any forward-looking statements contained in this presentation as a result of new information, future events or changes in its expectations.

This presentation describes non-GAAP revenues, gross margin, operating expenses, operating income, net income and non-GAAP net diluted earnings per share, which are not measures prepared in accordance with U.S. GAAP (i.e. "Non-GAAP" measures). The Non-GAAP measures are presented in this presentation as we believe that they provide investors with a means of evaluating and understanding how SolarEdge's management evaluates the company's operating performance. These Non-GAAP measures should not be considered in isolation from, as substitutes for, or superior to financial measures prepared in accordance with U.S. GAAP.

SolarEdge in Numbers

89.6M 
Power Optimizers
Shipped

34
Countries
Presence

420 Awarded
Patents and **419**
Additional Patent
Applications

>2.6M
Monitored systems
around the world

#1 
Solar
Inverter
Company*

~4,100
employees



3.7M
Inverters
Shipped 

31.6GW
of our systems
shipped worldwide

* Revenue wise - PV Inverter Market Tracker – Third Quarter 2021

Q1/2022 Financial Results

\$655.1M

GAAP Revenue



\$68.8M

Non-GAAP Net Income



27.3%

GAAP Gross Margin



\$163.0M

Cash used for Operations

\$333.1M

GAAP Net Income

\$979.0M

Cash, Deposits
and Investments,
Net of Debt



The Renewable Energy Opportunity

Tectonic shift in the energy market



Electrification



Decarbonization



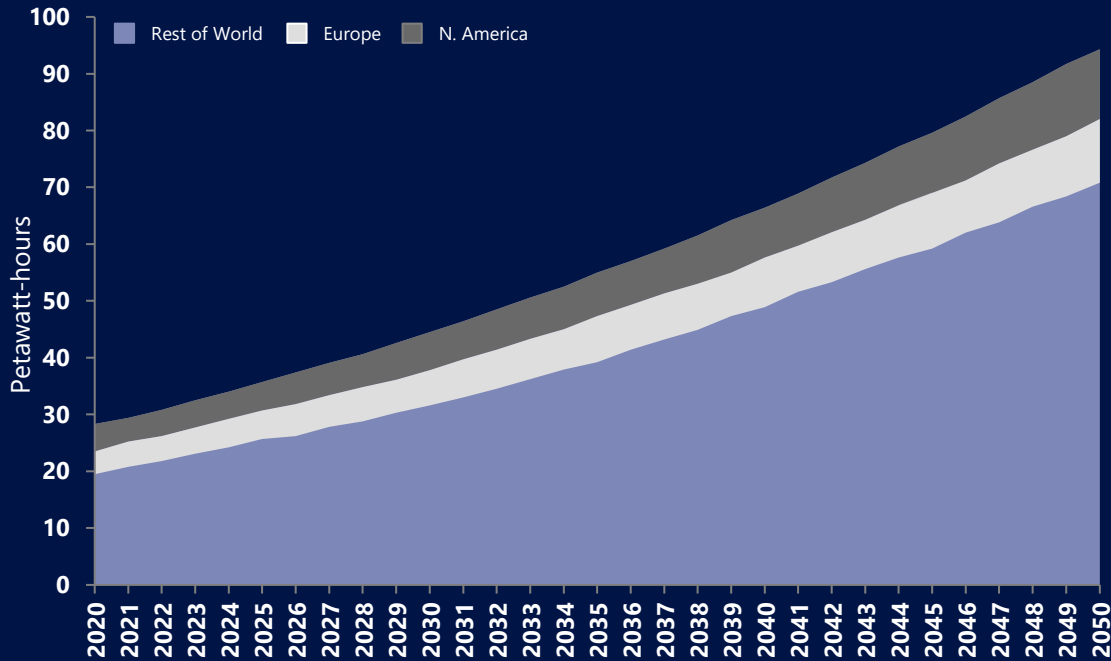
Decentralization

- Exponential growth in energy demand
- Transition from centralized, fossil fuel-based energy to clean, distributed, renewable, energy

Rapidly growing worldwide demand for electricity

Electricity Consumption*

Global electricity consumption expected to double by 2035 and more than triple by 2050



* "World Energy Needs" by Benjamin Deniston, Lyndon LaRouche Political Action Committee, (Nov-2020);

** United Nations Department of Economic and Social Affairs, The World Population Prospects 2019: Highlights

*** Net Zero by 2050 – A Roadmap for the Global Energy Sector; International Energy Agency (May 2021); UN 2017 Revision of World Population Prospects

Growing Energy Demand**



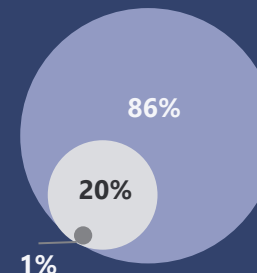
+2B people(+28%) 2020-2050



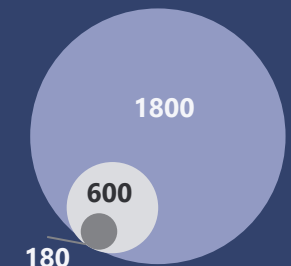
Urbanization to increase from 55% to **68%**
(+**2.4B** people)

Electrification of Areas Previously Dominated by Fossil Fuels***

Electric Vehicles Penetration (%)



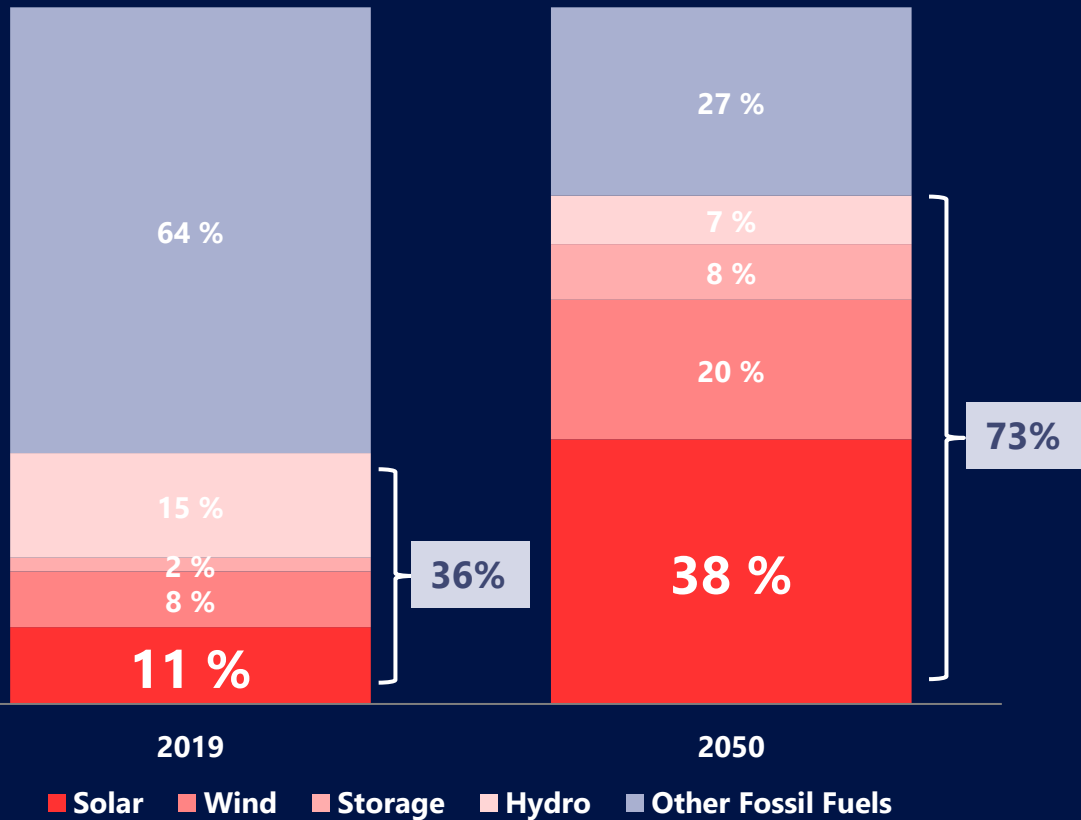
Heat Pumps Installed (million)



● 2020 ● 2030 ● 2050

Renewables set to be the dominant electricity source

Installed Electricity Capacity Mix*

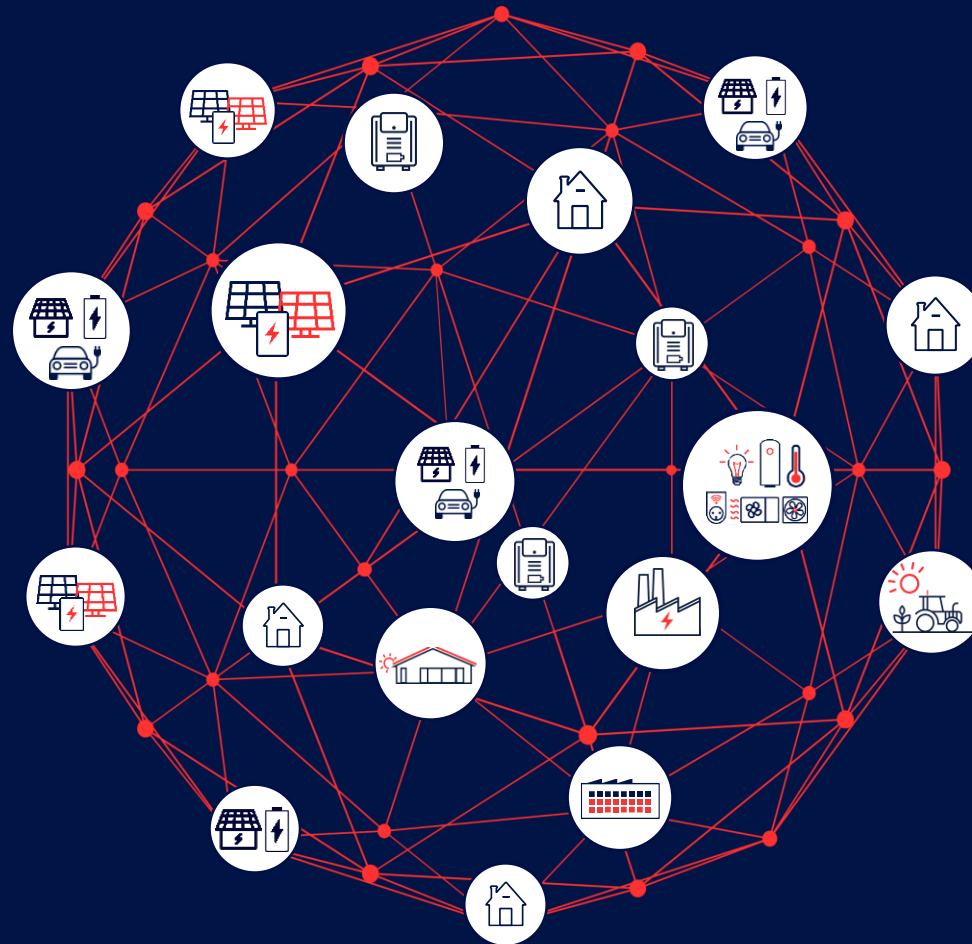
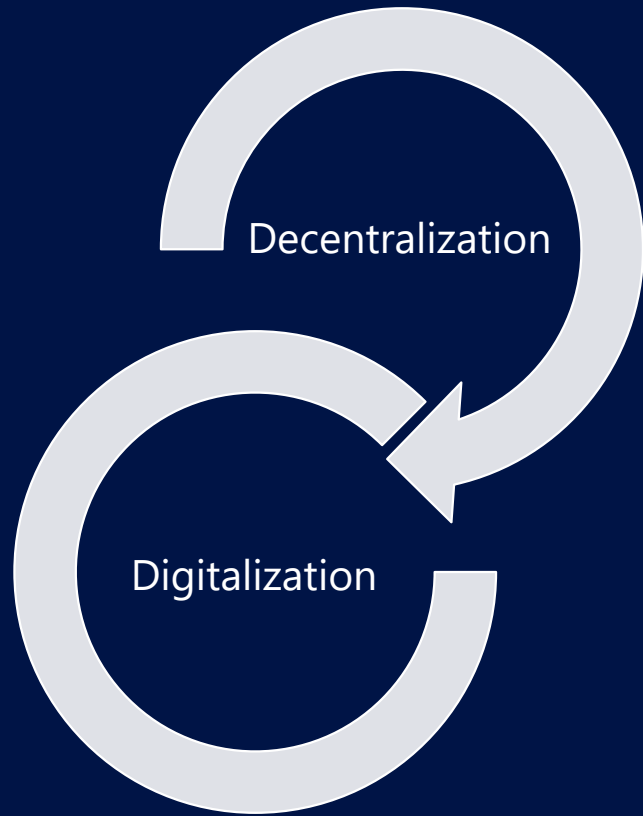


Global Race to Net Zero Emissions by 2050



*New Energy Outlook 2020 (NEO 2020) by Bloomberg New Energy Finance (BloombergNEF)

Decentralization and digitalization of energy networks



Software controlled

Cyber secured

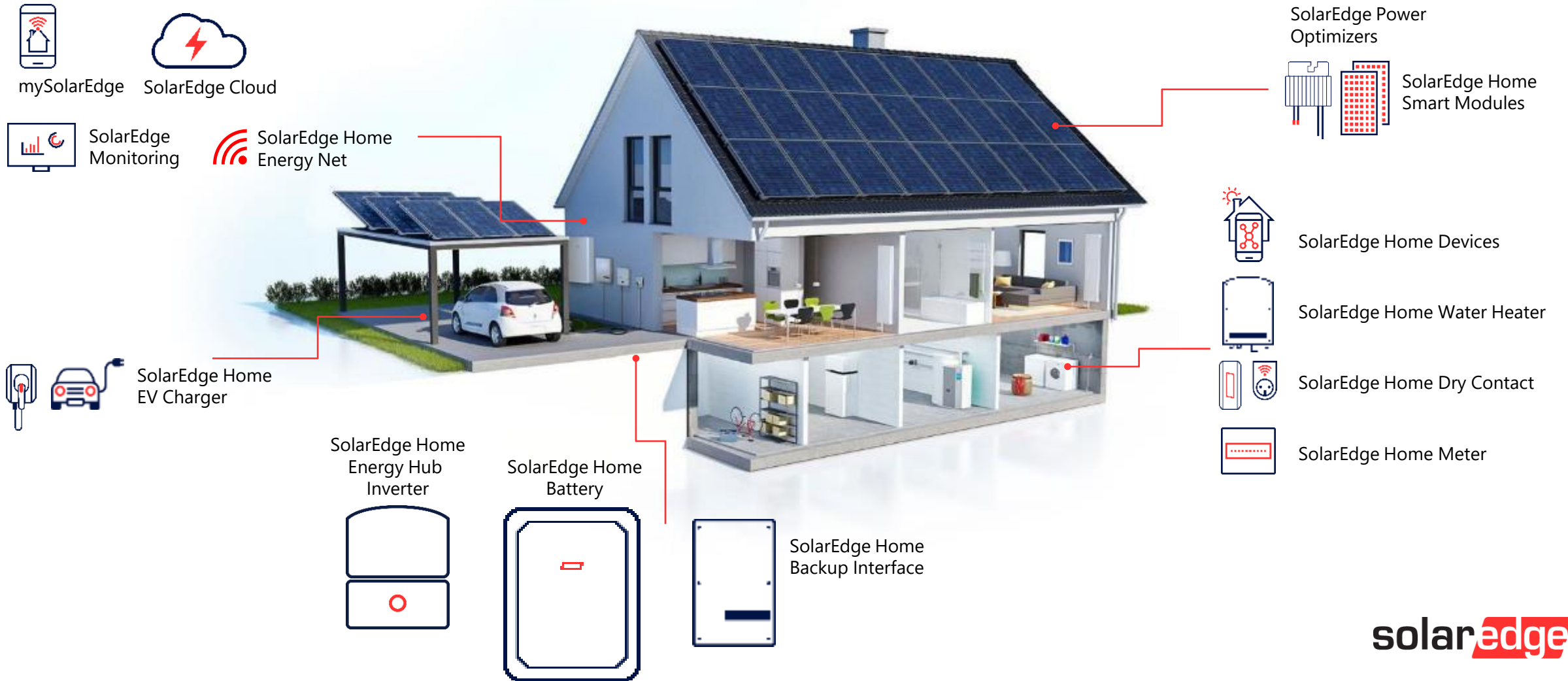
Multi node micro grids



SolarEdge Solutions

Our Residential solution

SolarEdge Home: A single solution for PV, storage, smart energy, and EV charging



Residential - Leadership today with great potential for the future



52,000

Installers



112

Countries

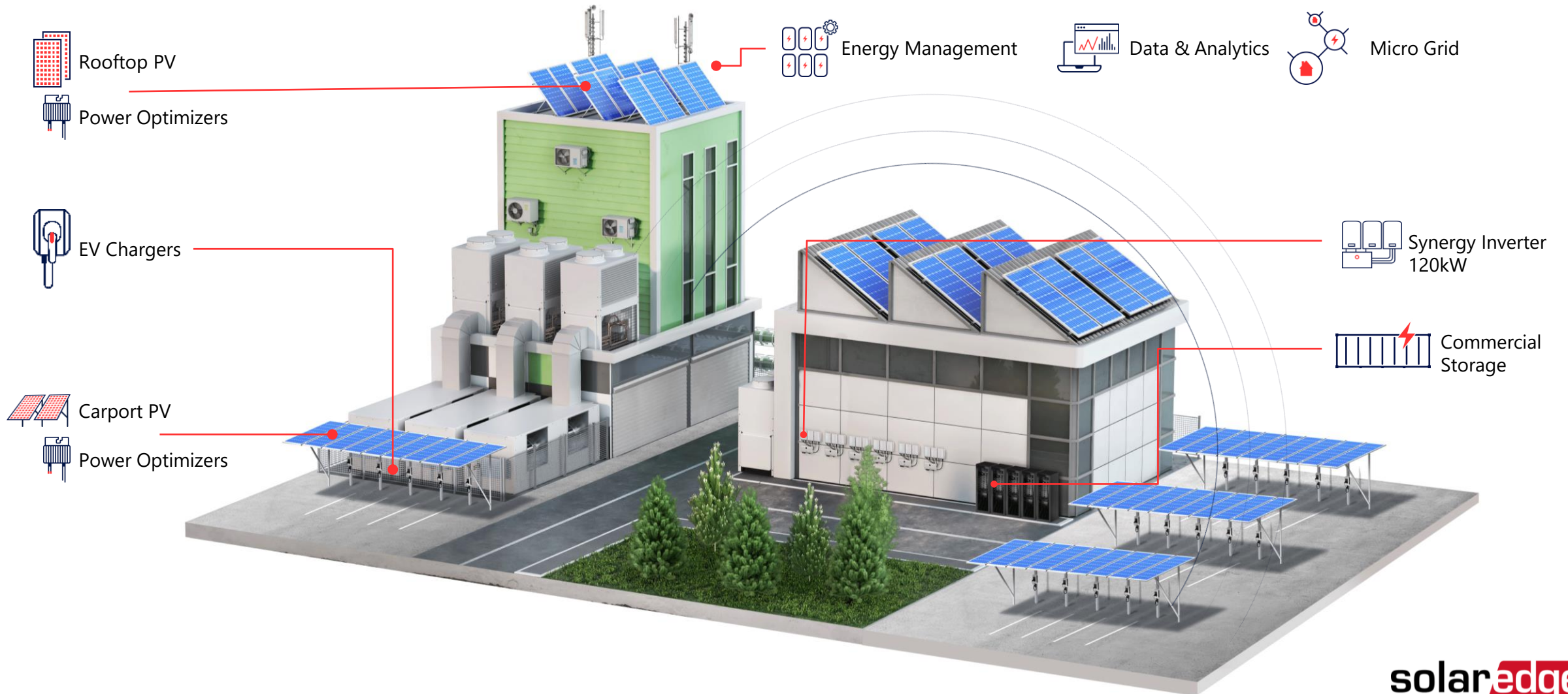


2.27M

Residential sites



Our Commercial solution



Diversified Commercial applications



Industrial Rooftops



Public Buildings



Carports & Floating

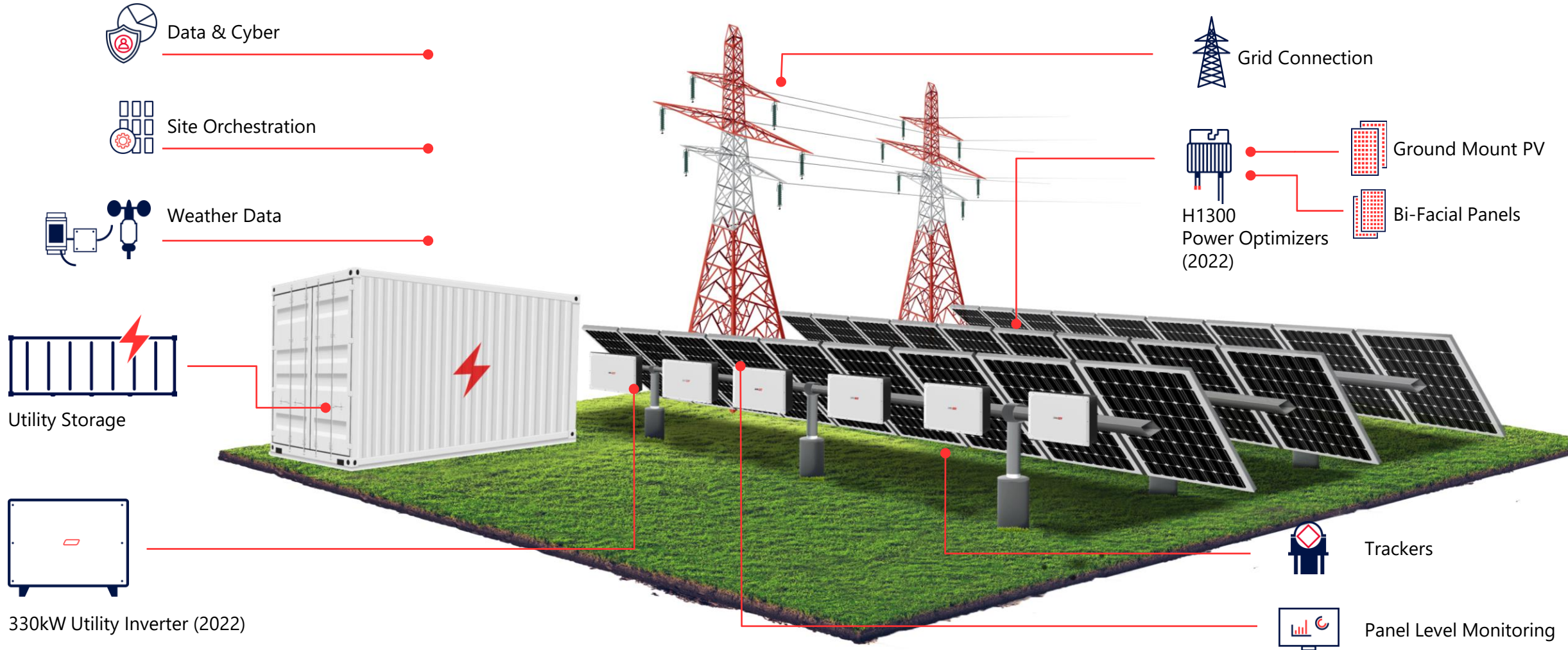


Farms & Agriculture



Small Ground Mounts

Our future Utility offering



Strategic pillars for growth



Expand served market
through new
segments and applications



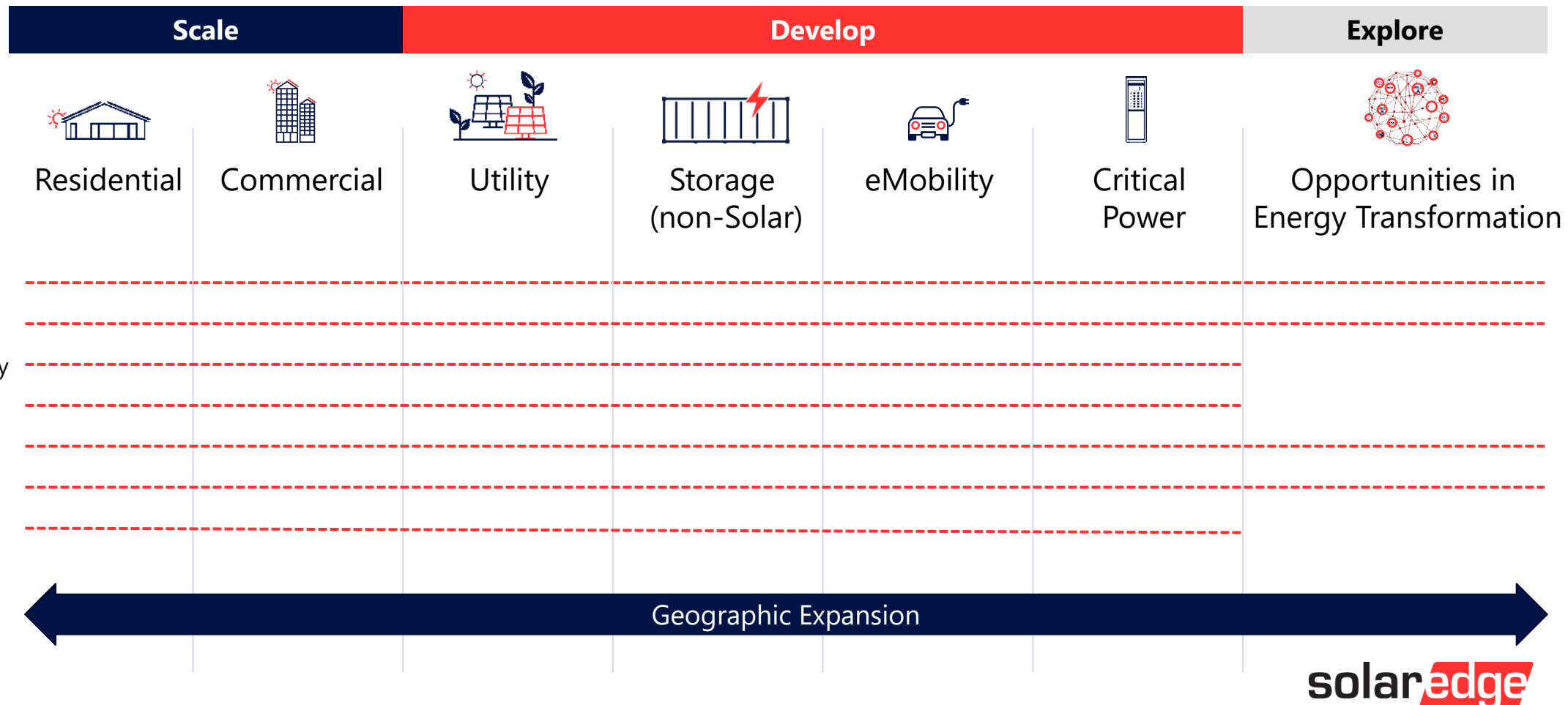
Expand served market
through geographic
expansion



Increase share
within our served market

Our innovation strategy – solar & beyond

To be a leading global provider of HW, SW and services in renewable energy markets where technology will improve the production, storage and consumption of energy



Energy Storage solutions

Innovative cell technology and owned manufacturing drive product differentiation and capacity benefits

		
<p>Cell Technology Proprietary cell technology</p>	<p>Cell Manufacturing Owned cell manufacturing</p>	<p>Complete Storage Products Solar attached & Non-Solar attached</p>

*Goldman Sachs Equity Research, Stem Inc., May 23, 2021

**Wood Mackenzie, Global Energy Storage Outlook: H2 2020

eMobility solutions

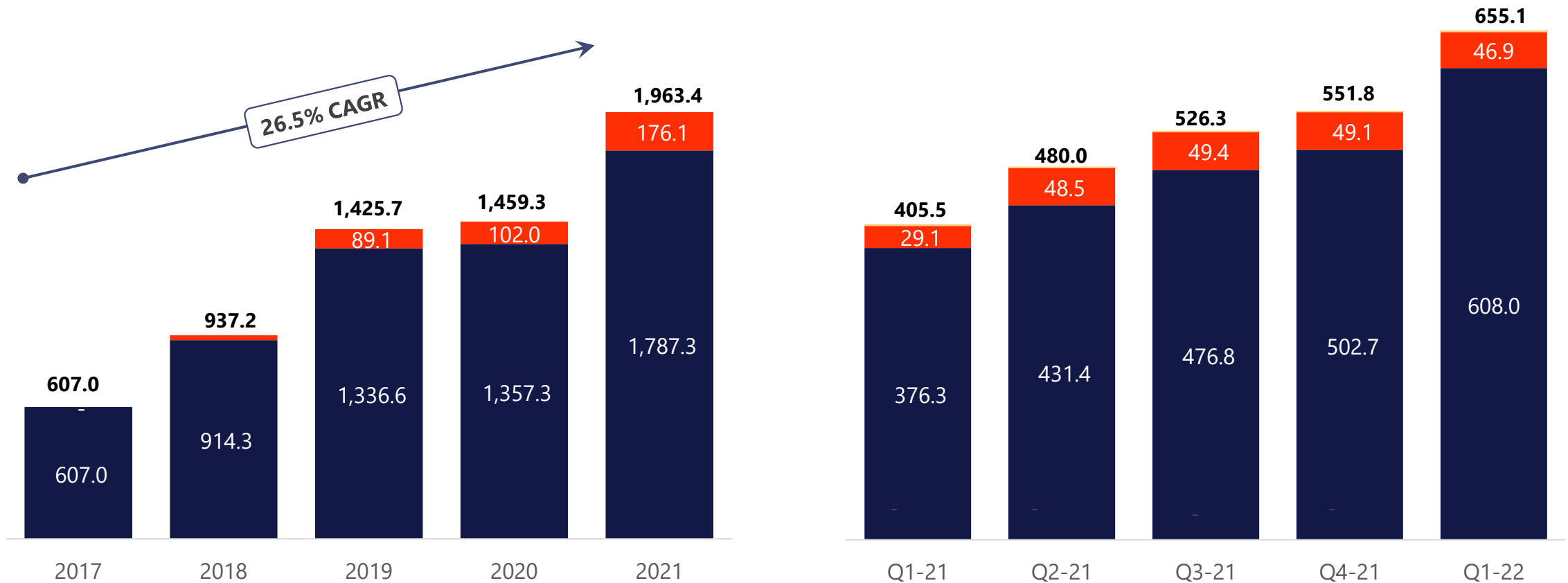
- Integrated powertrain technology and electronics for LCVs, LGVs, e-motorcycles
- High-performing powertrains with the gearbox, engine, battery, BMS, software, and accessories
- Provides SolarEdge access to the high-growth global EV market
- Selected as supplier of electric powertrain units and batteries for Fiat E-Ducato (Stellantis)





Financial Update

Revenues Growth by Segments (*)



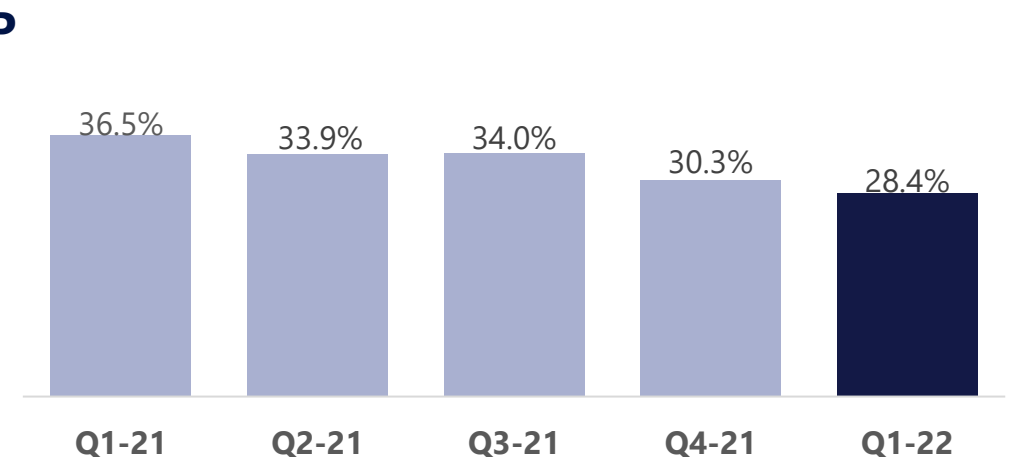
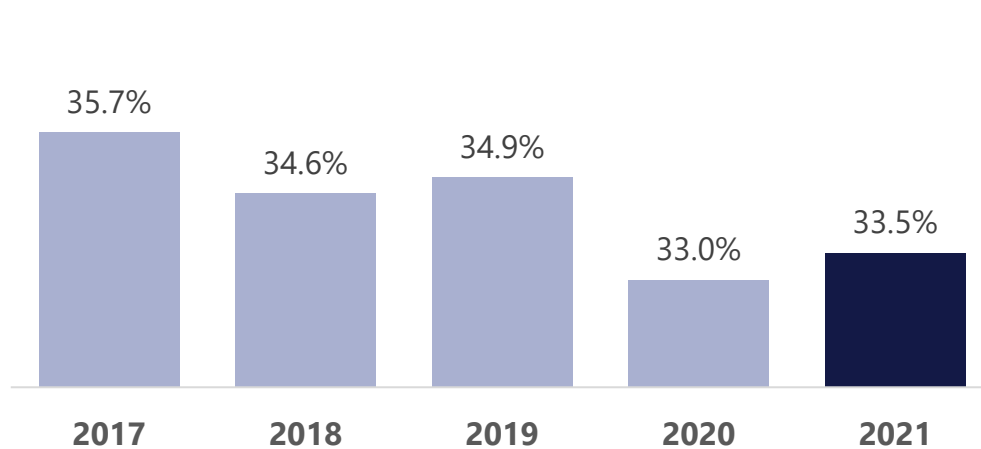
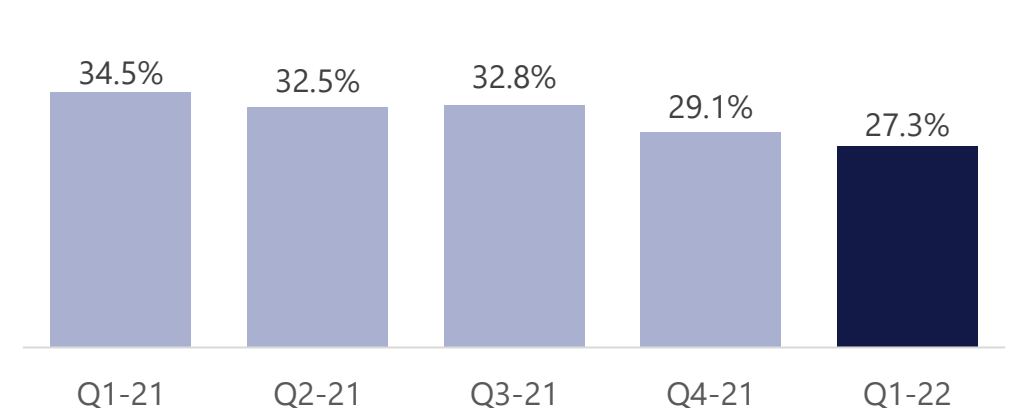
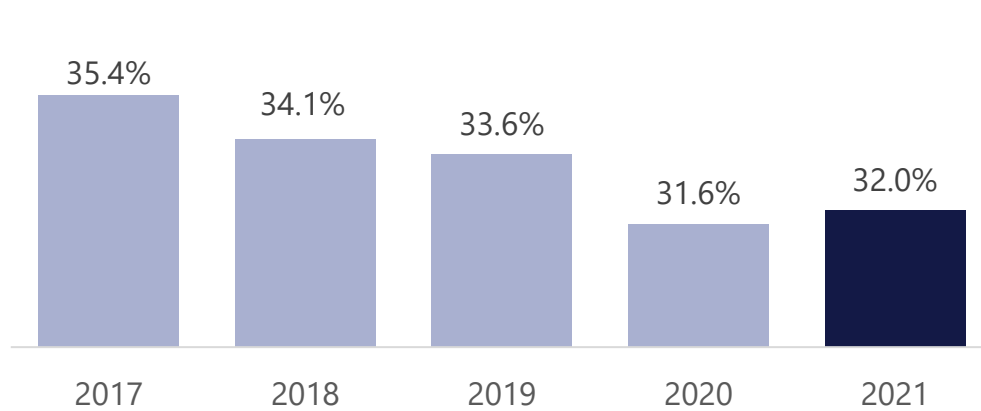
■ Solar ■ Non-Solar ■ Non allocated

USD millions

(*)GAAP Revenues are \$655.1 millions and include ASC606 items excluded from numbers presented above

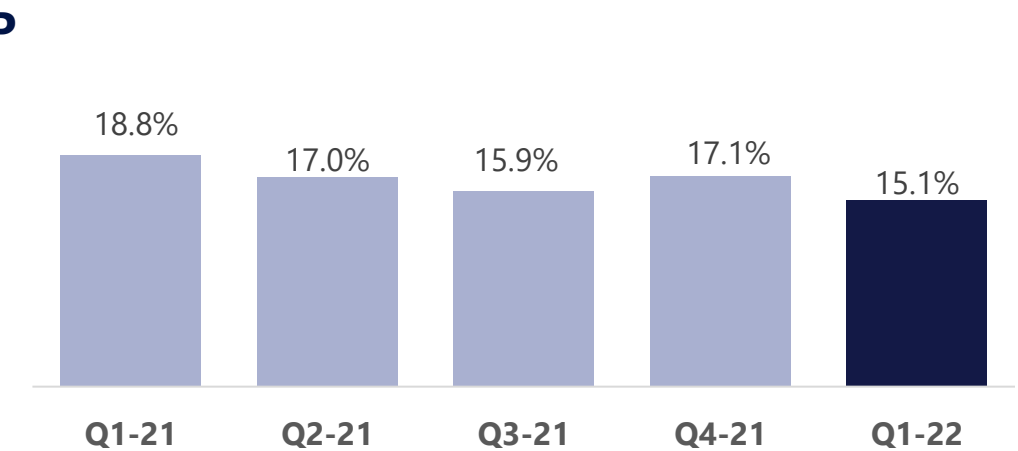
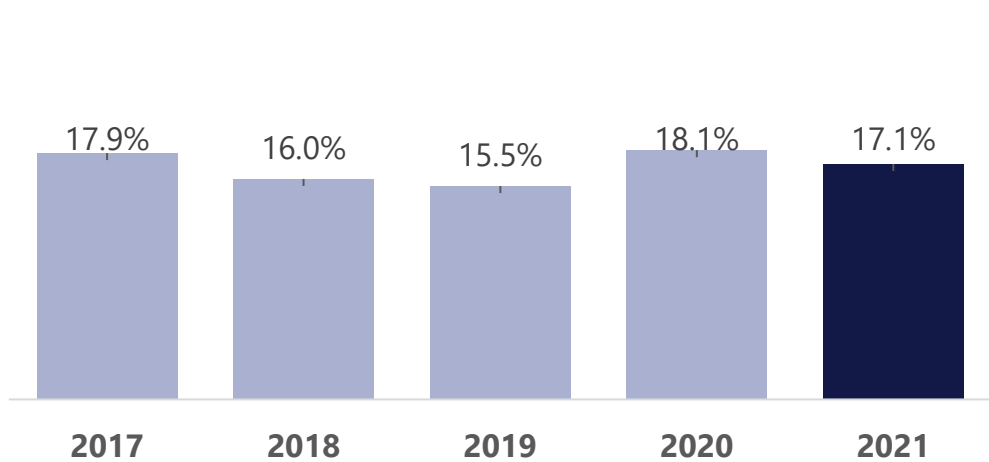
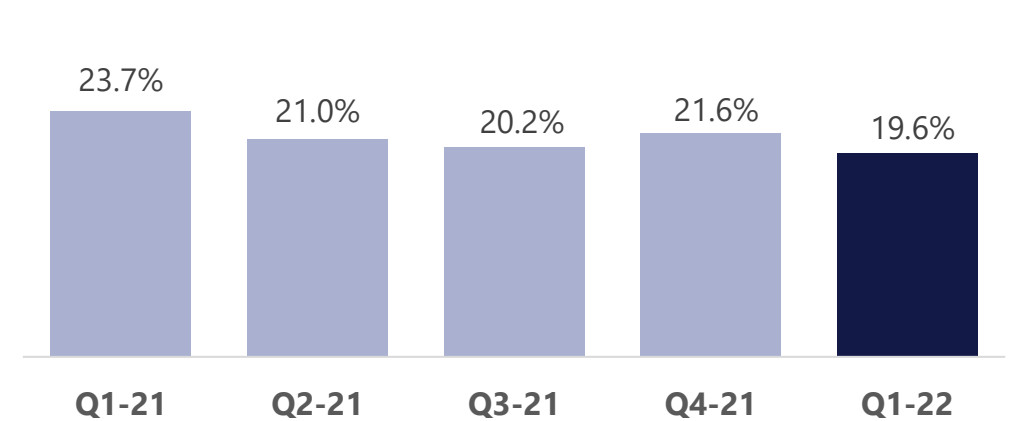
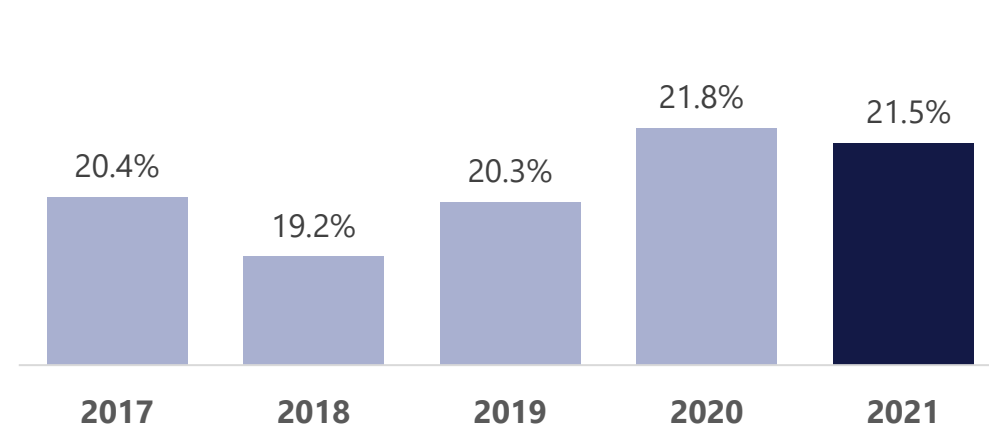


Consolidated Gross Margin



USD millions

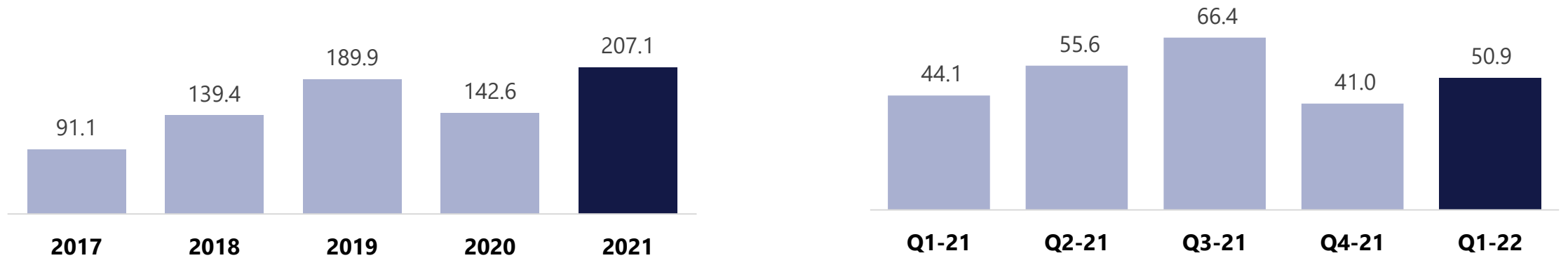
Operating Expenses as % of Revenues



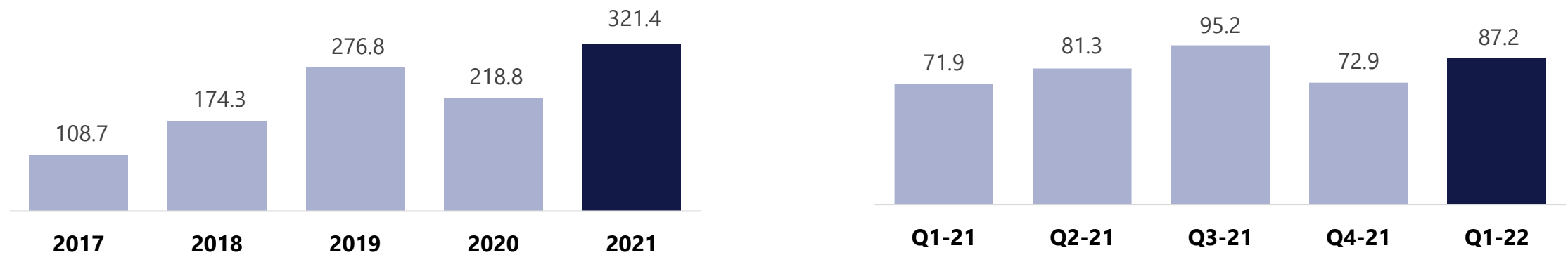
USD millions

Consolidated Operating Profitability

GAAP



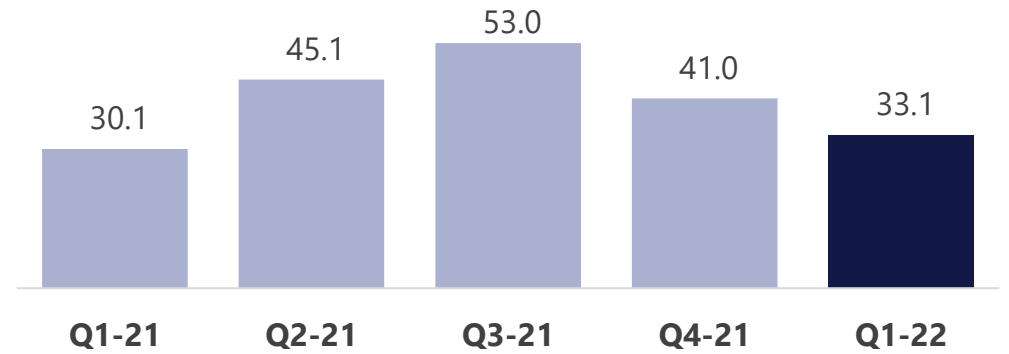
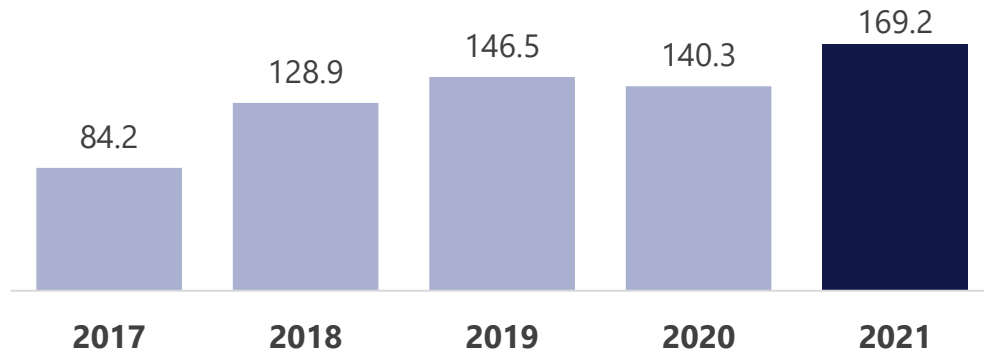
Non-GAAP



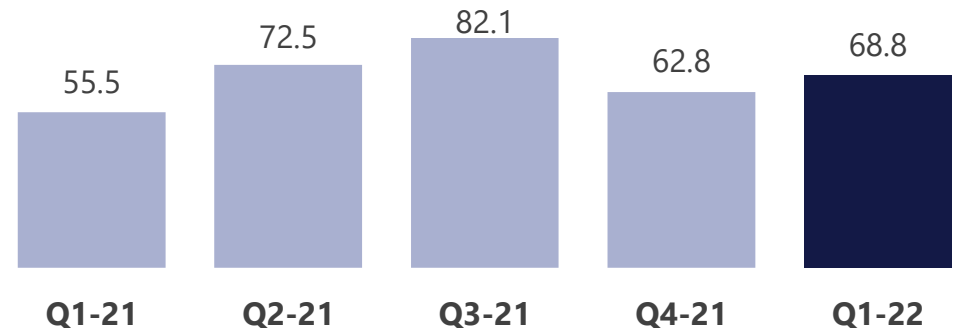
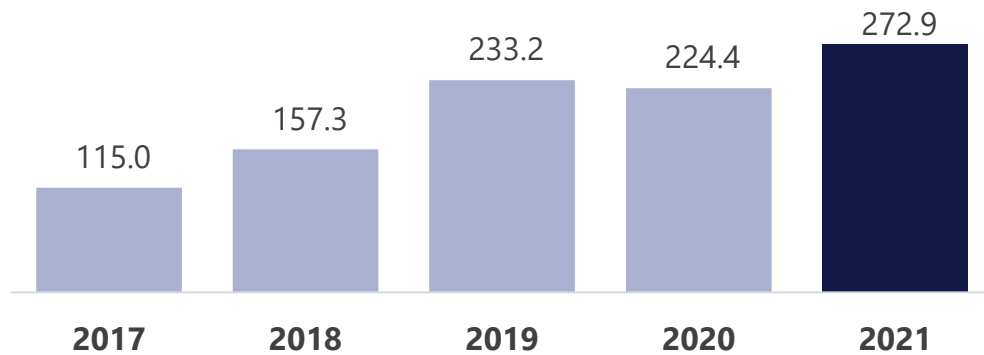
USD millions

Consolidated Net Profitability

GAAP



Non-GAAP



USD millions



Thank
You