



SolarEdge Technologies
Nasdaq | SEDG

solar**edge**

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, 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 macro-economic conditions; potential growth opportunities; the effects of competition and continued impact of the Covid-19 pandemic.

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.

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

107.6M

Power Optimizers
Shipped



36

Countries
Presence

444 Awarded
Patents and **462**
Additional Patent
Applications

>3.1M

Monitored systems
around the world

#1



Solar
Inverter
Company*

4,926

employees



4.5M

Inverters
Shipped



40.0GW

of our systems
shipped worldwide

* Revenue wise - PV Inverter Market Tracker – Fourth Quarter 2022

solaredge

Q4/2022 Financial Results

\$890.7M

GAAP Revenue



\$171.5M

Non-GAAP Net Income



29.3%

GAAP Gross Margin



\$111.3M

Cash From Operations

\$20.8M

GAAP Net Income

\$1.0B

Cash, Deposits
and Investments,
Net of Debt

2022 Financial Results

\$3.1B

GAAP Revenue



\$351.2M

Non-GAAP Net Income

27.2%

GAAP Gross Margin



\$31.3M

Cash From Operations

\$93.8M

GAAP Net Income



The Renewable Energy Opportunity

Tectonic shift in the energy market



Electrification



Decarbonization



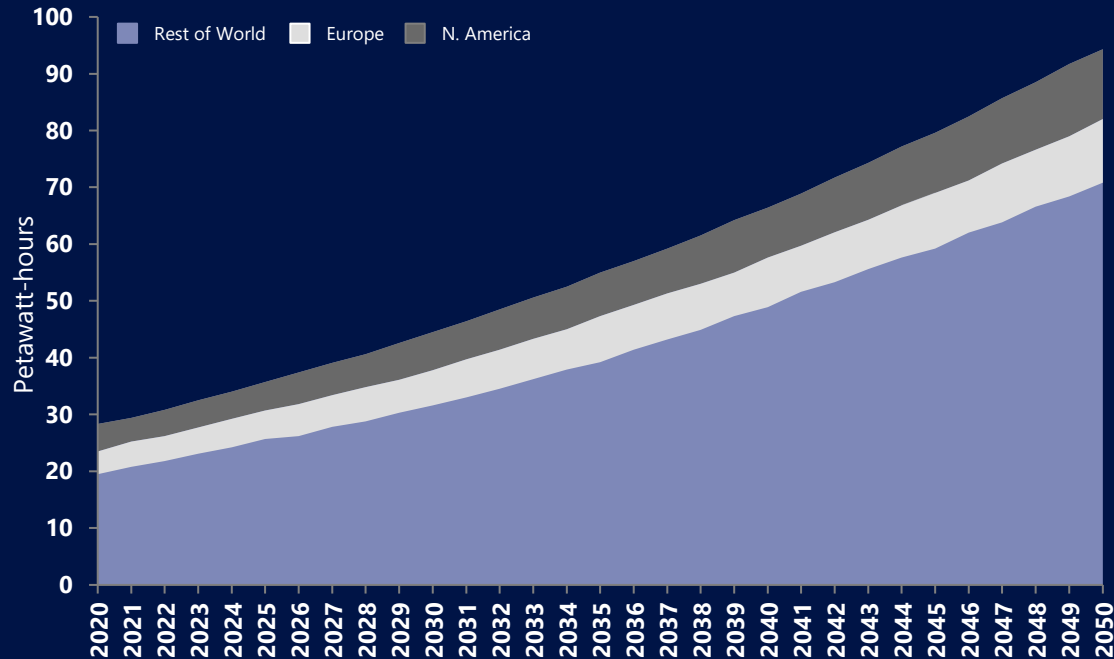
Decentralization

- 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



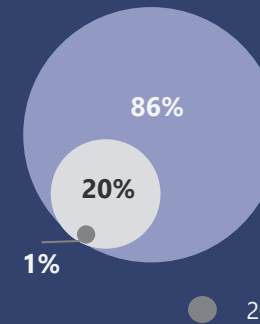
Growing Energy Demand**

 **+1.7B** people(+22%) 2022-2050

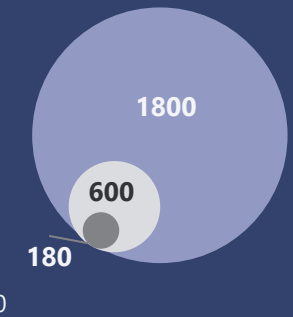
 Urbanization to increase from 55% to **80%**

Electrification of Areas Previously Dominated by Fossil Fuels***

Electric Vehicles Penetration (%)



Heat Pumps Installed (million)



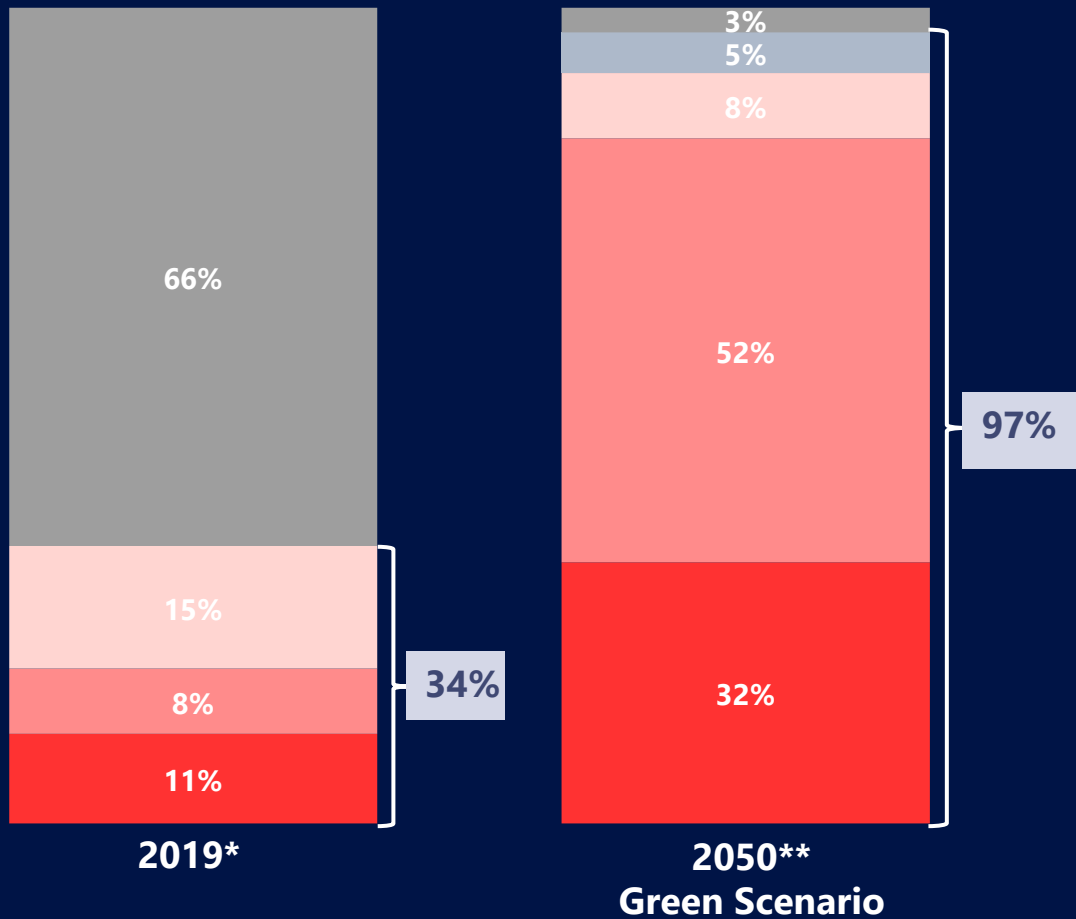
* "World Energy Needs" by Benjamin Deniston, Lyndon LaRouche Political Action Committee, (Nov-2020);

** United Nations Department of Economic and Social Affairs, World Population Prospects 2022: Highlights / Visualizing the material impact of global urbanization by Bruno Venditti, Visual Capitalist | APRIL 28, 2022

*** Net Zero by 2050 – A Roadmap for the Global Energy Sector, International Energy Agency, Revised version, October 2021 (4th revision)

Renewables set to be the dominant electricity source

Installed Electricity Capacity Mix



■ Solar ■ Wind ■ Hydro ■ Other Renewables ■ Other Fossil Fuels

Global Race to Net Zero Emissions by 2050

Governments

Nation-level initiatives to decarbonize (Glasgow, Paris)

Corporations

Decarbonization commitments in most industries driven by ESG standards

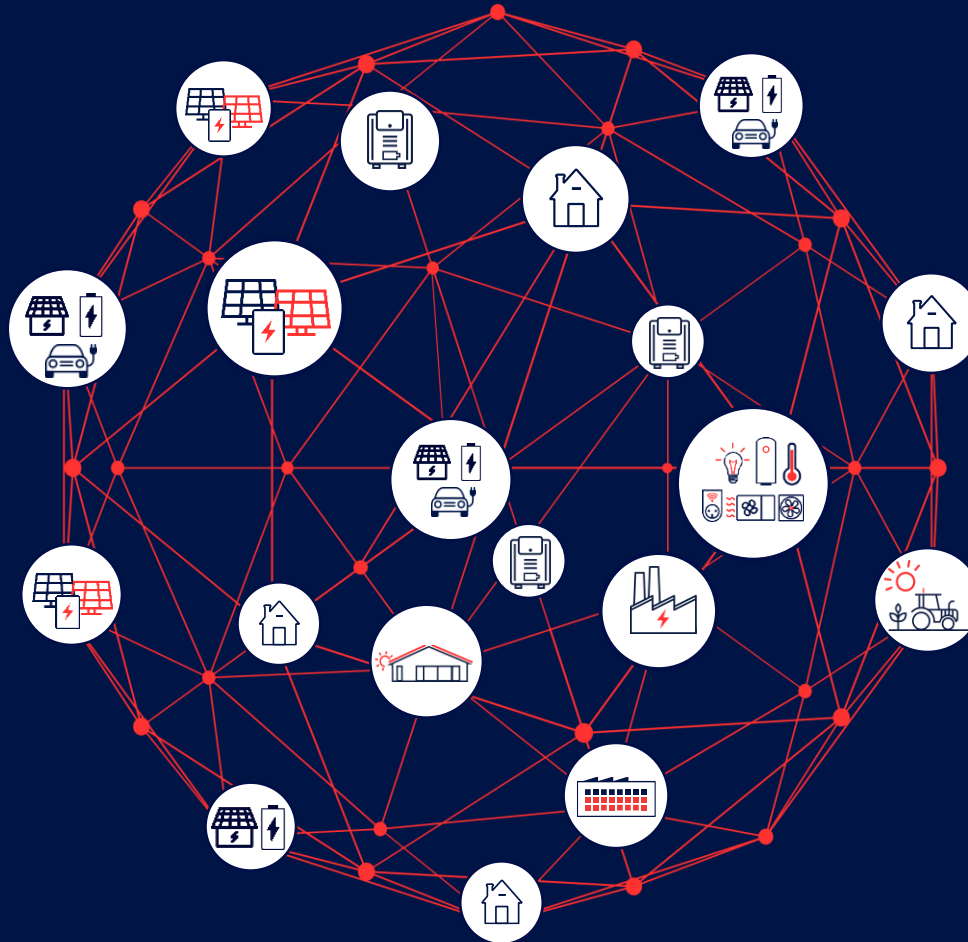
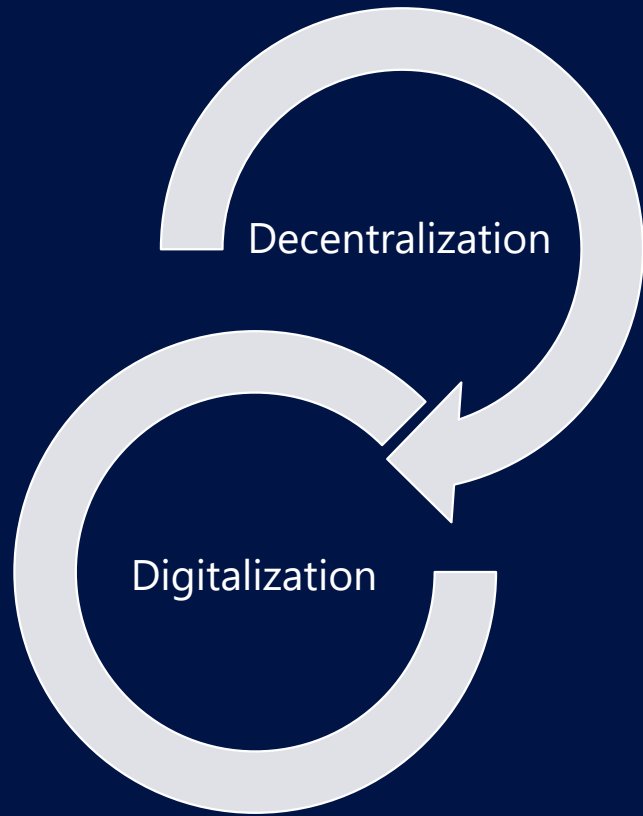
Individuals

Growing demand for electrification
Drive for energy independence

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

** New Energy Outlook 2021 (NEO 2021) by Bloomberg New Energy Finance (BloombergNEF)

Decentralization and digitalization of energy networks



Software controlled

Cyber secured

Multi node micro
grids

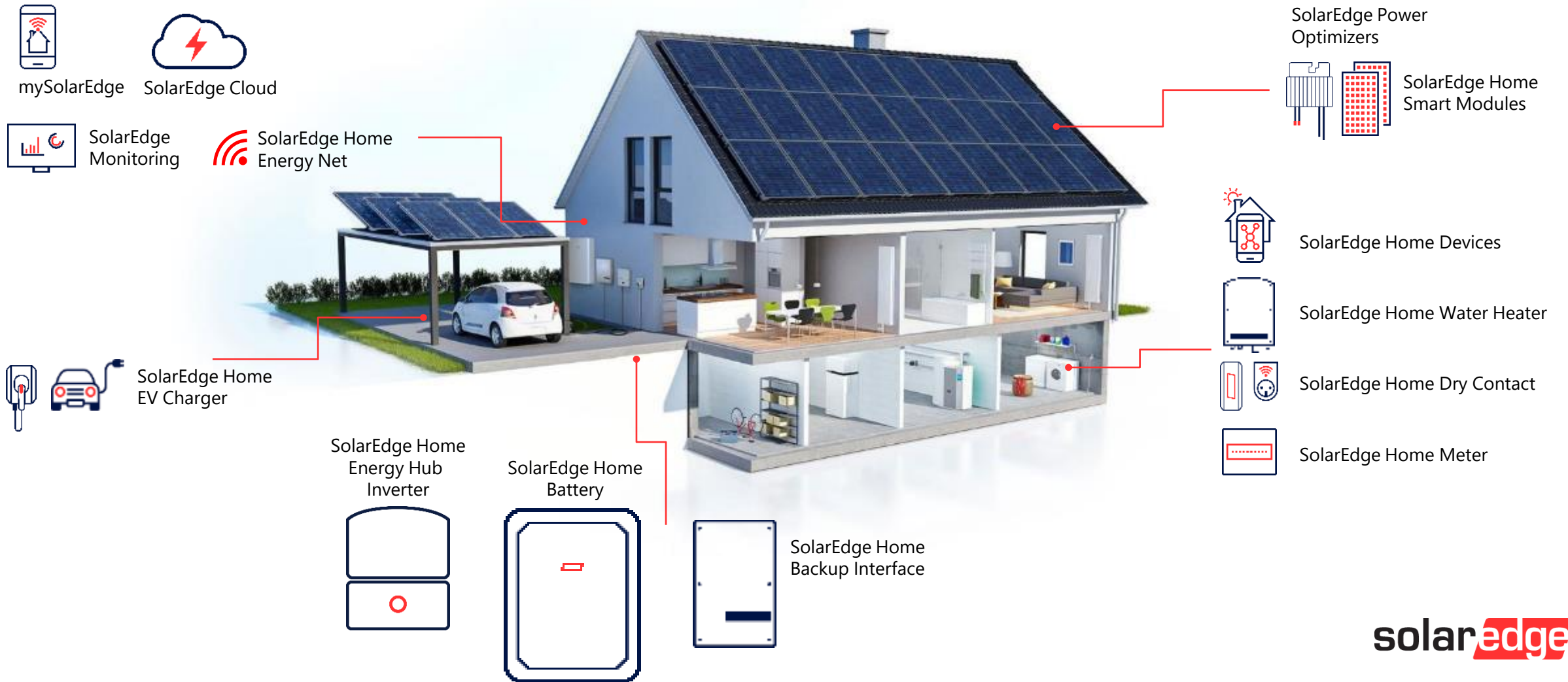


SolarEdge Solutions

solar**edge**

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



> 53,000

Residential
Installers



> 133

Countries

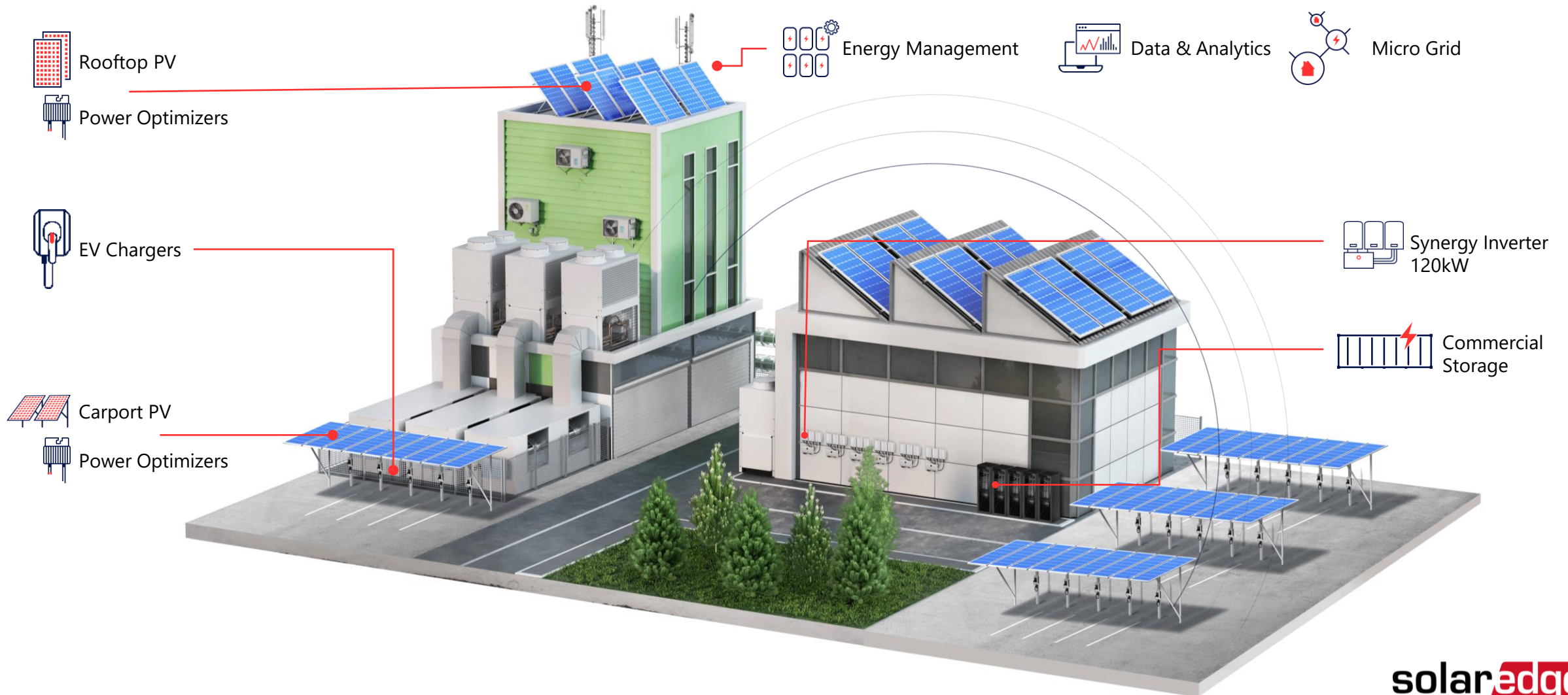


> 2.8M

Residential sites



Our Commercial solution



Diversified Commercial applications



Industrial Rooftops



Public Buildings



Carports & Floating

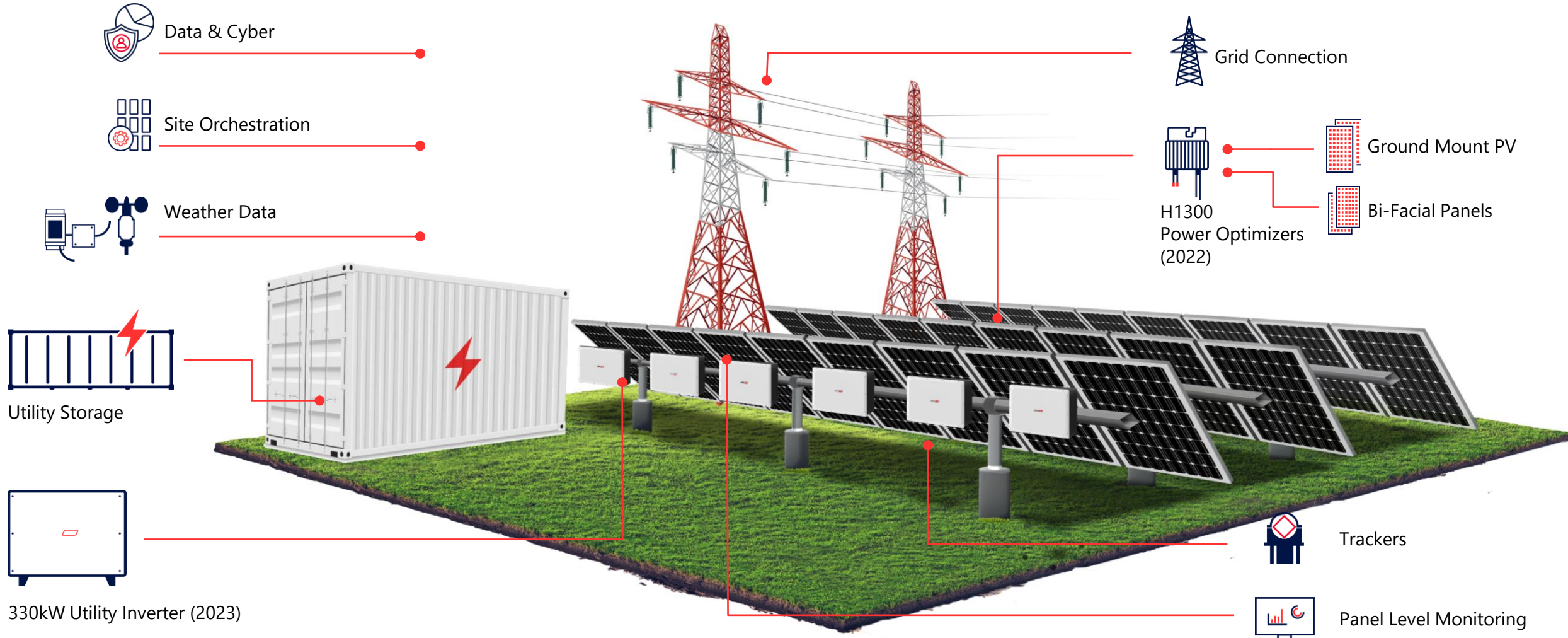


Farms & Agriculture



Small Ground
Mounts

Our future Utility offering



Strategic pillars for growth



Expand served market
through new
segments and applications



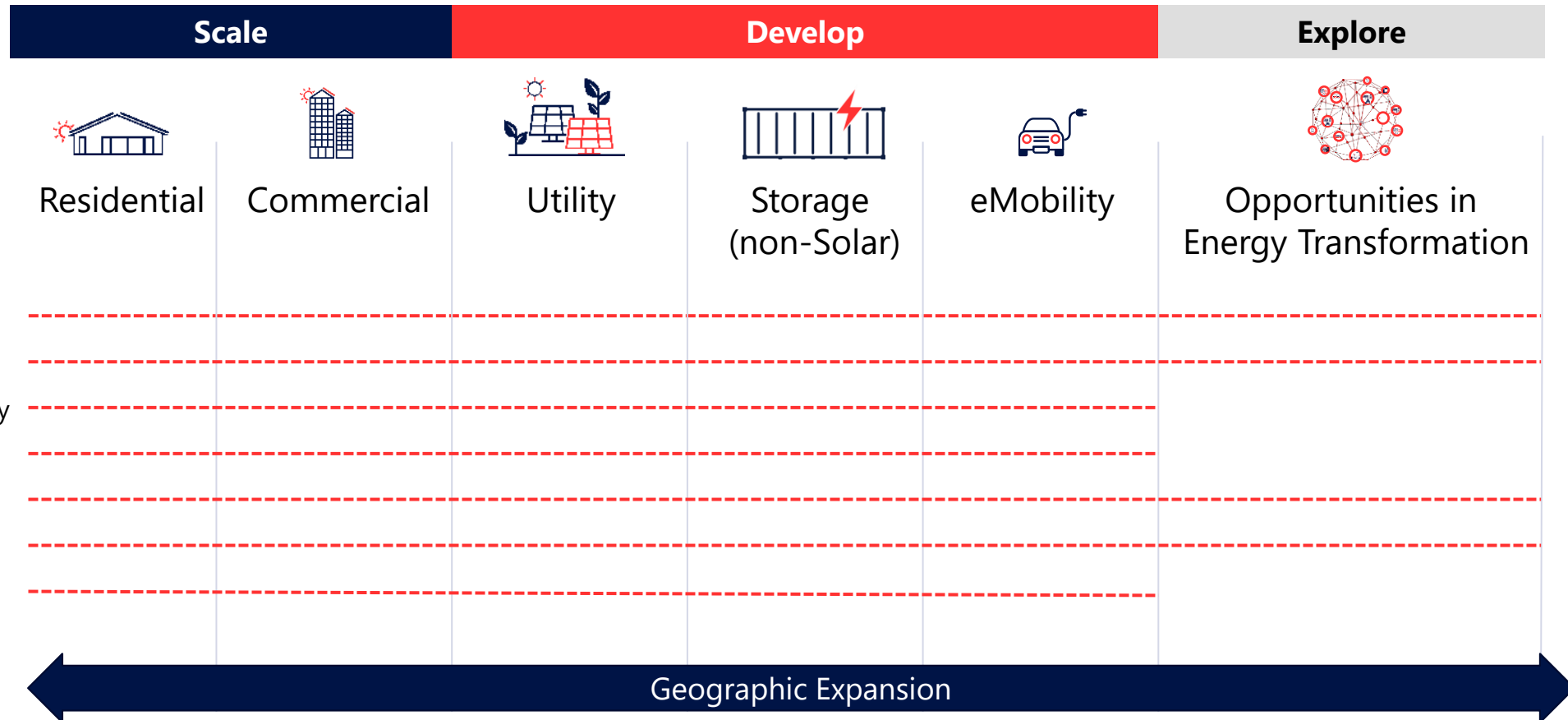
Expand served market
through geographic
expansion



Increase share
within our served market

Our innovation strategy – solar & beyond

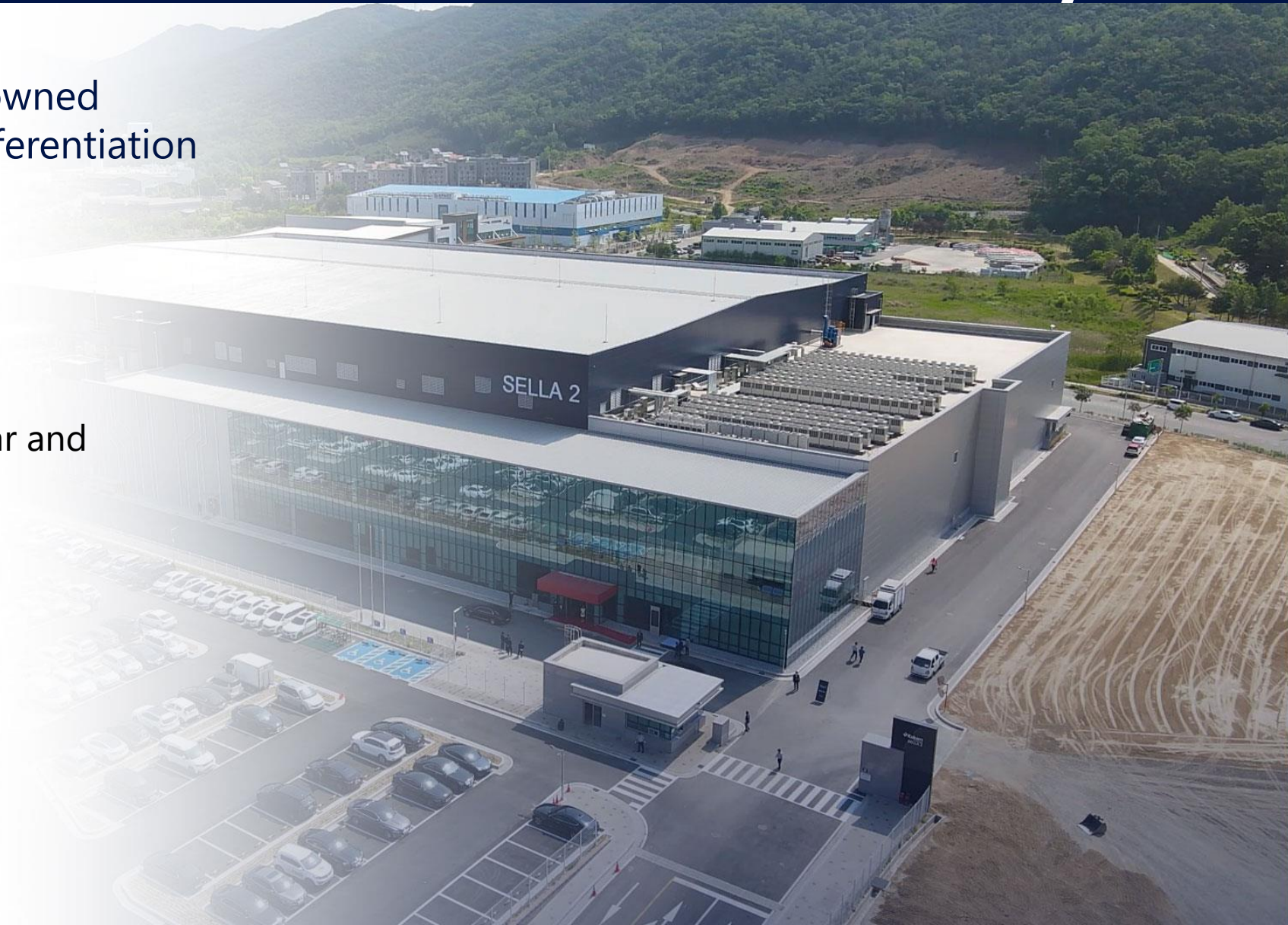
To be a leading global provider of HW, SW and services in renewable energy markets where technology will improve the production, storage and consumption of energy



Energy Storage solutions

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

- Propriety cell technology
- Owned cell manufacturing
- Complete storage products, Solar and Non-Solar attached



eMobility solutions

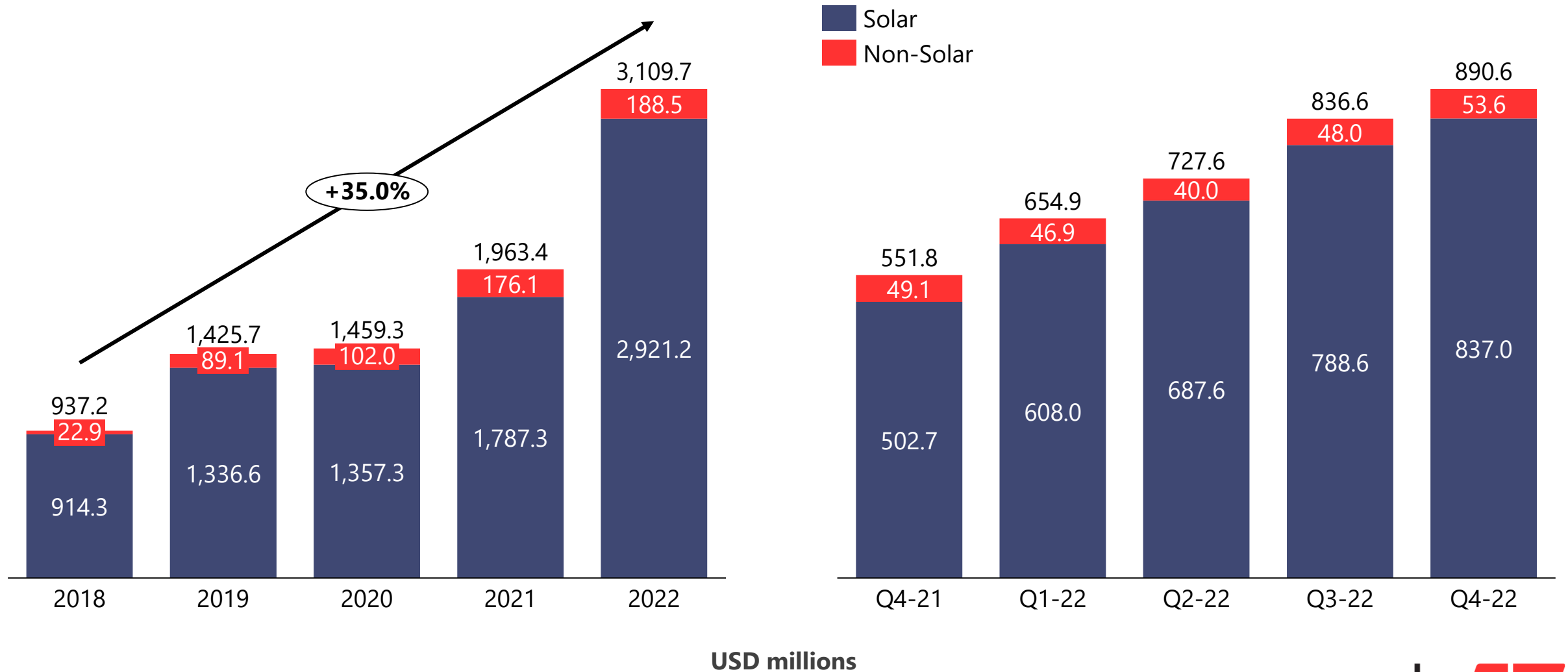
- Integrated powertrain technology and electronics for LCVs, LGVs, e-motorcycles
- High-performing powertrains with the gearbox, engine, battery, BMS, software, and accessories
- Provides SolarEdge access to the high-growth global EV market
- Selected as supplier of electric powertrain units and batteries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





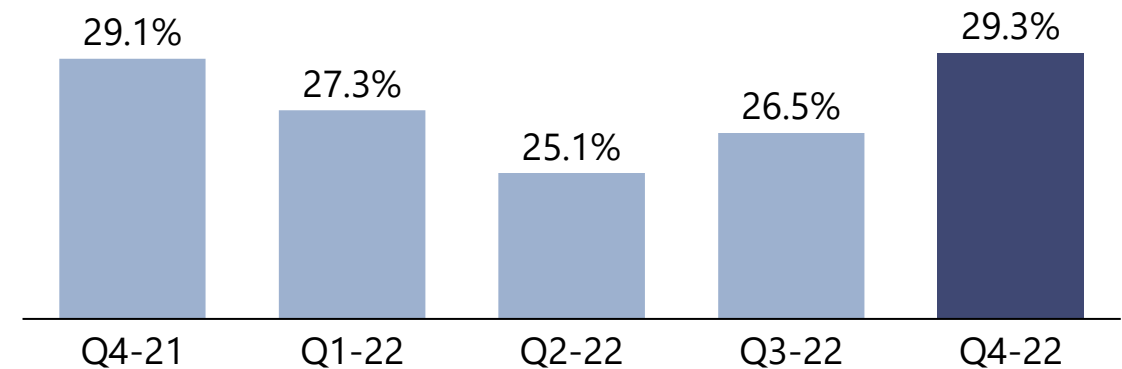
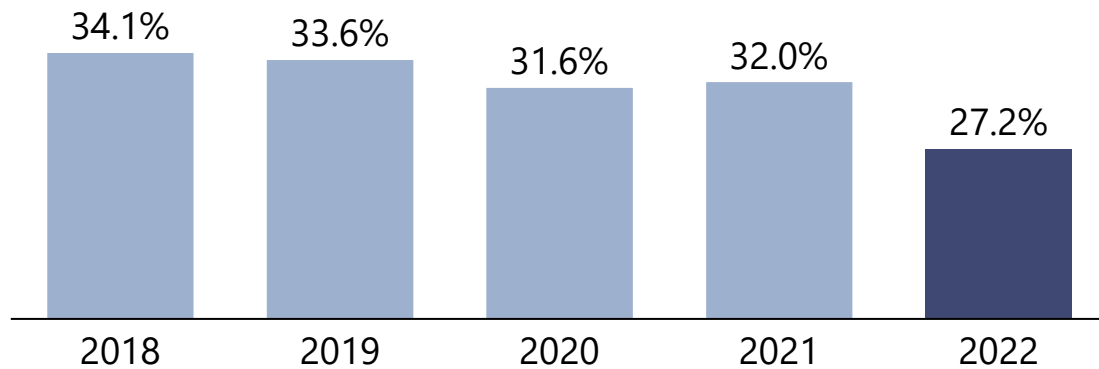
Financial Update

Revenues Growth by Segments

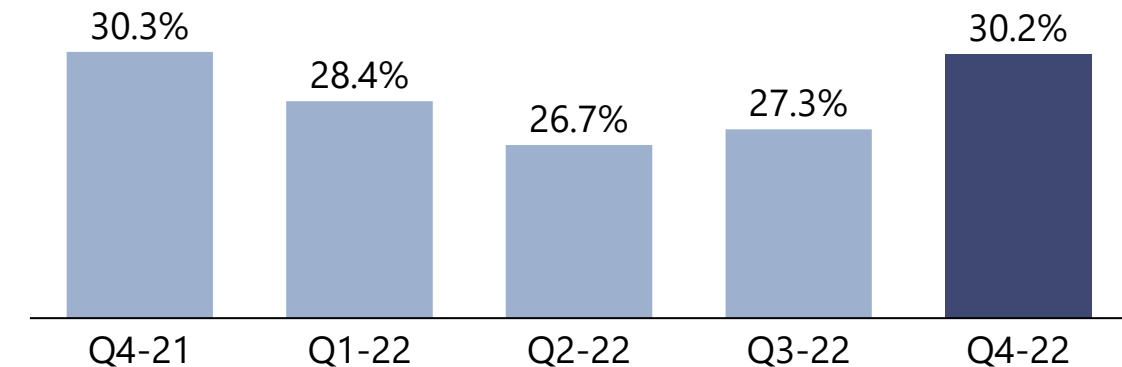
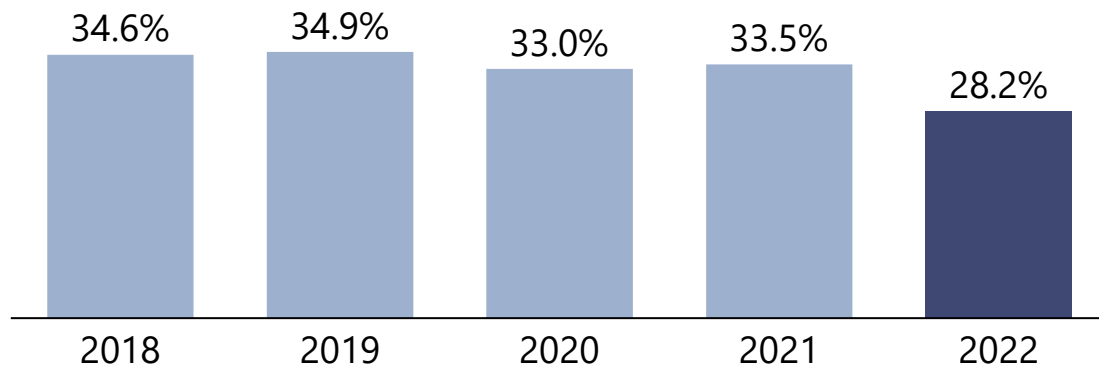


Consolidated Gross Margin

GAAP

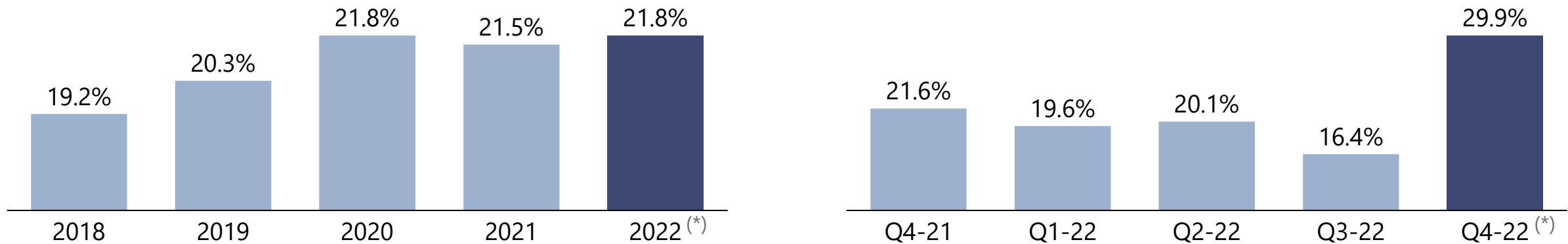


Non-GAAP

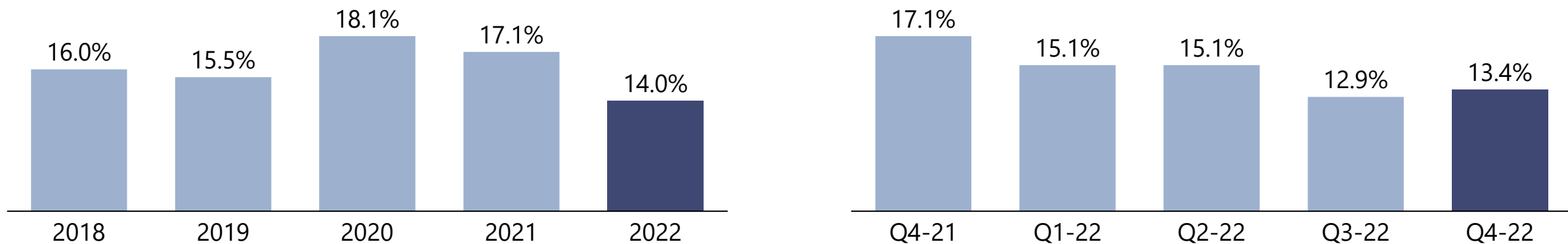


Operating Expenses as % of Revenues

GAAP



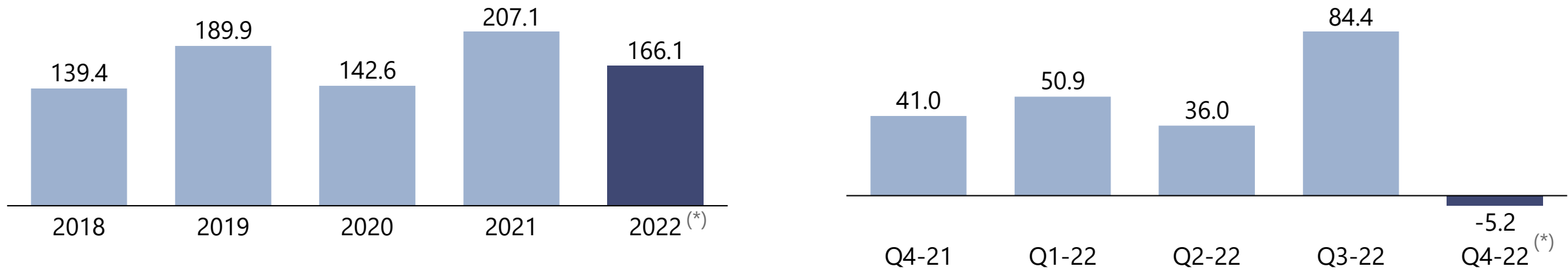
Non-GAAP



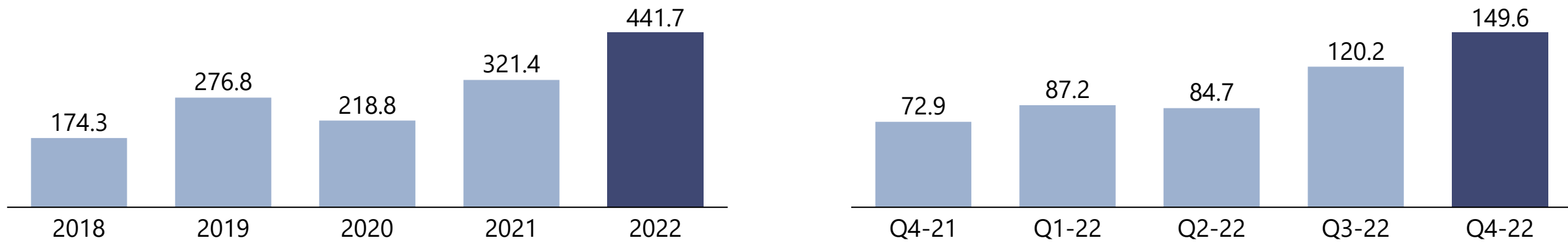
(*) Including intangible asset impairment: Q4.22: \$114.5M (E-Mobility \$107.4M , Automation Machines \$7.1M), Q2.22: Critical Power \$4M

Consolidated Operating Profitability

GAAP



Non-GAAP



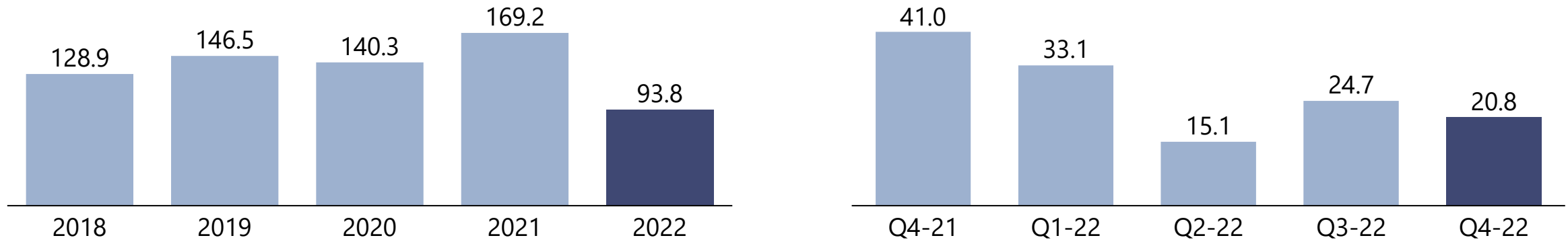
USD millions



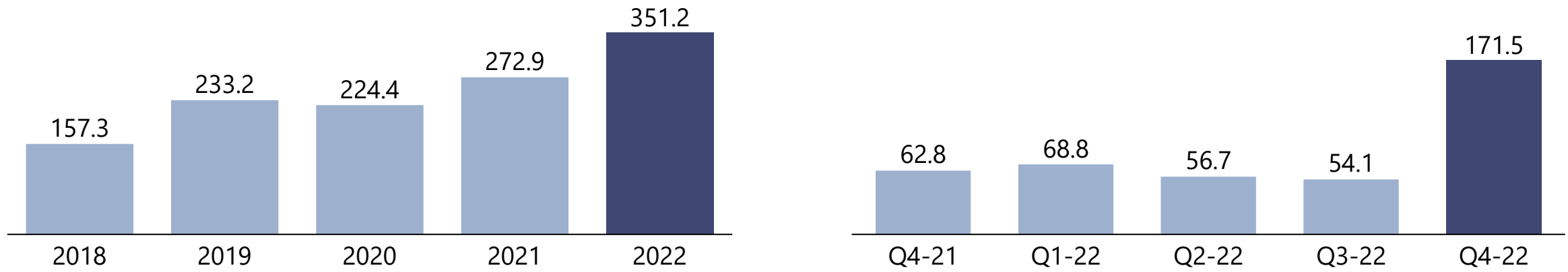
(*) Including intangible asset impairment: Q4.22: \$114.5M (E-Mobility \$107.4M , Automation Machines \$7.1M), Q2.22: Critical Power \$4M

Consolidated Net Profitability

GAAP



Non-GAAP



USD millions

The image is a composite of two photographs. The left side shows a dark, moody landscape with solar panels in the foreground and a house on a hill in the background. The right side shows a bright, sunny landscape with a village of colorful houses, solar panels on a hillside, and a cyclist on a path in the foreground. The text "Thank You" is overlaid on the left side.

Thank You

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