



Global Battery leader

LG Energy Solution

Changing Energy, Charging Life

Robert Lee

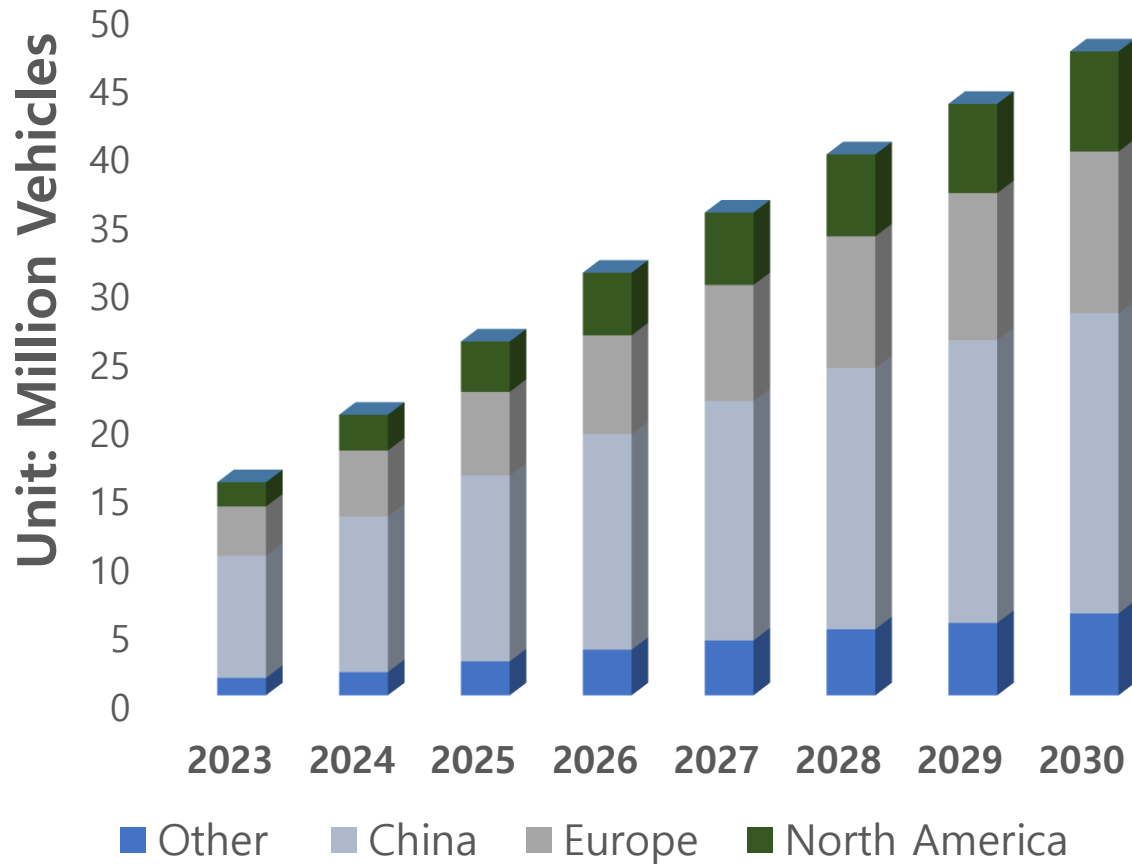
President, North America

Agenda

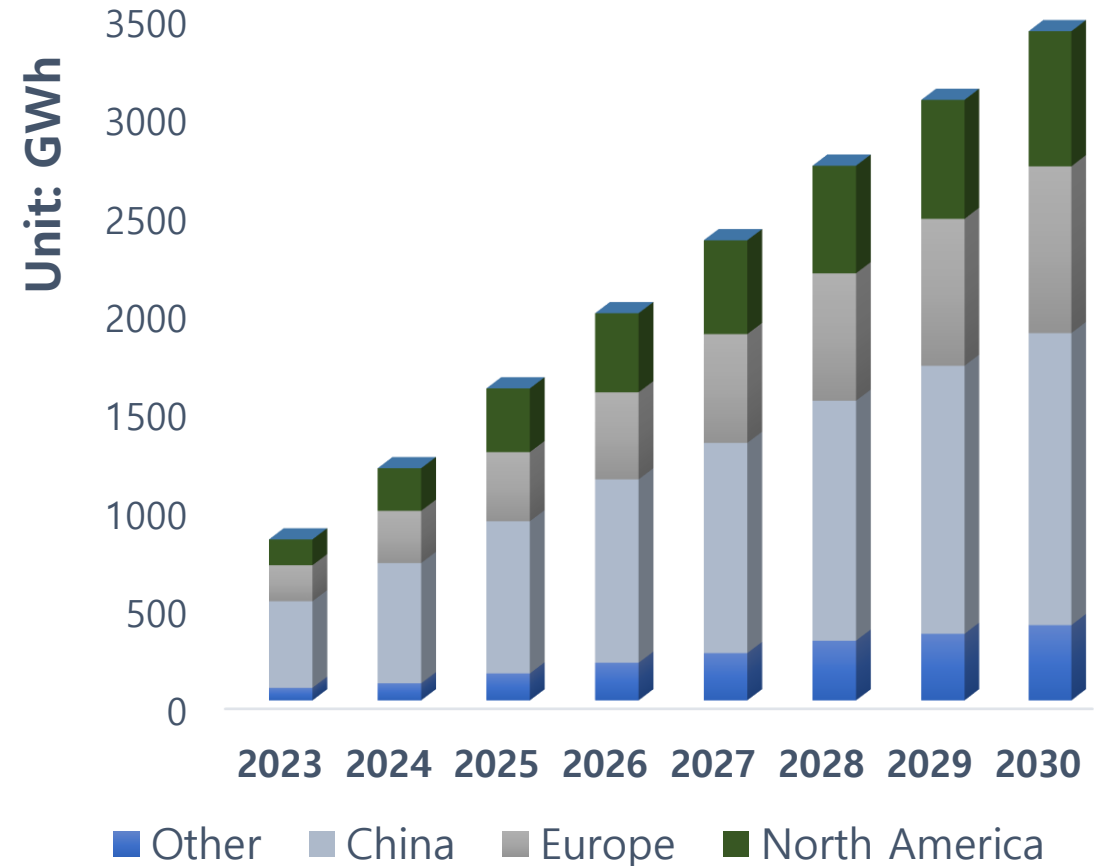
- Market Outlook
- OEM/Battery Industry Readiness
- LG Energy Solution Plans and Background
- Additional Policies to Drive EV Growth

The global EV and the associated battery market are expected to grow rapidly in the next decade

Global EV Market



Global Battery Market



Note: Forecast does not reflect impact of latest EPA guideline

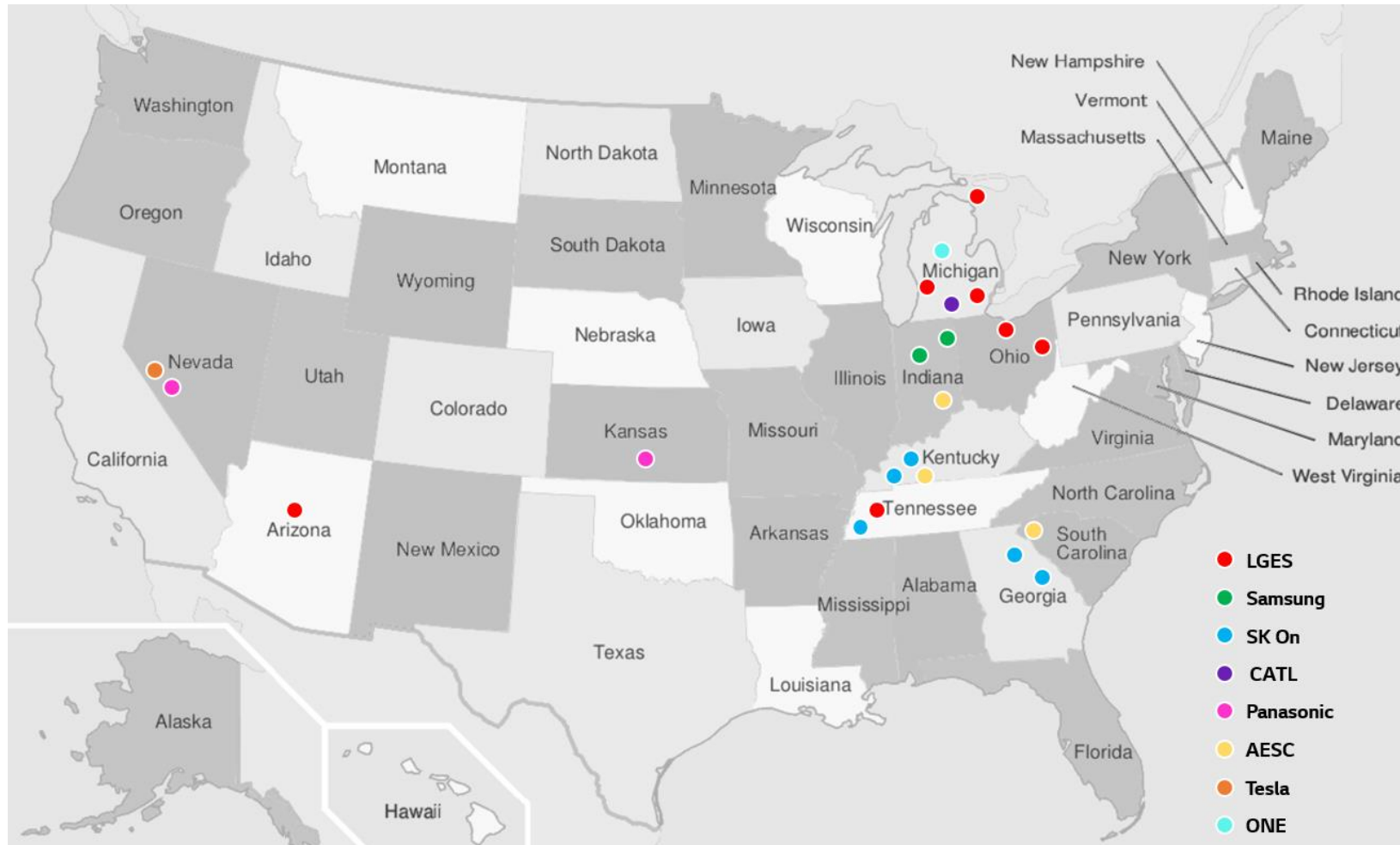
In North America, OEMs have capacity, but it is driven by Tesla...
Announced Sales targets are even more aggressive

OEM	EV Production Capacity in NA (K)	EV 2030 Sales Goal for NA (K)
Tesla	4,750	6,800
GM	659	1,955
Ford	767	1,530
STLA	744	2,550
VW	446	450
Toyota	139	385
Total	7,505	13,670
Market Forecast	7,300	

Note: Based on public announcements

Battery investments are underway to support the EV growth

Announced Battery Plants in North America

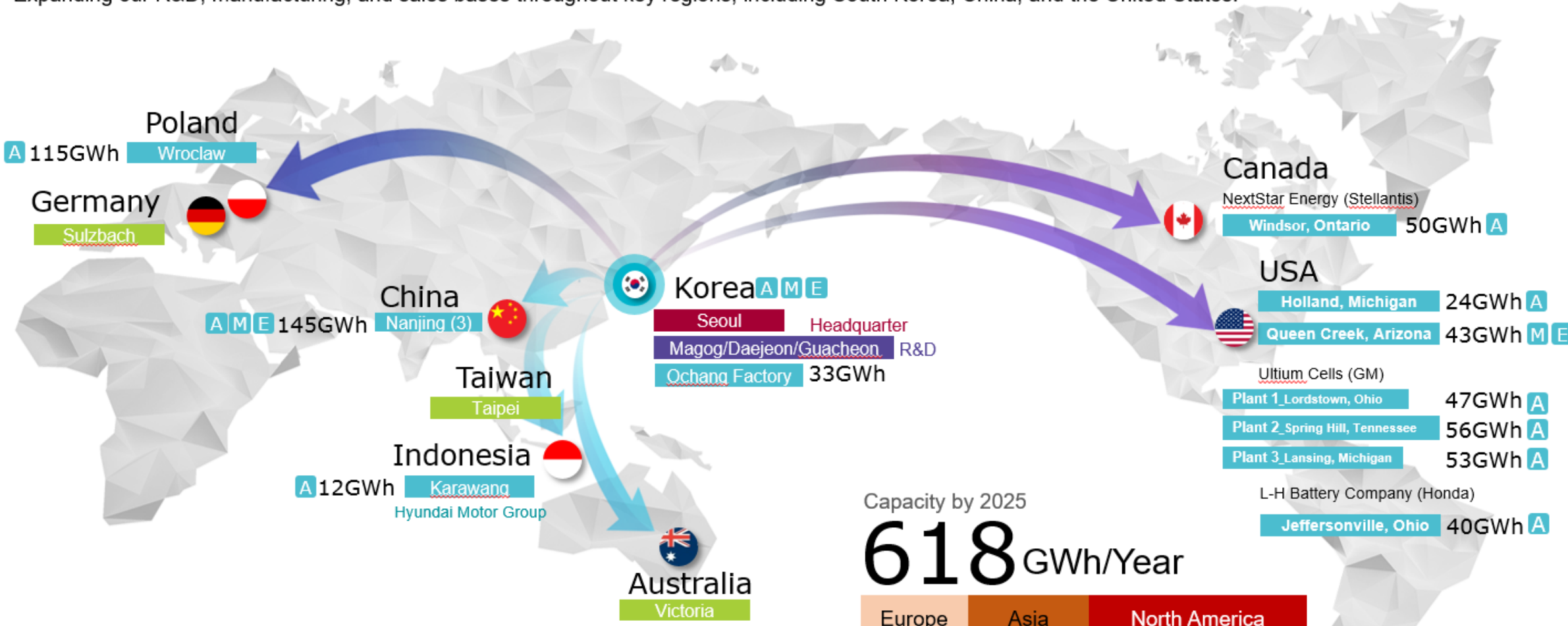


Company	Announced Capacity (Gwh)
LG EnSol	269
SK	186
Panasonic	79
Samsung	63
AESC	63
CATL	40
TESLA	39
ONE	20
Total	759
FORECAST	687

Note: Based on public announcements

Global Network

Expanding our R&D, manufacturing, and sales bases throughout key regions, including South Korea, China, and the United States.



Capacity by 2025

618 GWh/Year



Headquarter Manufacturing R&D Marketing

A Advanced Automotive **M** Mobility & IT **E** ESS

Creating LG Energy Solution's Unique Value

LG Energy Solution is building a unique corporate brand value, a specialized company that provides a variety of energy solutions for a better world.



Established
Dec 2020



Employees
20,000+



Business Areas
Advanced Automotive · Mobility & IT · ESS



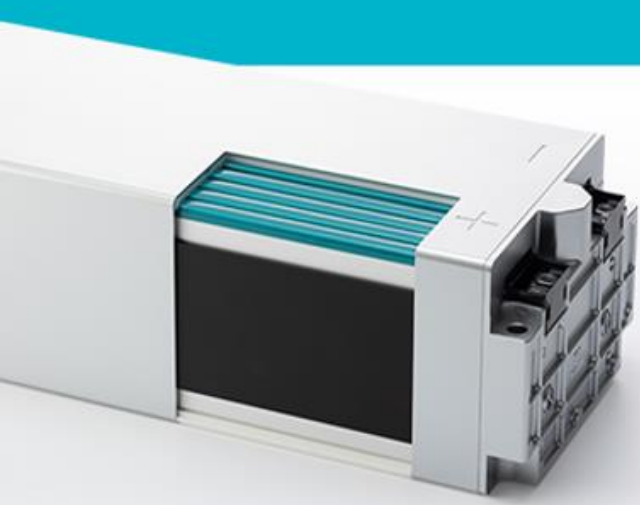
CEO
Kwon, Young Soo



Revenue
\$10.5B (as of 2020)



Manufacturing Facilities
Korea · USA · Poland · China



LG Energy Solution pioneered South Korea's untapped battery industry, overcoming a series of concerns and difficulties with a daring spirit, and has recently laid the foundation for the profitable business model before anyone else in the field. Our journey is to become an enterprise: that provides value above expectations through the best technology and product quality, that *improves life for mankind innovatively and leads environment-friendly progress*; and that *grows with its constituents and instills pride*.

- CEO's Opening Speech -

1947

LG Group

Subsidiaries **60+**

Overseas Offices **300+**

Number of Employees **250k+** (150k domestic/100k abroad)

Revenue **\$145B**

as of Dec 2020

1947

LG Chem

Petrochemicals

Advanced Materials

Life Sciences

Energy Solution

A Global Battery Company is Born

Spun-off from LG Chem's battery division in Dec 2020, unfolding the new era of a global battery frontier.

December 2020

LG Energy Solution

Advanced Automotive Battery

Mobility & IT Battery

ESS Battery



Many policy guidelines are supporting the growth of EVs, but there are more opportunities

- Inflation Reduction Act with the \$7,500 tax credit will clearly support the growth
- There are further policy guidelines to promote electrification
 - License plate acceleration
 - HOV/Parking advantages
 - Access to certain sections of the city
- Let's also support other sustainability and diversity efforts as a new industry!

THANK YOU

