



Envision AESC

**Team Kentucky's
46th Annual Governor's Energy & Environment
Conference**

October 18, 2022



The world's leading net-zero technology partner for enterprises, governments and organizations

- Envision Group is a world leading green-tech company
- With the mission of 'solving the challenges for a sustainable future', Envision designs, sells and operates smart wind turbines and smart energy storage systems through Envision Energy; AIoT batteries through Envision AESC; and the world's largest AIoT operating system through Envision Digital.
- Envision also manages a billion-dollar Envision-Sequoia Capital Net-zero Fund, and owns the Envision Racing Formula E team

Envision Group aspires to solve the challenges for a sustainable future, and create a world of beautiful energy

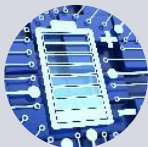
Envision Business



Envision Energy
World's champion on wind turbine and energy storage



Envision Digital
World's largest AIoT operating system EnOS



Envision AESC
Leading battery supplier with best safety track record

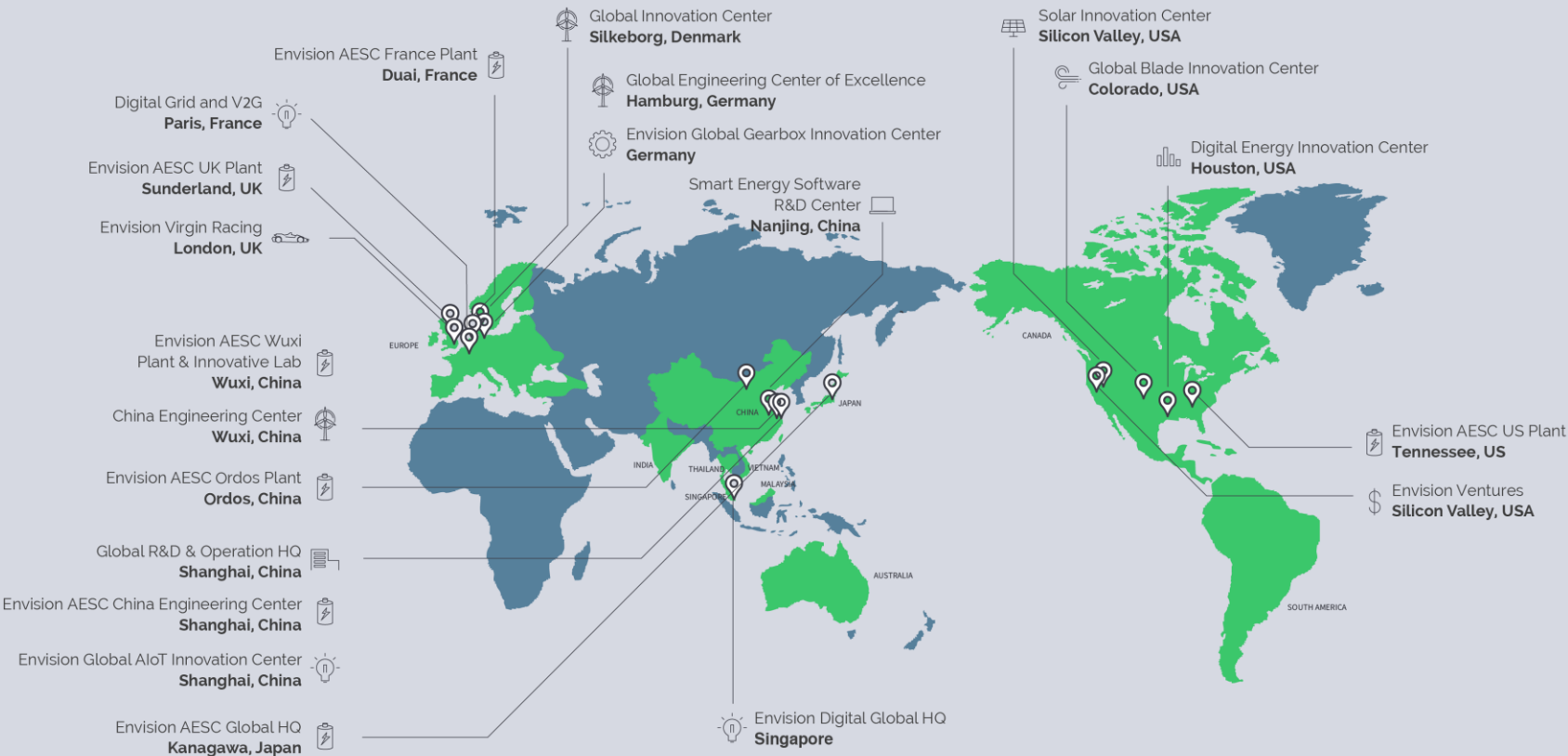


Envision Ventures
Leading global green tech investor



Envision Racing
Top 4 in 2020 Formula E World Championship

Global Innovation & Production





- In 2019, Envision ranked top 10 of MIT Technology Review's "50 Smartest Companies" list



- In 2021, Envision ranked #2 on Fortune's global "Change the World List", recognized for the key role it plays in getting the world to reach its aims for net-zero emissions

Commitment to Carbon Neutrality



Envision
Net Zero Tech Partner

2022

Achieve carbon neutrality in operations

2028

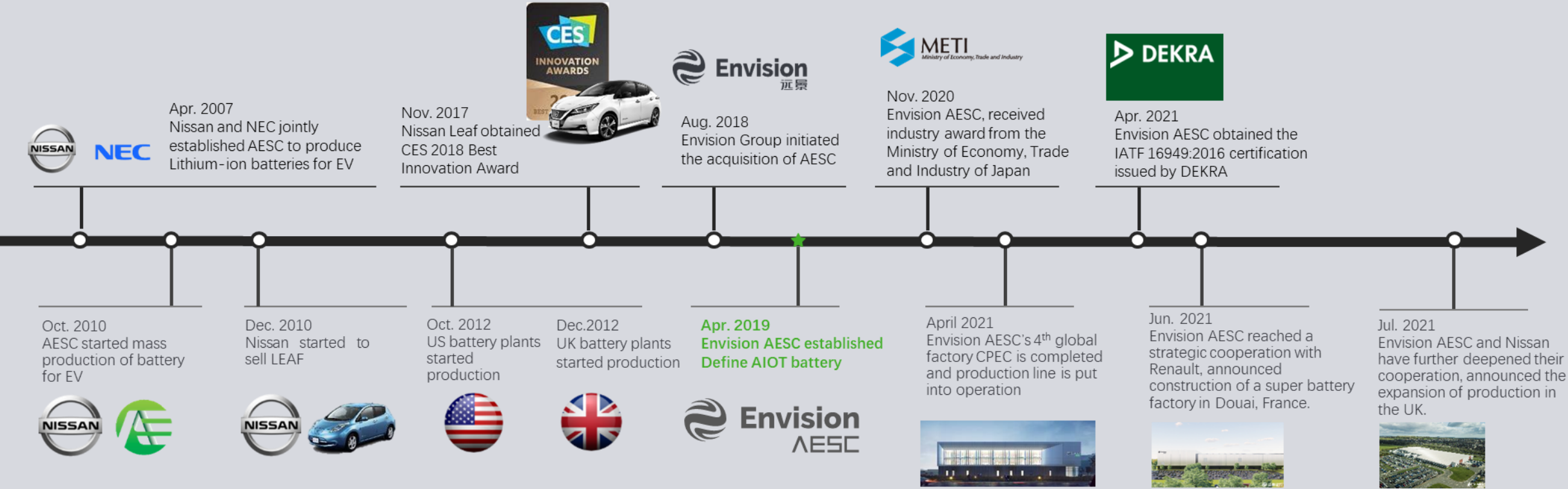
Achieve carbon neutrality in entire supply chain



Envision
AESC

Envision AESC

Over a decade of experience



April 2022



Envision AESC and Mercedes-Benz Announce New Battery Partnership

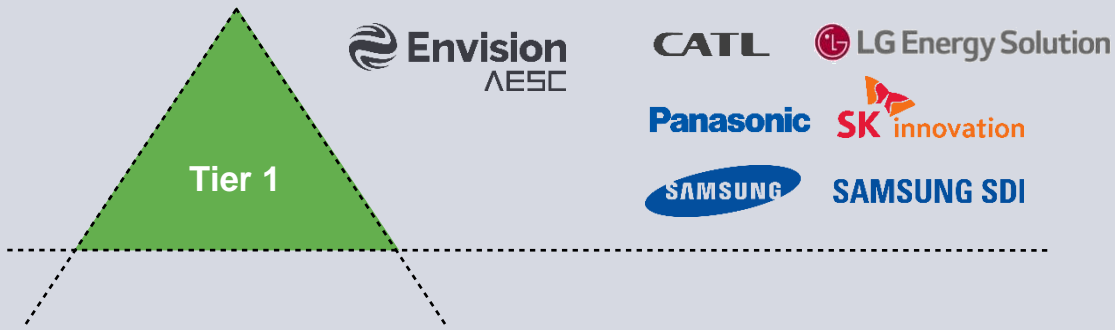
Envision AESC chooses Bowling Green

Envision AESC will supply high-performance battery cell modules to support end to end production of all-electric Mercedes-EQ vehicles in US.

Envision's planned investment in a new Gigafactory will form part of an ecosystem in the region, aimed at growing the local supply chain and developing the whole life cycle opportunities of batteries.

Envision AESC provides high-quality, long-distance, cost-competitive, and low-carbon battery products for the electrification of mobility and green industrial revolution

1 Categorized as "Global Tier 1 Battery Manufacturer" by Global Research Institute, Benchmark Mineral Intelligence



- Inherit the genes of world's top 3 automotive company
- The earliest mass production of EV battery for global OEM
- International production capacity and talent tool
- Combine high quality performance & long range with cost competitiveness

2 Exceptional safety record with zero critical incidents in 12-year company history



12 years

Experience of battery manufacturing

0

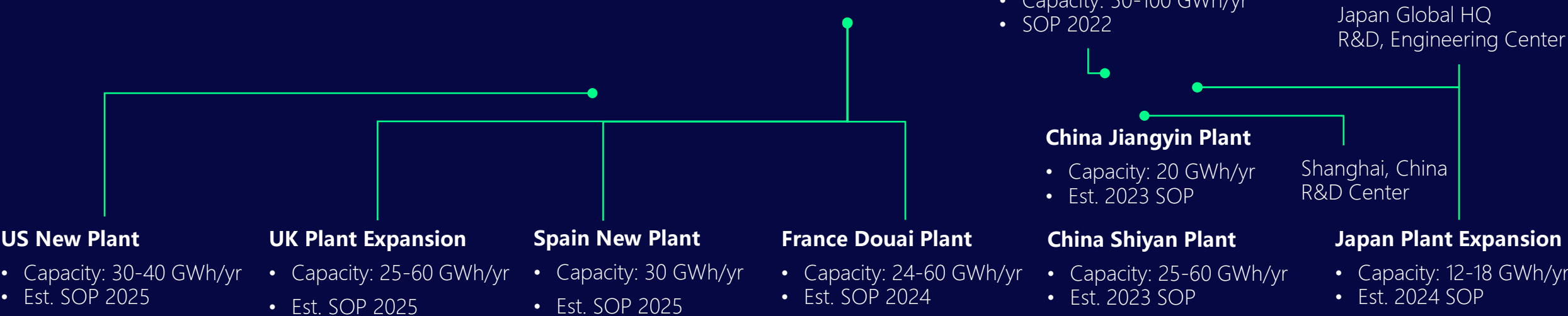
Zero Critical Accident
Product Quality

Extensive Experience of Constructing and Operating Giga-factories Globally

Capacity in Operation

- | | | | |
|---|--|--|---|
| Japan Zama Plant <ul style="list-style-type: none">• Capacity: 2.6 GWh/yr• SOP 2010 | US Smyrna Plant <ul style="list-style-type: none">• Capacity: 3.0 GWh/yr• SOP 2012 | UK Sunderland Plant <ul style="list-style-type: none">• Capacity: 1.9 GWh/yr• SOP 2012 | China Jiangyin/Ordos Plant <ul style="list-style-type: none">• Capacity: 20 GWh/yr (2022)• SOP 2021 |
|---|--|--|---|

300 GWh+ capacity plan by 2025
100% Zero-carbon operation



EAUS Production Footprint – Smyrna Plant Overview



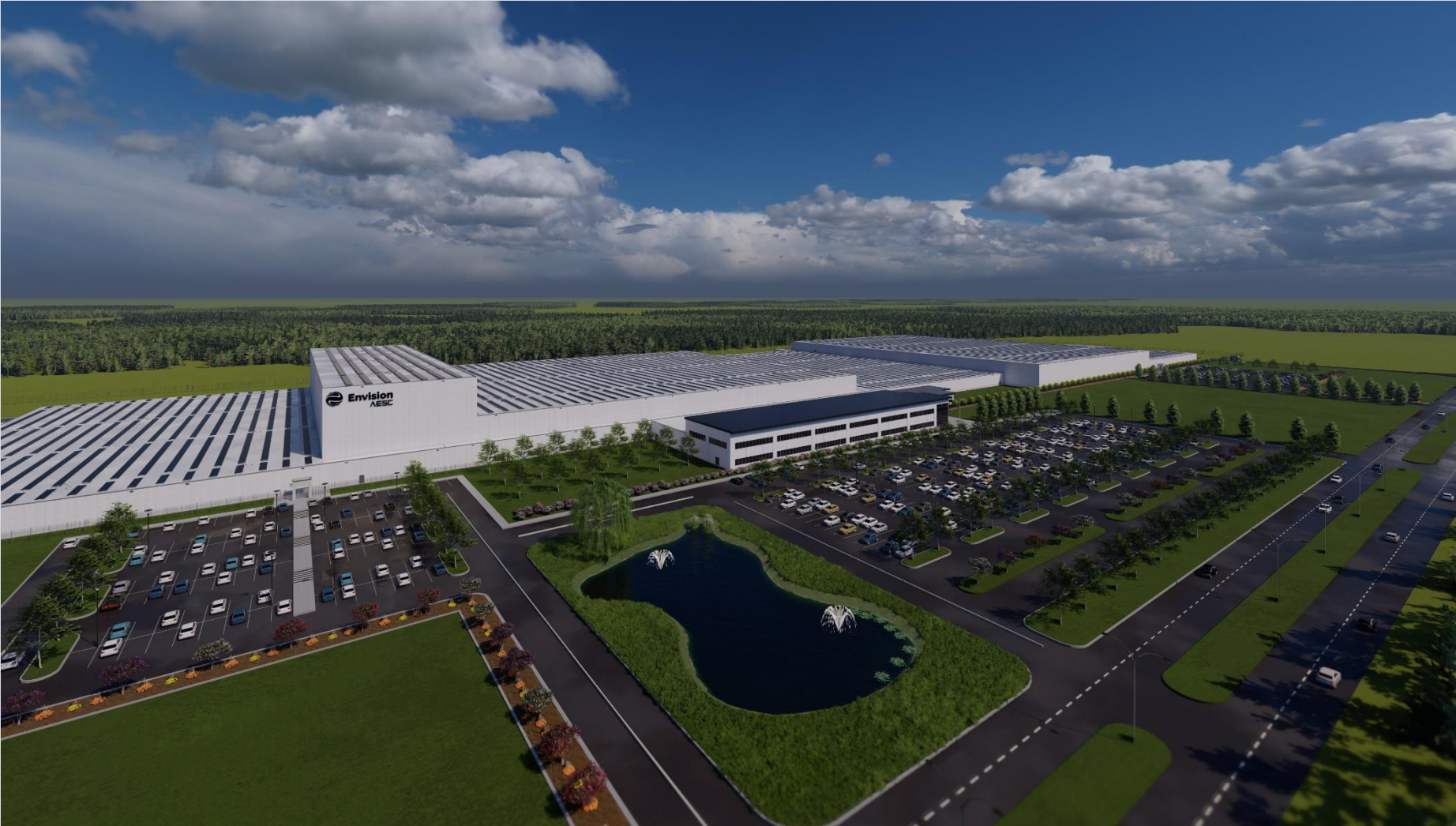
- Location: Smyrna, Tennessee
- Capacity: 3 GWh/Y
- Area: 500,000 sq ft
- 300+ highly skilled employees (10 Years Experience)
- ISO 9001-2015 (April 2017), ISO 14001 (Oct 2015)
- 100% Renewable energy



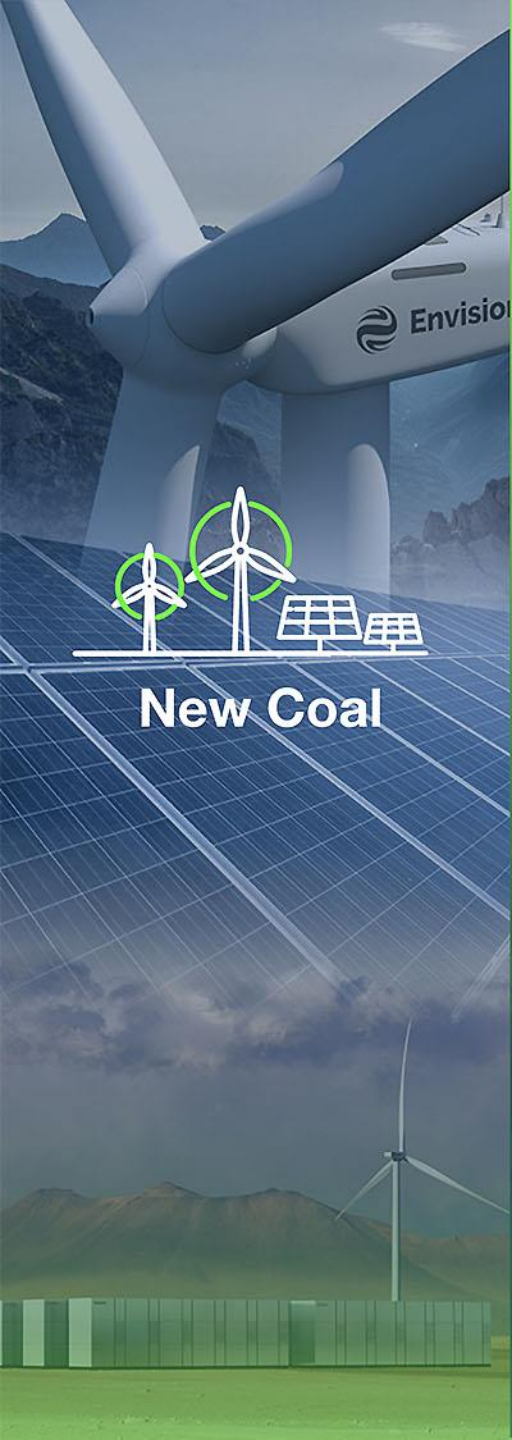
Envision AESC announces \$2B business investment in Bowling Green, creating 2,000 jobs

- “We are thrilled that Envision AESC – the world’s leading EV battery technology company – has picked Kentucky,” said Beshear. “Envision AESC is making the second largest economic development investment Kentucky has ever seen, investing \$2billion to build a new, state-of-the-art EV battery gigafactory in Bowling Green. This project will create 2,000 great jobs of the future for residents in the Warren County region.” - Gov. Andy Beshear
- The Bowling Green factory will be powered by 100% renewable energy, supplied by onsite generation and purchased locally from the Tennessee Valley Authority (TVA), according to the news release.

2nd Battery Gigafactory in US – Bowling Green, Kentucky



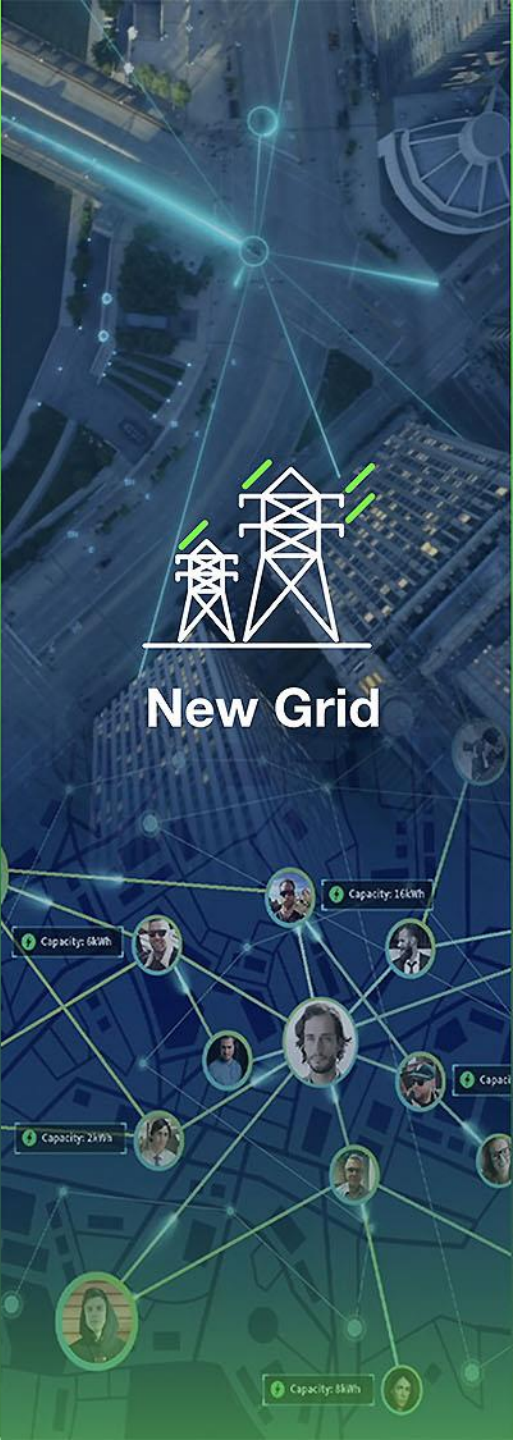
- Site: Bowling Green, KY
- Capacity: 30-40 GWh/Y
- Area: 512 acres
- SOP 2025
- 100% Renewable energy



New Coal



New Oil



New Grid



New Infrastructure



New Industry

Thank You