

POWIN

The background features a glowing green hexagonal grid that recedes into the distance, creating a sense of depth. A bright green light streak curves across the scene, adding a dynamic and futuristic feel.

The Power of Innovation

RENMAD ALMACENAMIENTO 2023

International Markets

March 30, 2023

Toledo, Spain



Powin at a Glance



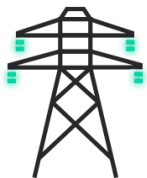
Our Vision

Our Vision is to lead the next frontier of energy by accelerating the transition to clean, reliable, and affordable power.

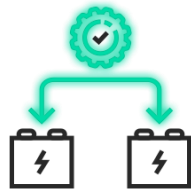


Our Mission

Our mission is to be the number one energy platform provider by delivering safe, scalable, and fully-integrated battery storage and software solutions.



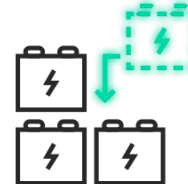
177,000 MWh
Discharged to the Grid



2,580 MWh
Deployed



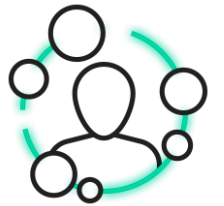
3,488 MWh
Under Construction



11,000 MWh
Under Contract



9 Locations
Around the World



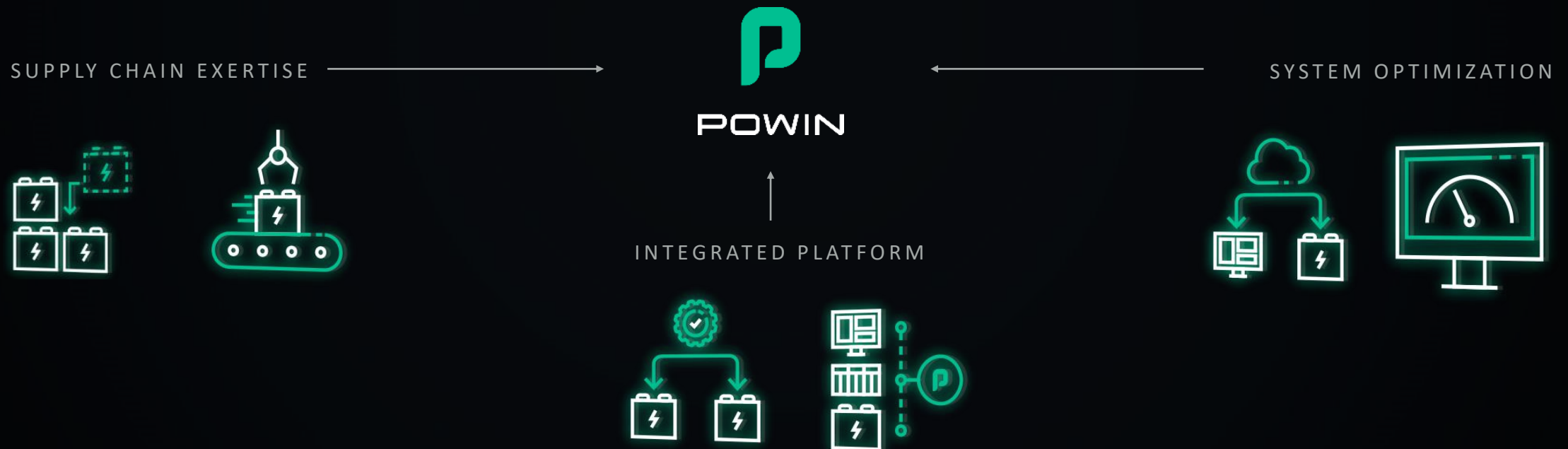
500
Global Employees

Our Global Footprint

17 GWh

awarded, under
construction, and deployed

Our Business Model | Uniquely positioned throughout the energy storage value chain



The Powin Battery Lab



A world-class battery test facility, located in Powin's Engineering headquarters in Tualatin, Oregon, Powin Battery Labs is capable of characterization and validation of batteries from **cell** to **system**.



Produces Cell Vendor Reports, which characterize new cells against Powin's standard to ensure safe and reliable integration of a diverse cell supply.

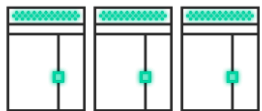


Characterize Powin's Stack™ Products to ensure reliable performance and produce critical modeling data.



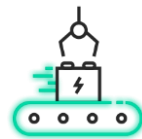
Provide world-class grid simulation capabilities to fully validate every integration and control strategy, prior to deployment.

eks Energy Facts & Figures



4,500 MWh

Installed



~3.7 GW/Yr

Manufacturing Capacity
in 5 continents



25+

Countries



150

Projects Deployed



20 Yrs

Of Experience



Experience in Taiwan

- Taoyuan AFC (First ESS project in Taiwan)

Size: 2MW / 3MWh
COD Date: Q4 2021

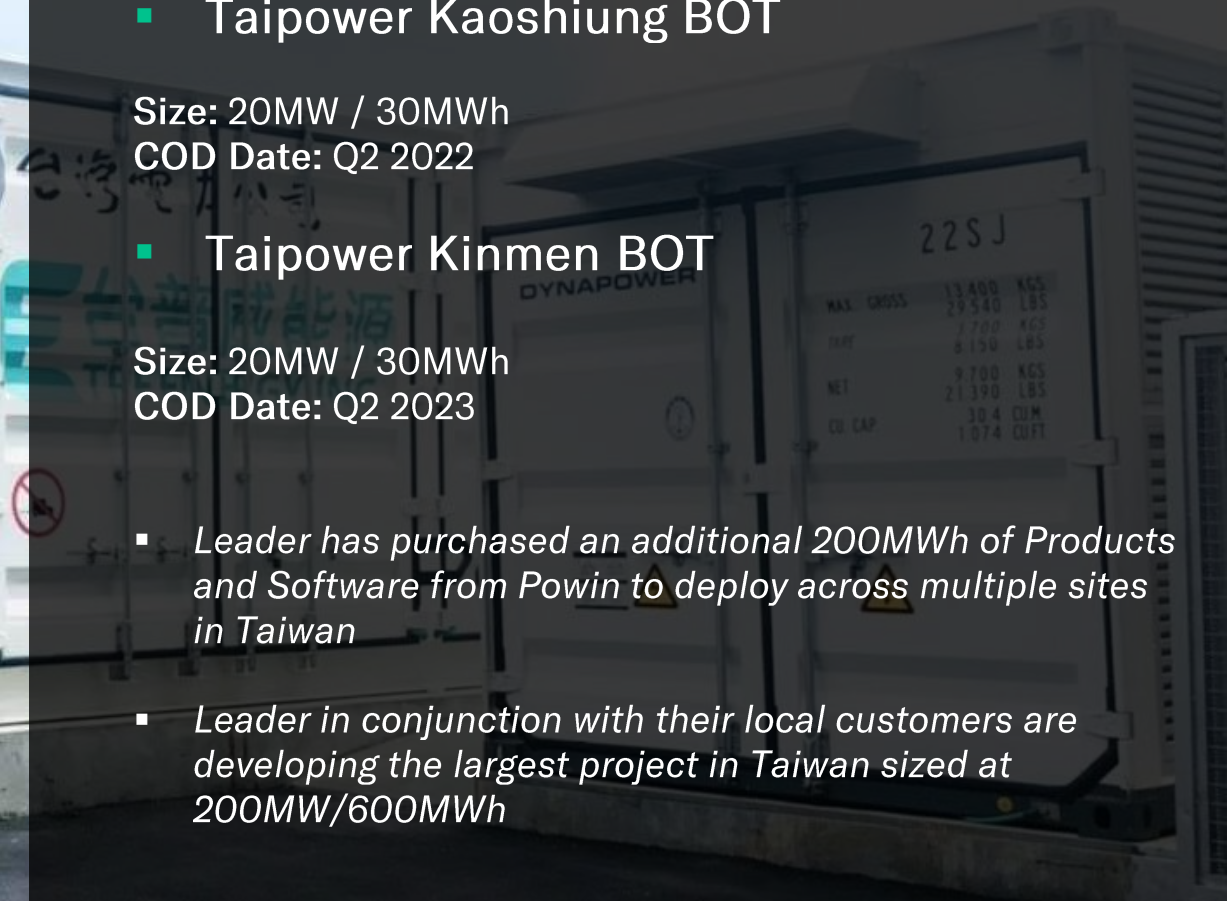
- Taipower Kaoshiung BOT

Size: 20MW / 30MWh
COD Date: Q2 2022

- Taipower Kinmen BOT

Size: 20MW / 30MWh
COD Date: Q2 2023

- Leader has purchased an additional 200MWh of Products and Software from Powin to deploy across multiple sites in Taiwan
- Leader in conjunction with their local customers are developing the largest project in Taiwan sized at 200MW/600MWh





BlackRock.

WARATAH SUPER BATTERY

The Most Powerful Battery in the World

The battery will act as a 'shock absorber' in the event of any sudden power surges, including from bushfires or lightning strikes. The WSB will also integrate renewable energy into the grid and supply additional capacity on demand to ensure Sydney and the surrounding area have access to reliable energy.

Power: 850 MW

Energy: 1680 MWh

**Use Case: Grid services, load shifting,
renewables integration**

COD: Q2 2025

**Location: The Former Munmorah Power
Station, Australia**

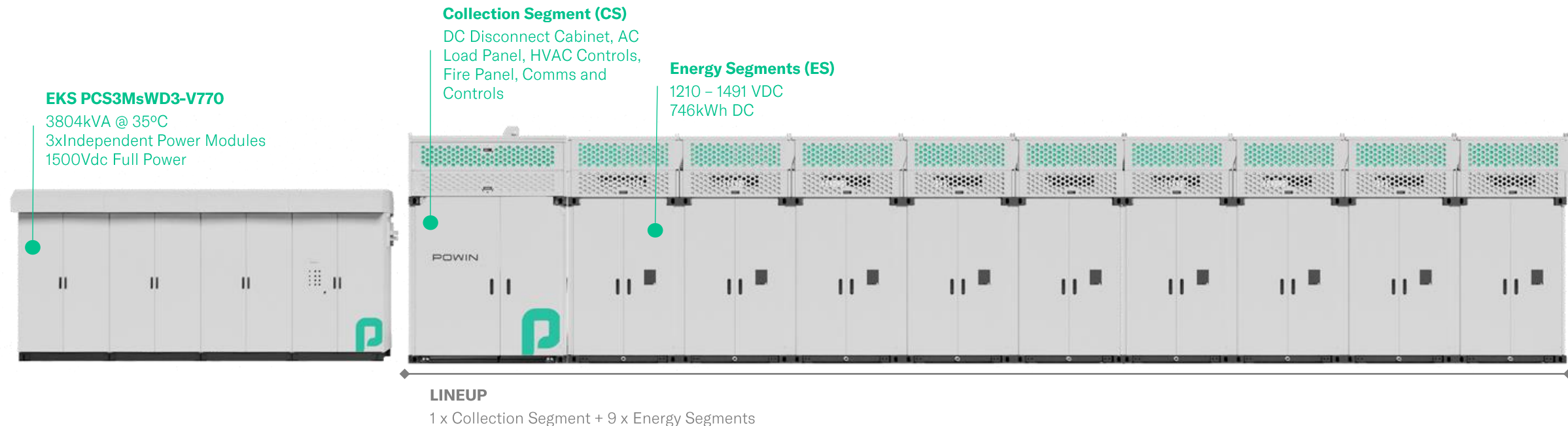
Solution - Arrangement



BlackRock

850MW / 1680MWh @ POI

- 288 x EKS PCS3MsWD3-V750 / 2592 x Powin Energy Segments
- Each PCS has 3 independent Power Modules
- Each PCS connected to one battery lineup: 1 x Collection Segment & 9 x Energy Segments
- 2 x PCS per MVT





POWIN

Thank you!

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