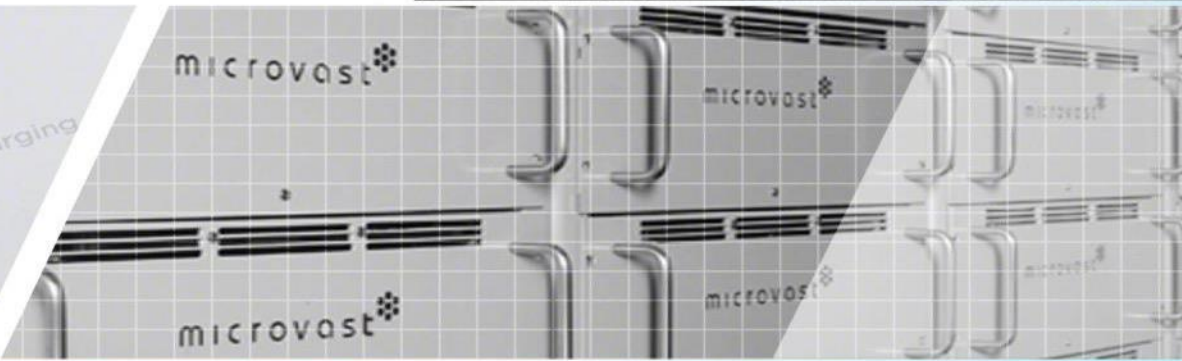
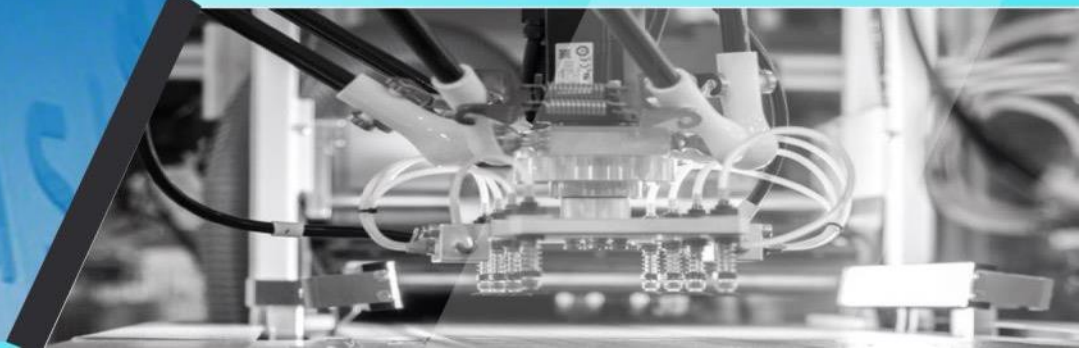


microvast 



MICROVAST BATTERY SOLUTIONS FOR A SUSTAINABLE FUTURE

2021



Microvast at a Glance

Battery Technology Innovator Driving the Electrification of the Commercial Vehicle Market



Vertically Integrated, Fully-Owned
Proprietary Technology Portfolio

28,000+

Battery Systems in Operation

19

Countries where Products
Are in Operation

1,800+

Total Employees

microvast 

160+

Cities where Products
Are in Operation

500+

R&D Personnel

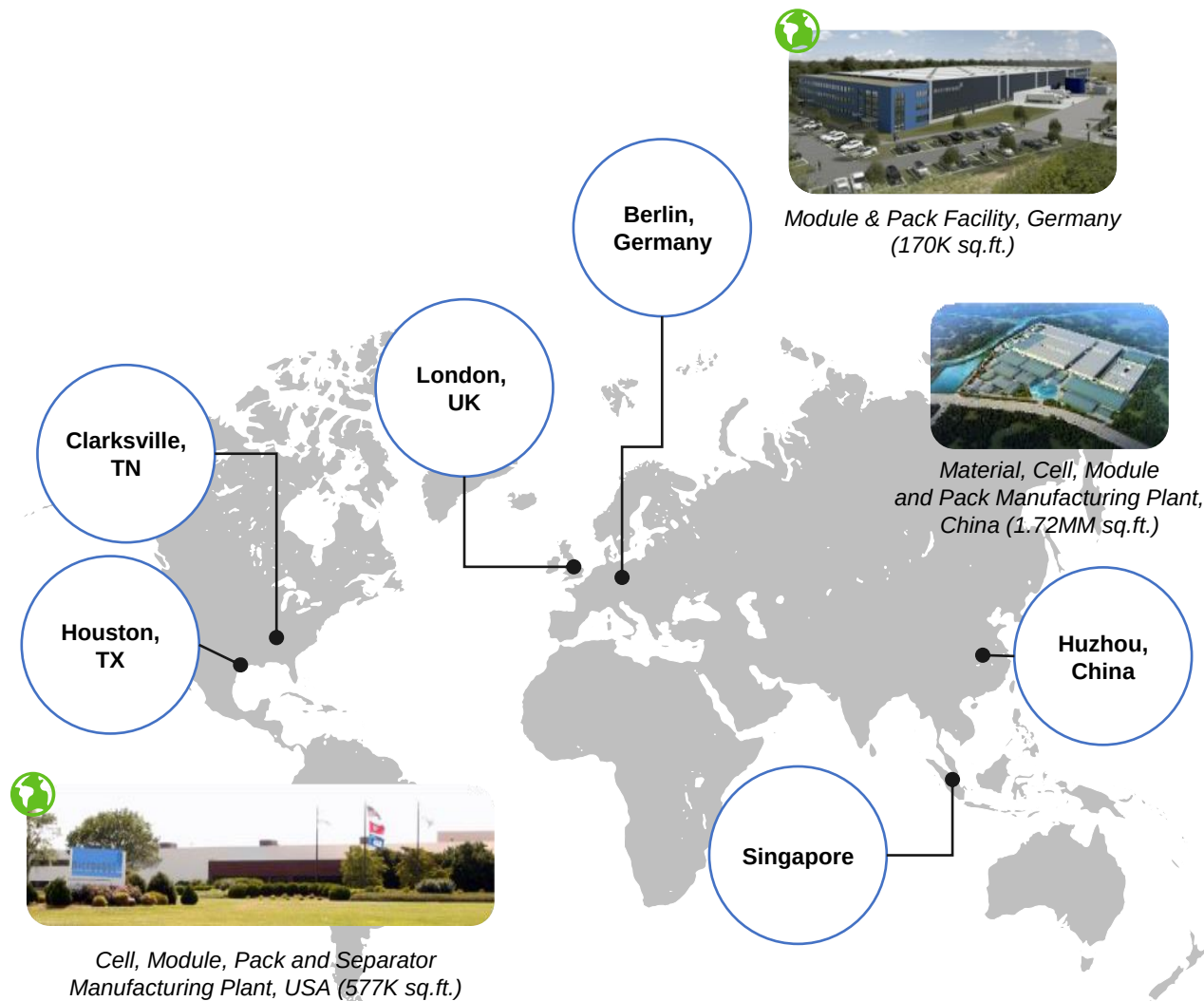
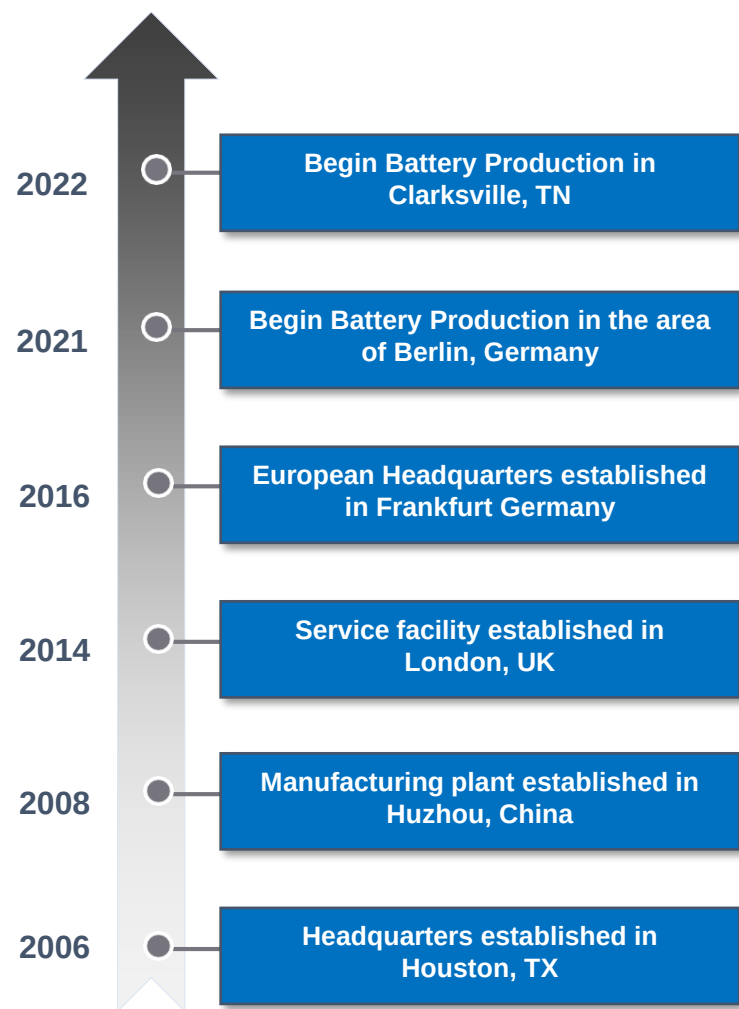
6.1 Bn+ km

Operational Distance Covered Without
Major Safety Incidents

550+

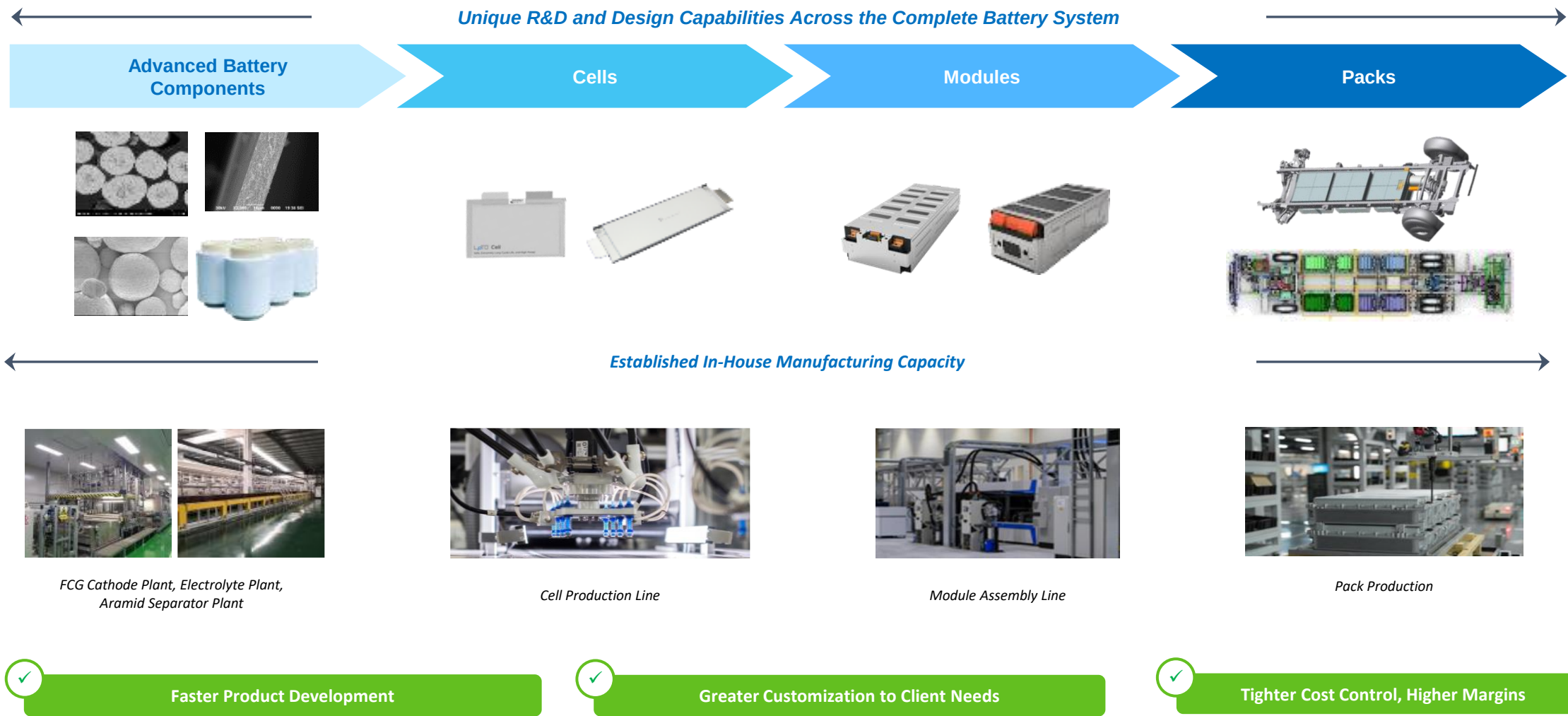
Patents / Patent Applications

Microvast Milestones & Global Presence

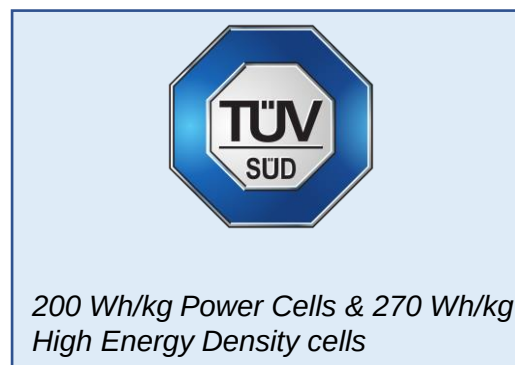
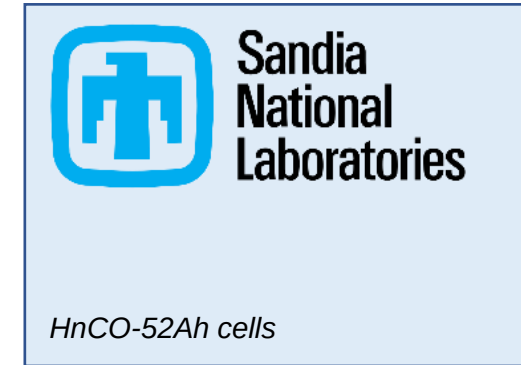
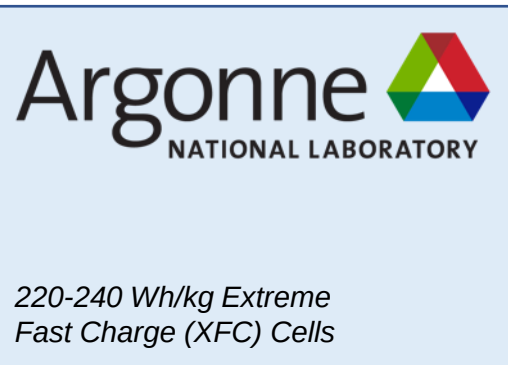


 Operation via green energy supply

Microvast's Complete Vertical Integration



Microvast Proven Technology Supported by Extensive 3rd Party Testing and Validation



Microvast Turn-Key Battery Solutions

Addressing Future Urban Mobility Challenges



COMMERCIAL VEHICLES (CV)

Trucks	Light Duty Vans	Buses	Trains	Port Trucks / AGVs	Mining / Specialty Vehicles
					
7.5t – 40t Truck	Electric Delivery Vans	London Hybrid Bus	Trains, China	Port of Singapore	Heavy-Duty Mining Truck
Superior Performance vs. Competitors' Commoditized Solutions: PV ≠ CV		85 – 265 Wh / Kg Full Range of Energy Densities		2,500+ – 20,000+ Long Cycle Lives	
				10 – 30 Min. Best-in-Class Charging Performance	

PASSENGER VEHICLES (PV)

Passenger Cars	Taxis
	
High energy density solutions to enable long range and fast charging	
200-265 Wh / Kg Energy Density	2,500+ – 8,000+ Life Cycles

ENERGY STORAGE SOLUTIONS (ESS)

Data Centers / UPS



Multiple cell chemistry solutions for a broad range of energy storage applications

Products tailored for high performance applications, e.g. frequency regulation, grid management

BATTERY COMPONENTS

Consumer Electronics



High performance battery components

Enable unique safety and performance characteristics

Microvast Standard & Certified Battery Solutions



Broad Portfolio of Cell Chemistries Suited to Specific Applications

LTO

Lithium Titanate
($\text{Li}_4\text{Ti}_5\text{O}_{12}$)

Ultra-fast charging, Ultra long cycle life,
Safest LIB chemistry

LFP

Lithium
Ferrophosphate
(LiFePO_4)

Lowest cost
Good cycle life

NMC-1

Lithium Nickel-
Manganese-Cobalt
Oxide ($\text{LiNi}_x\text{Mn}_y\text{Co}_z\text{O}_2$)

Ultra-fast charging
Long cycle life

NMC-2

Lithium Nickel-
Manganese-Cobalt
Oxide ($\text{LiNi}_x\text{Mn}_y\text{Co}_z\text{O}_2$)

Highest energy density
Fast charging
Long cycle life

Unique Capabilities Down to the Cell Level Enables Tailored Solutions

Cells



Modules



Packs



Microvast End-to-End Battery Development for A Sustainable Future



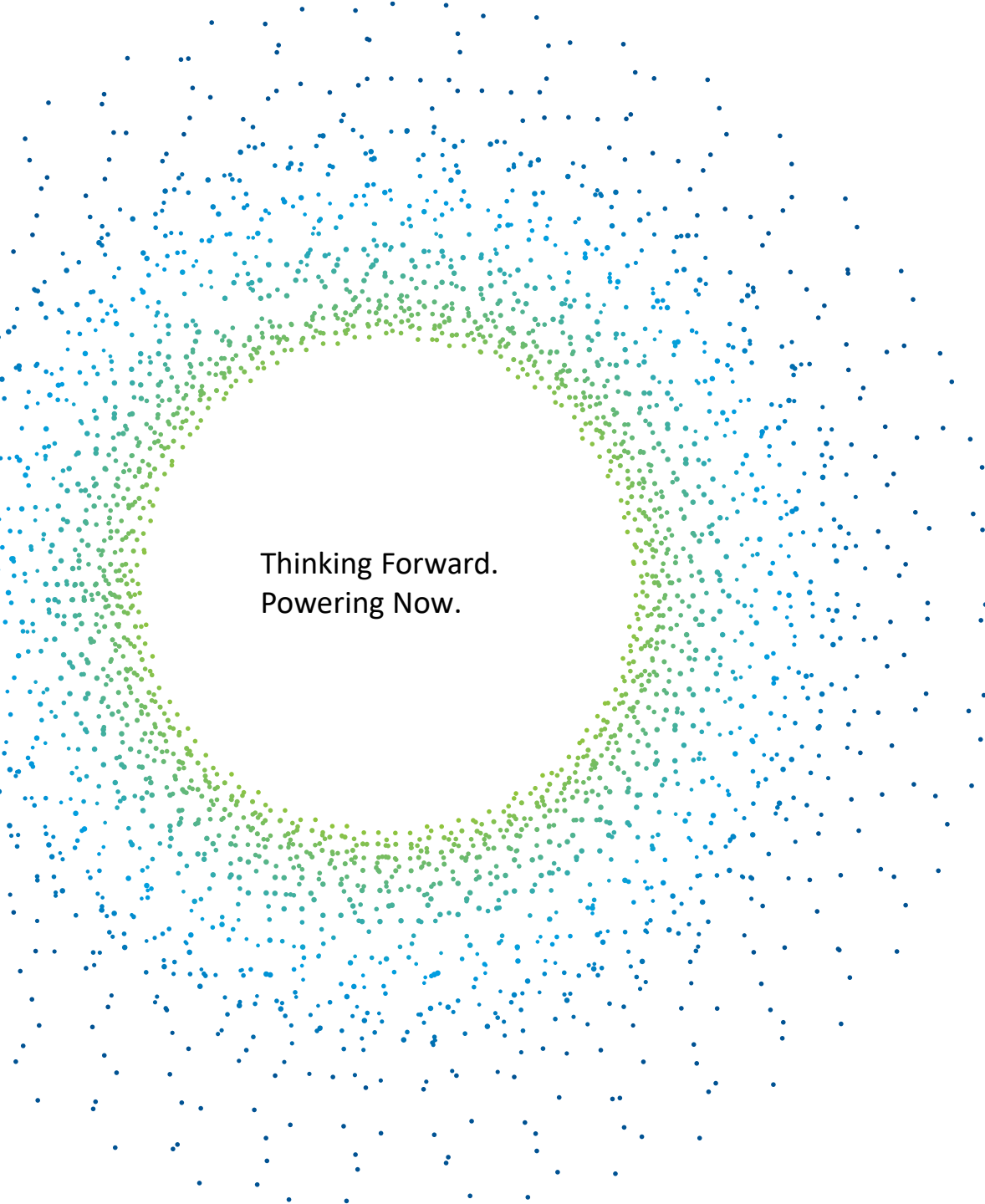


Microvast EMEA HQ & Central Plant

Weiterbildung in Transformationsprozess

- Neue Produkte werden für eine neue e-Mobile Welt geschaffen
- Anpassungen an die technologischen Veränderungen die Industrie 4.0 mitbringt, müssen an der Basis geschaffen werden
- Gezielte Weiterbildungsangebote müssen diese Transformationsprozesse begleiten, die Unternehmen unterstützt werden, durch die





Thinking Forward.
Powering Now.

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