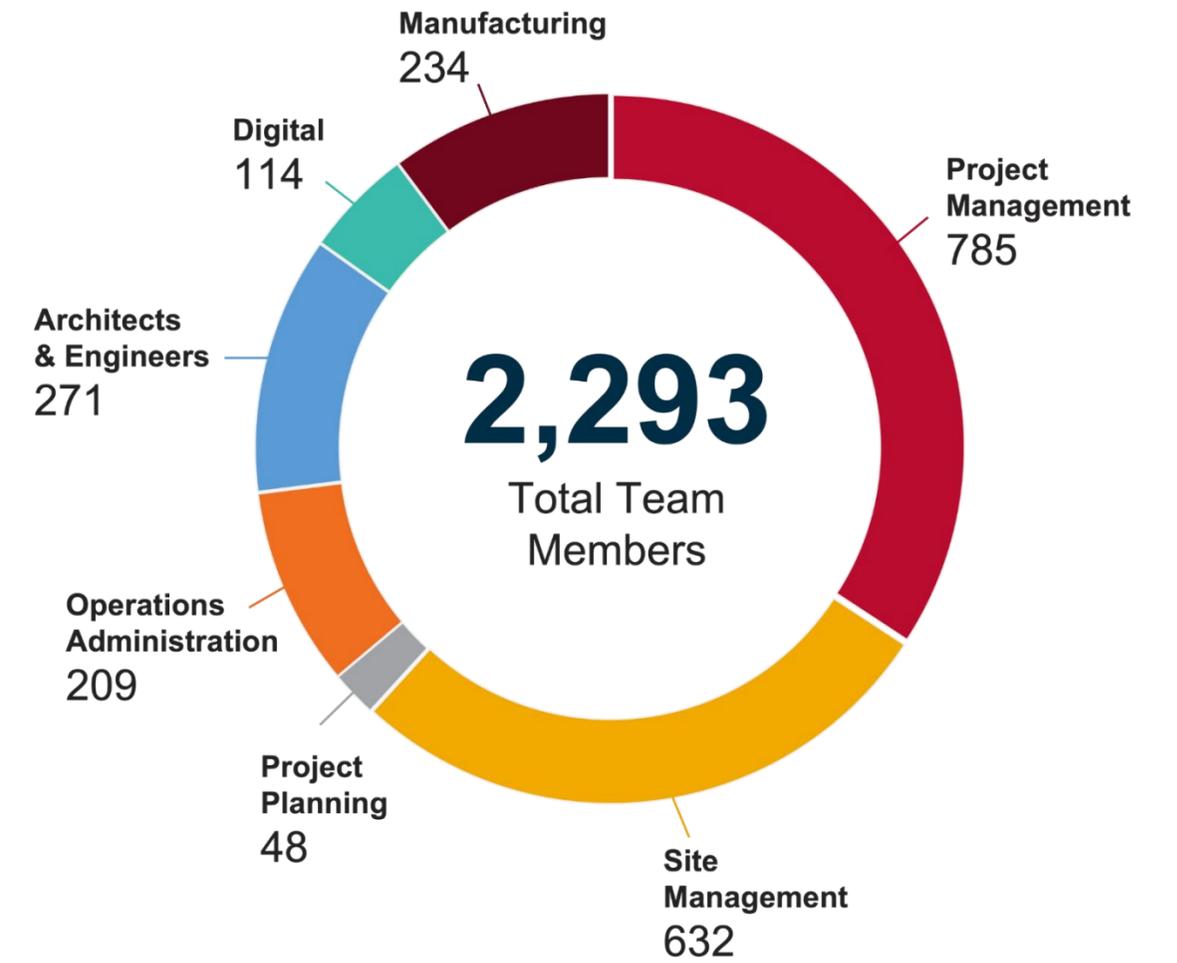
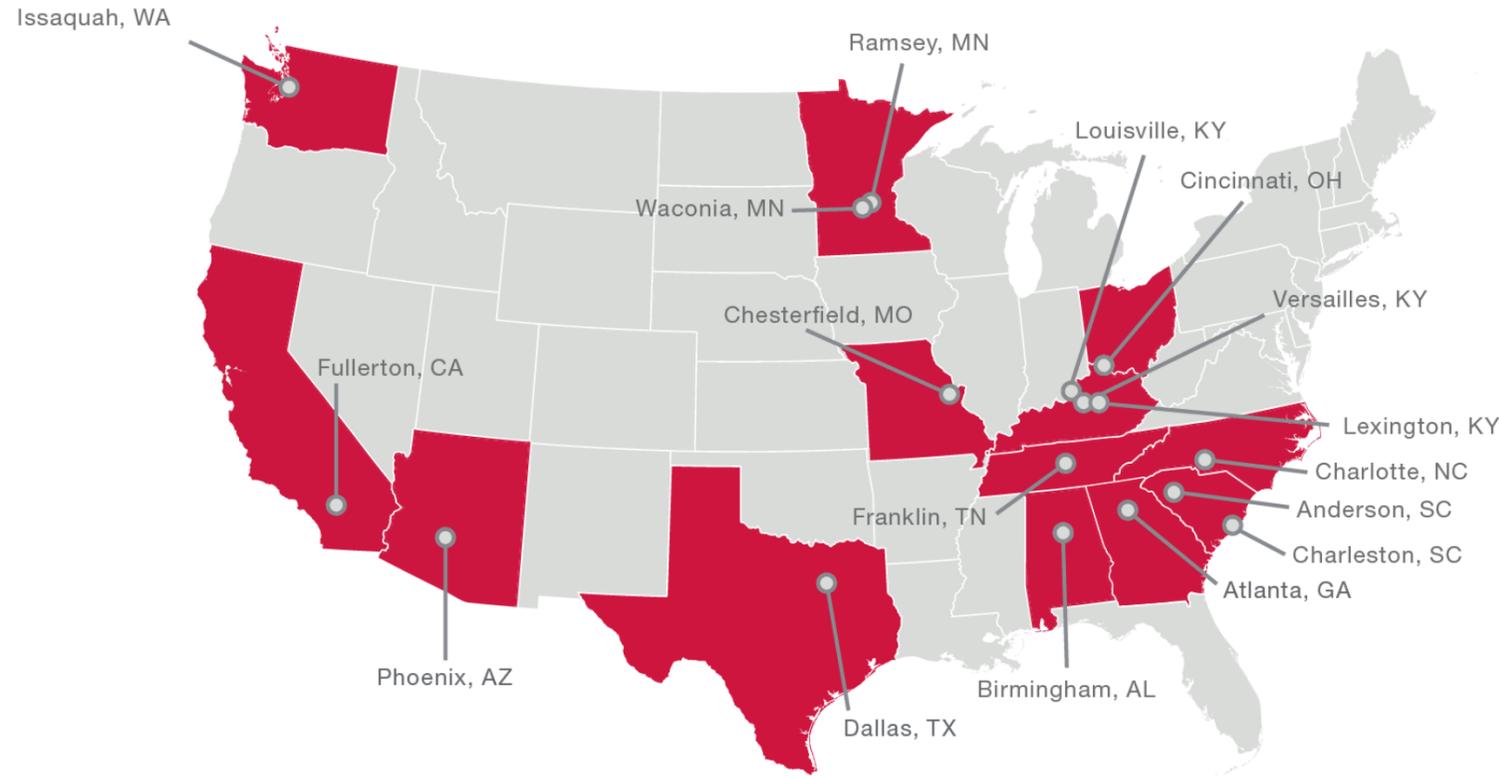




# 2026 ECG Economic Development Summit – State of the Industry



# Office Locations & Team



**15** U.S. Office Locations



**2** Equipment Skid Fabrication & Manufacturing Facilities

## United States:

Birmingham, AL  
 Phoenix, AZ  
 Fullerton, CA  
 Atlanta, GA  
 Lexington, KY  
 Louisville, KY

Versailles, KY  
 Ramsey, MN  
 Waconia, MN  
 Chesterfield, MO  
 Charlotte, NC  
 Cincinnati, OH

Anderson, SC  
 Charleston, SC  
 Franklin, TN  
 Dallas, TX  
 Issaquah, WA

## Europe:

Graz, Austria

## Canada:

Edmonton, AB

## Japan:

Yokohama, Kanagawa

# Gray's Integrated Services Offerings

| <br><b>STRATEGY</b> |
|--|
| Conceptual Designs   |
| Block Flow Process Design  |
| Proof of Concept   |
| Business Case Planning & Validation  |
| Master Planning  |
| Site Evaluation / Analysis   |
| Utility Evaluation   |

| <br><b>ENGINEERING</b> |
|---|
| Process Engineering   |
| Utility Design  |
| Automated Material Handling Systems   |
| Equipment Specifications & Design   |
| Controls, Automation & Information System Integration   |

| <br><b>DESIGN</b> |
|--|
| Pre-Construction   |
| Civil Engineering  |
| Structural Engineering   |
| Architectural Design   |
| Mechanical Engineering   |
| Refrigeration Engineering  |
| Electrical Engineering   |
| BIM & Virtual Design   |

| <br><b>BUILD</b> |
|---|
| Safety Management   |
| Project Management  |
| Site Management   |
| Equipment Procurement   |
| Facility Construction   |
| Equipment Installation  |
| Schedule Management   |
| Self-Perform Concrete   |
| Self-Perform Millwright   |
| Self-Perform Steel Erection   |



Pennant Park

# Atlanta, GA

Regional Office Location

45

Years working in the state

300+

Local Team Members

70+

Projects Completed in GA

20M+ S.F.

Total Number of Project Space

\$3.7B+

Total (Construction) Project Value



## Qcells

Integrated PV Manufacturing Facility  
Cartersville, GA | 2,500,000 s.f.



## Aurubis

Copper Smelting Facility  
Augusta, GA | 250,530 s.f.



## Yakult

Probiotics Facility  
Cartersville, GA | 270,000 s.f.



## Voestalpine

Automotive Stamping Facility  
White, GA | 85,268 s.f.



## Caterpillar

Equipment Manufacturing Facility  
Athens, GA | 820,300 s.f.



## Kubota

RTV Manufacturing Facility  
Gainesville, GA | 500,000 s.f.



## Gulfstream

Aviation Paint Hangar  
Savannah, GA | 72,562 s.f.



## NewCold

Advanced Food Logistics Facility  
McDonough, GA | 442,930 s.f.



## LG Hausys

Stone Countertop Facility  
Adairsville, GA | 205,804 s.f.

# Current Active Projects

## MARKETS

Food & Beverage

Data Centers

Manufacturing

Distribution & Commercial

Advanced Technology

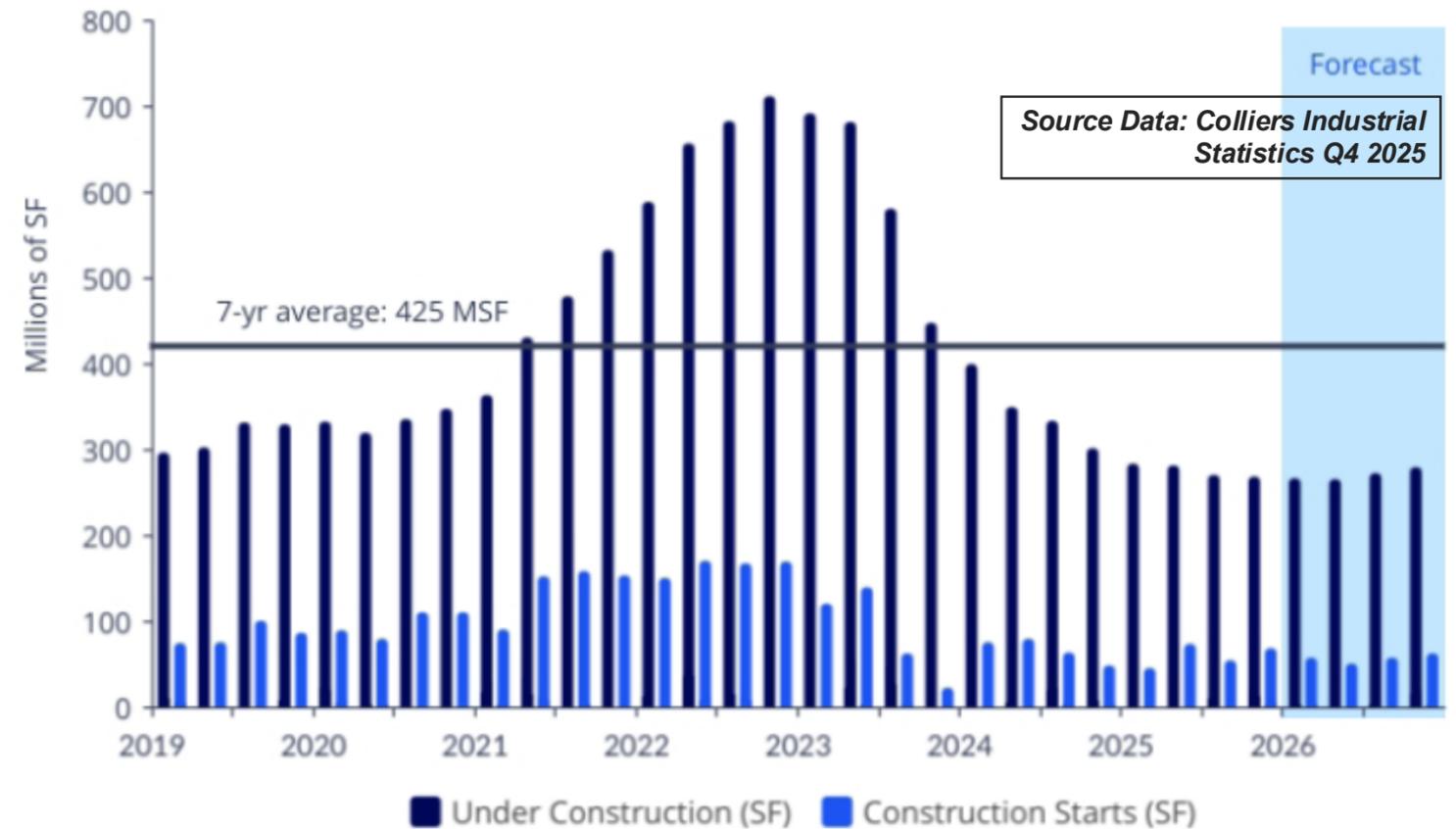


# State of the Industry.

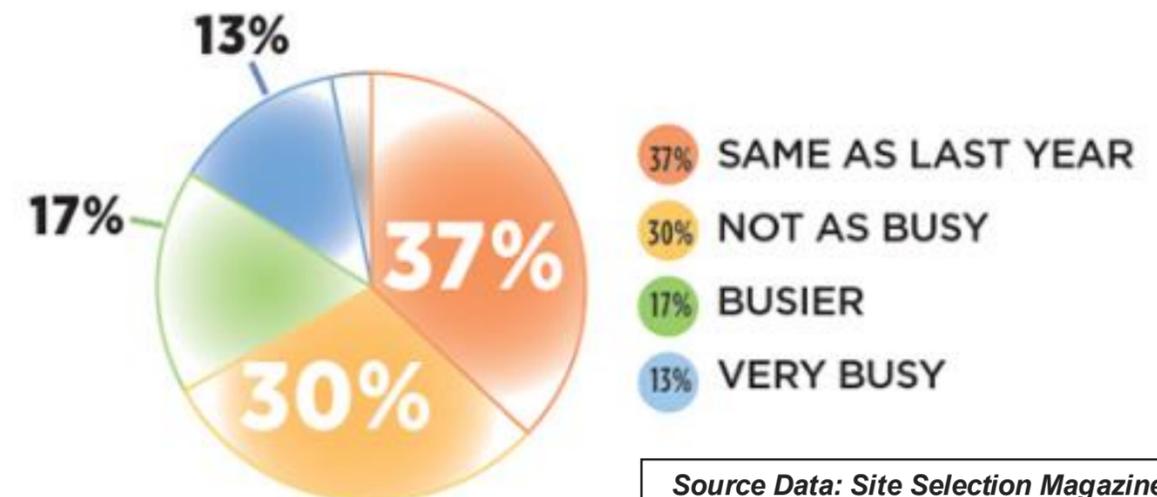
## Industrial Construction Pipeline

- Total industrial construction fell to 270M SF 2<sup>nd</sup> Half 2025
  - Lowest level since 2018
  - 62% decrease from 2022 peak of 711M SF
  - Anticipates bottoming out at ~260M SF next several quarters
  - 40% = BTS 60% = Speculative
    - Pre-Covid: 30/70
- Construction Activity fell YoY in 16 of 25 largest tracked markets
  - PHX steepest decline: 26.2M SF to 11.4M SF
- Manufacturing Construction saw ~\$35B in planned or announced projects delay or cancel in 2025 (~\$8B 4Q25)
- Total construction starts fell 20.5% in November 2025, largely due to fewer \$1B+ megaproject launches
- Economic growth is expected to be below potential = sizable downside risk in the near term for construction activity
  - Consumer spending: 2024 – 2.8%; 2025 – 2.1%; \*2026 – 1.1%

## Construction Pipeline to Hit Bottom in 2026



## How busy is your pipeline of prospects and projects now compared to this same time last year?



# Sector Outlooks

# Sector Outlook: Advanced Technology

## Market Trends

### Emerging

BESS  
PCB / Microelectronics  
AI Components

### Stabilizing

Energy Storage Systems  
Semiconductor Suppliers

### Declining

Mega Projects (Non-Fab)  
EV Battery Assembly  
Solar



## Market Threats

Power Infrastructure Resources  
Softening Market for EV  
Cost of Capital  
Federal Policy Shift

## Market Optimism

Long term utility investments  
Modernization of Defense Capabilities  
Expanding verticals – spec chem,  
microelectronics  
AI Boom and Value Chain Needs  
Domestic Manufacturing Resurgence

# Segment Spotlight: Microelectronics

Downstream ME (packaging, substrates, PCBs, EMS) will generate more buildable US projects than new fabs.

- OEM localization pressures are driving investment **after** the semiconductor fabrication stage.

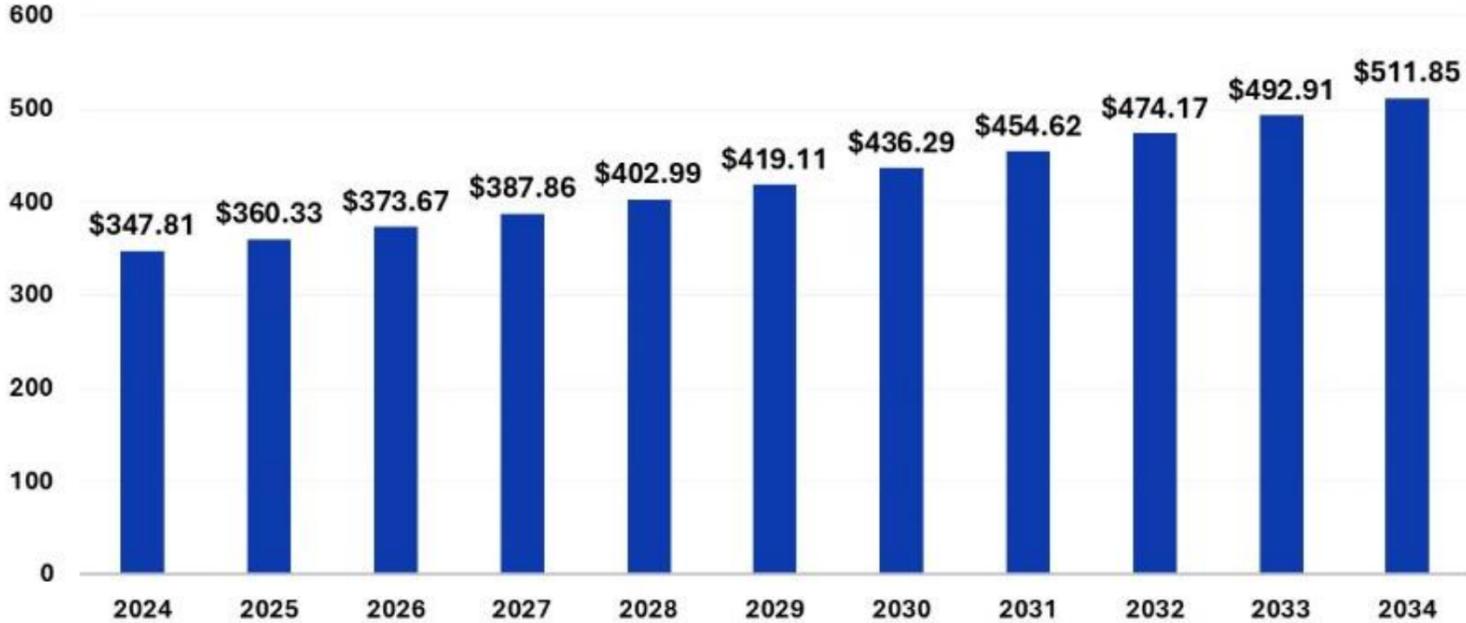
Automotive, defense, and industrial OEMs are now the gravitational centers of the ecosystem.

- MEMS, power electronics, embedded systems are likely project types for 2026-2028

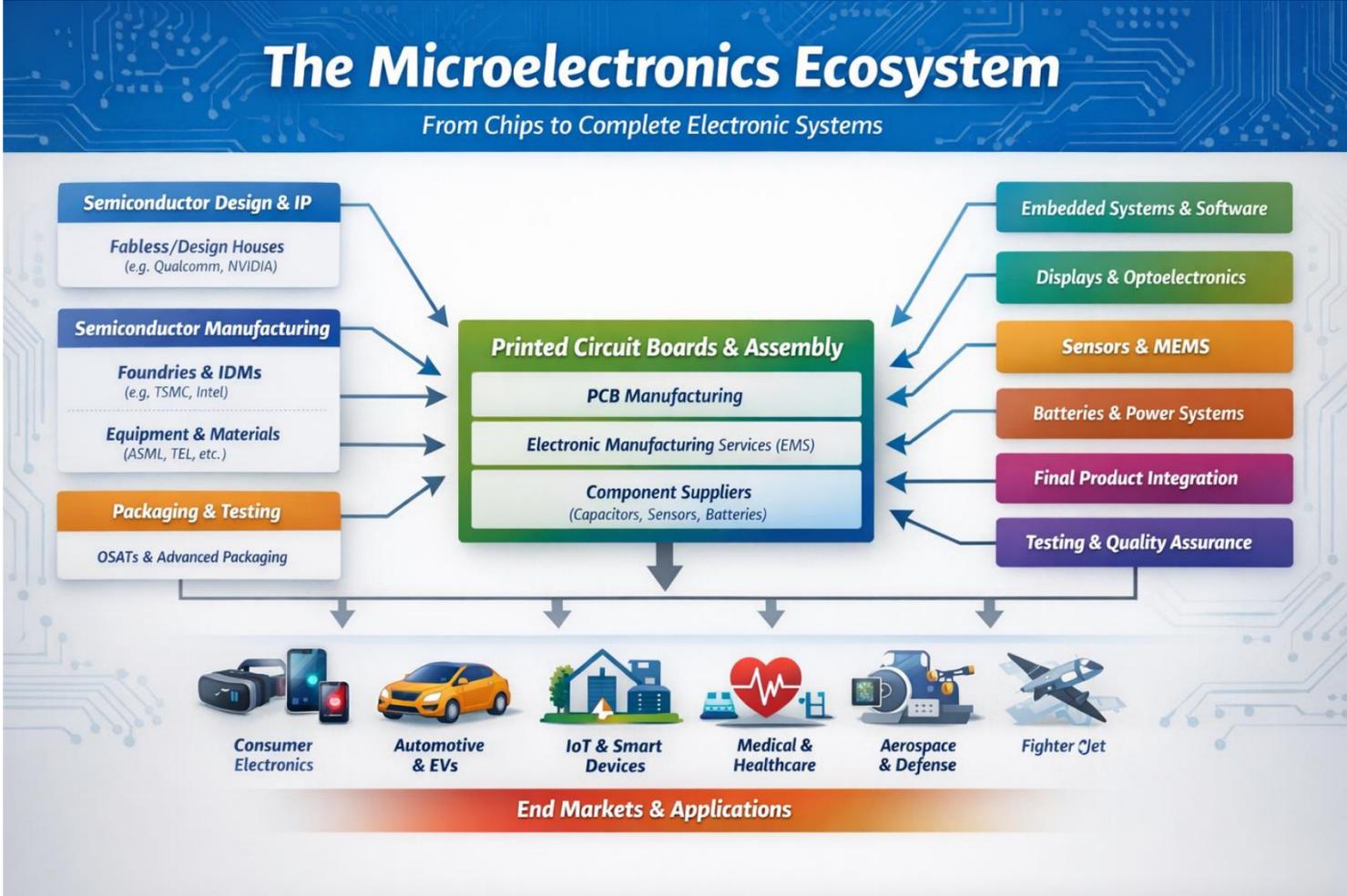
**Cluster Momentum is Real.** Suppliers are following the anchor projects into known geographies.



Microelectronics Market Size 2024 to 2034 (USD Billion)



Source: <https://www.precedenceresearch.com/microelectronics-market>



# Segment Spotlight: Robotics



## TOP 5 GLOBAL ROBOTICS TRENDS IN 2026

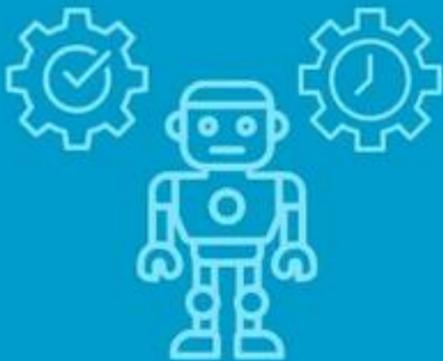
**1**  
**AI & AUTONOMY**  
**IN ROBOTICS**



**2**  
**ROBOTS GAIN**  
**VERSATILITY AS IT**  
**MEETS OT**



**3**  
**HUMANOIDS TO**  
**PROVE**  
**RELIABILITY AND**  
**EFFICIENCY**



**4**  
**SAFETY AND**  
**SECURITY IN**  
**ROBOTICS**



**5**  
**ROBOTS AS ALLIES**  
**IN TACKLING**  
**LABOR GAPS**



Find out more at:  
<https://ifr.org/ifr-press-releases/top-5-global-robotics-trends-2026>

Source: International Federation of Robotics

**Boston**  
**Scientific**

**BEDROCK**

**YASKAWA**

**FANUC**

**KUKA**

**Kawasaki**

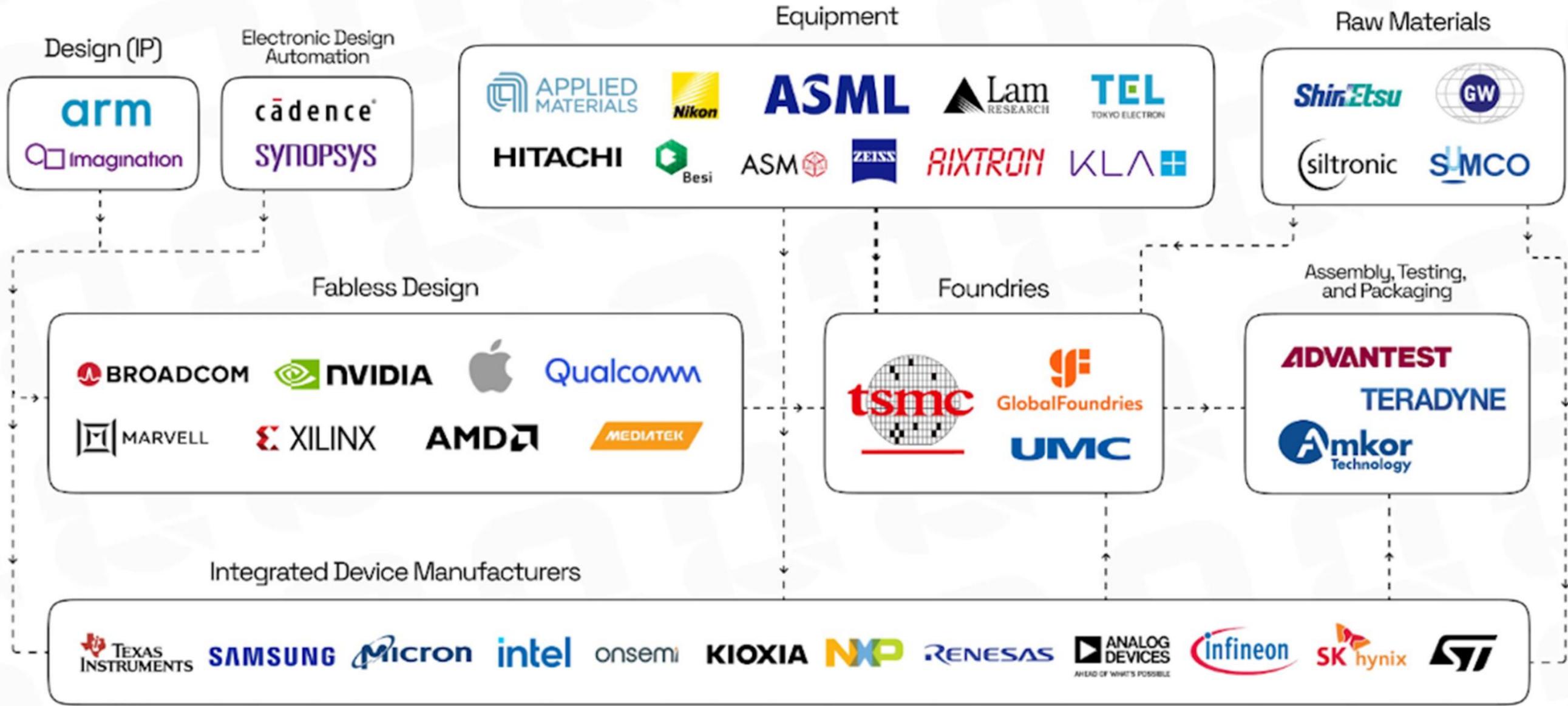
**RA** **Rockwell**  
**Automation**

**Honeywell**

# Segment Spotlight: Semiconductor

## The Semiconductor Value Chain

Created by  Quartr



Note: The exact flows might differ between companies (subsidiaries, hybrid business models, etc) | Created by Quartr\_App

# Sector Outlook: Data Centers

## Market Trends

### Emerging

AI Deployments  
On-site Generation  
Program Awards  
SCALE

### Stabilizing

Cloud Compute DC's  
Edge Compute DC's

### Declining

Stand-alone Enterprise Data Centers (IT Rooms)

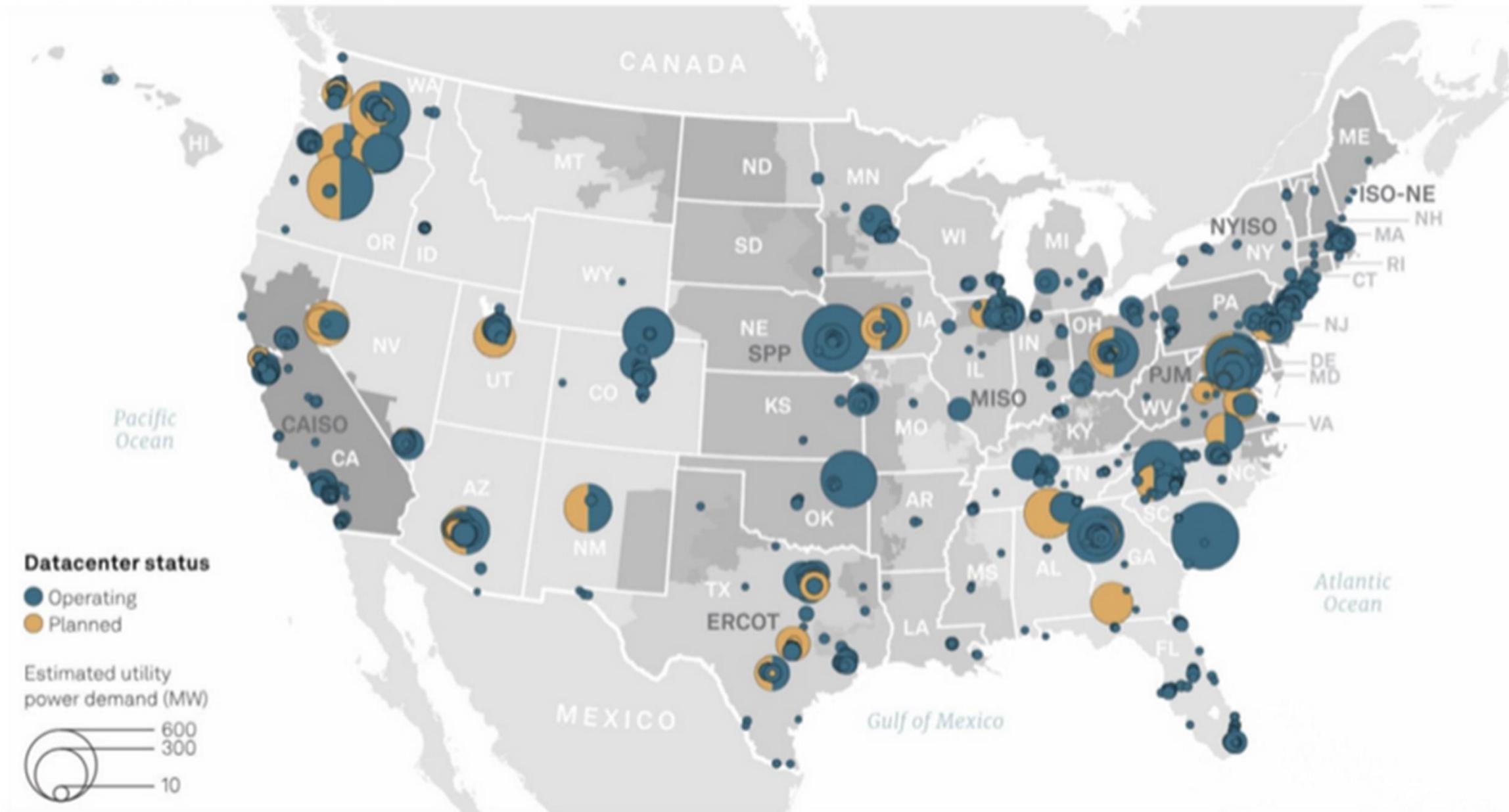


## Market Threats

Power & Water Availability  
Rising Operational Costs  
Supply Chain & Component Bottlenecks  
Community & Permitting Opposition

## Market Optimism

AI Consumer Demand (Personal & Business)  
Density Retooling  
Abundance of Capex



Sources: S&P Global Market Intelligence; 451 Research; S&P Global Commodity Insights

## What's Constraining Data Center Development Heading into 2026

Across major 2026 outlooks, power and delivery timelines emerge as the dominant constraints shaping where data center projects can realistically move forward

| Constraint                                     | Relative Importance (Index) |
|--|-----------------------------|
| Power availability / interconnection timelines | 100                         |
| Grid upgrade requirements                      | 92                          |
| Construction cost escalation                   | 78                          |
| Permitting and entitlement timelines           | 74                          |
| Land availability in core markets              | 56                          |
| Community / political opposition               | 48                          |
| Labor availability                             | 41                          |
| Incentive availability                         | 29                          |

*Indexed ranking based on emphasis across major brokerage outlooks; not a survey*

Source: JLL 2026 Global Data Center Outlook; CBRE U.S. Real Estate Market Outlook 2026 – Data Centers; Cushman & Wakefield Americas Data Center Update; Colliers 2026 Global Investor Outlook • Created with Datawrapper

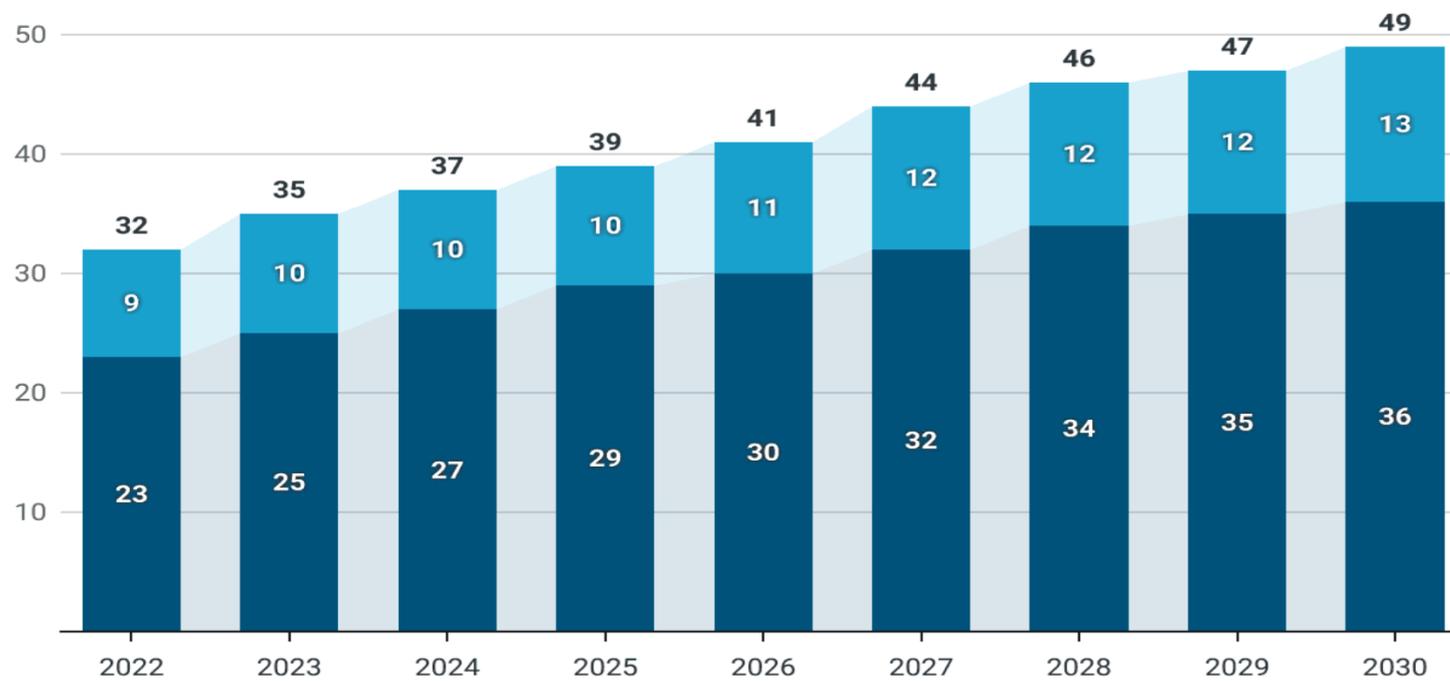
## Top Concerns for Companies:

- Design Flexibility (Power, Cooling, TI Retooling)
- Supply Chain & Construction Delays
- Securing Power (reliable)
- Modular implementation

## Global Data Center Construction Spending

Spending in USD billion

■ Co-location companies ■ Hyperscalers



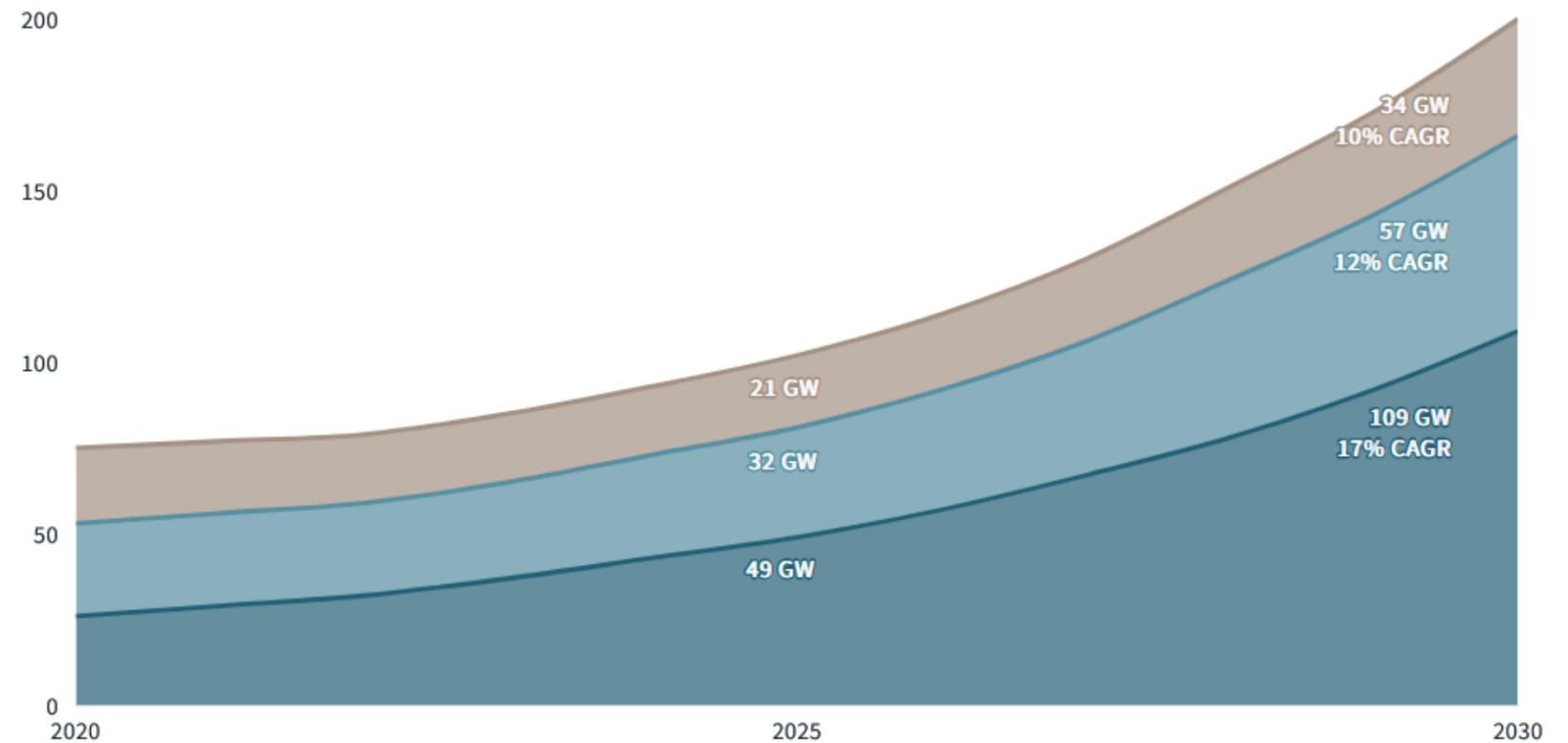
(Spending in USD billion)

Source: Market.us Scoop

## Nearly 100 GW of new data centers will be added between 2025 and 2030, doubling global capacity

Global supply forecast by region (GW)

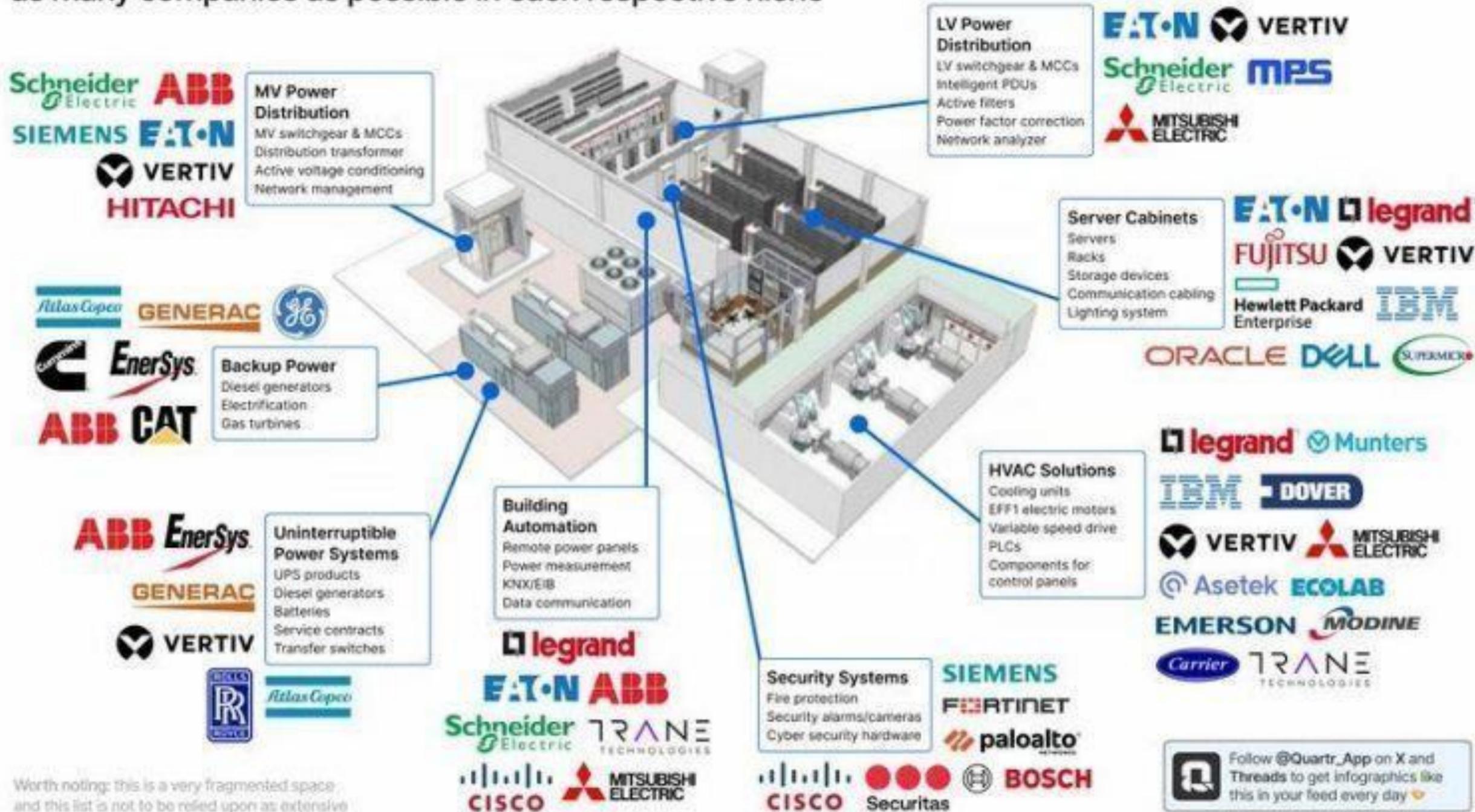
■ AMER ■ APAC ■ EMEA



Source: JLL Research, 2025 • Supply totals include colocation, build-to-suit, hyperscale owner-occupied and on-prem

# Data Center Power, Security, and Cooling

We used Quartr Pro's advanced search capabilities to localize as many companies as possible in each respective niche



Worth noting: this is a very fragmented space and this list is not to be relied upon as extensive

Follow @Quartr\_App on X and Threads to get infographics like this in your feed every day

# Sector Outlook: Food & Beverage

## Market Trends

### Emerging

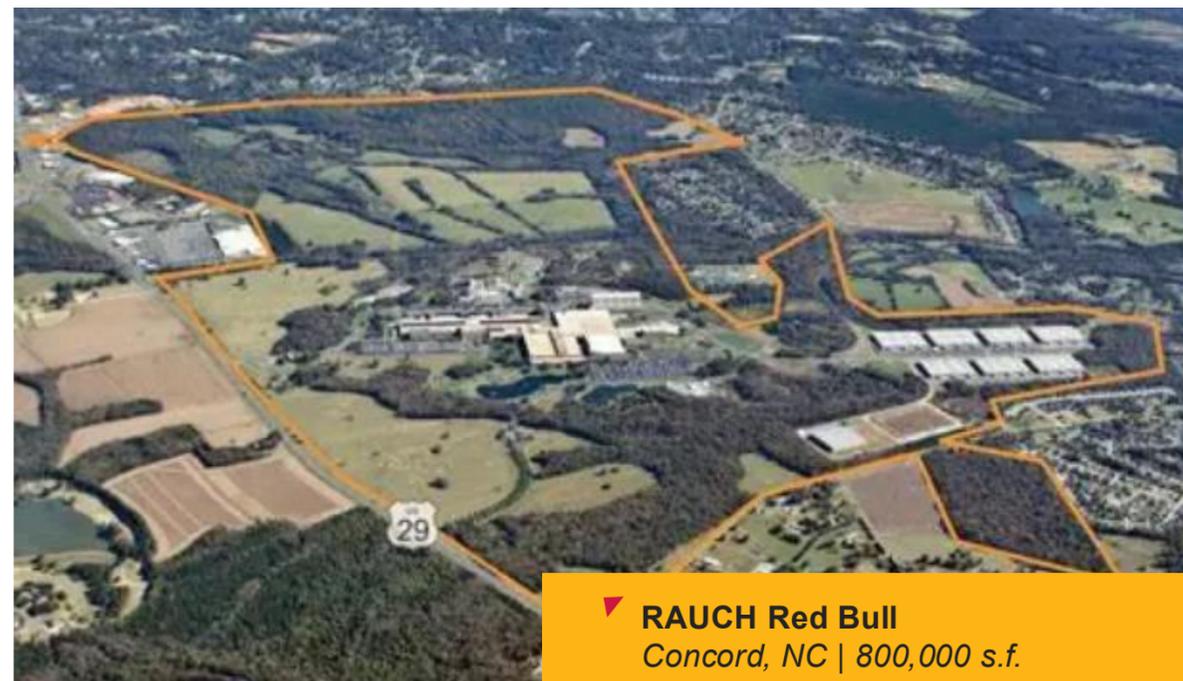
Asian Foods  
Flavorings & Ingredients  
Artisanal/Private Label Products  
Co-Man Capacity Needs

### Stabilizing

Protein  
Bakery/Snacks  
Confectionery  
Beverage

### Declining

Distilled Spirits  
Pet Food



## Market Threats

Razor-Thin Profit Margins  
Construction Costs  
Delayed Decision Making  
Tariffs  
Lack of Speed to Market Demand

## Market Optimism

Private Label Momentum  
Organics + Premium Wellness  
Outdated facilities and equipment  
Network optimization

# Food Production

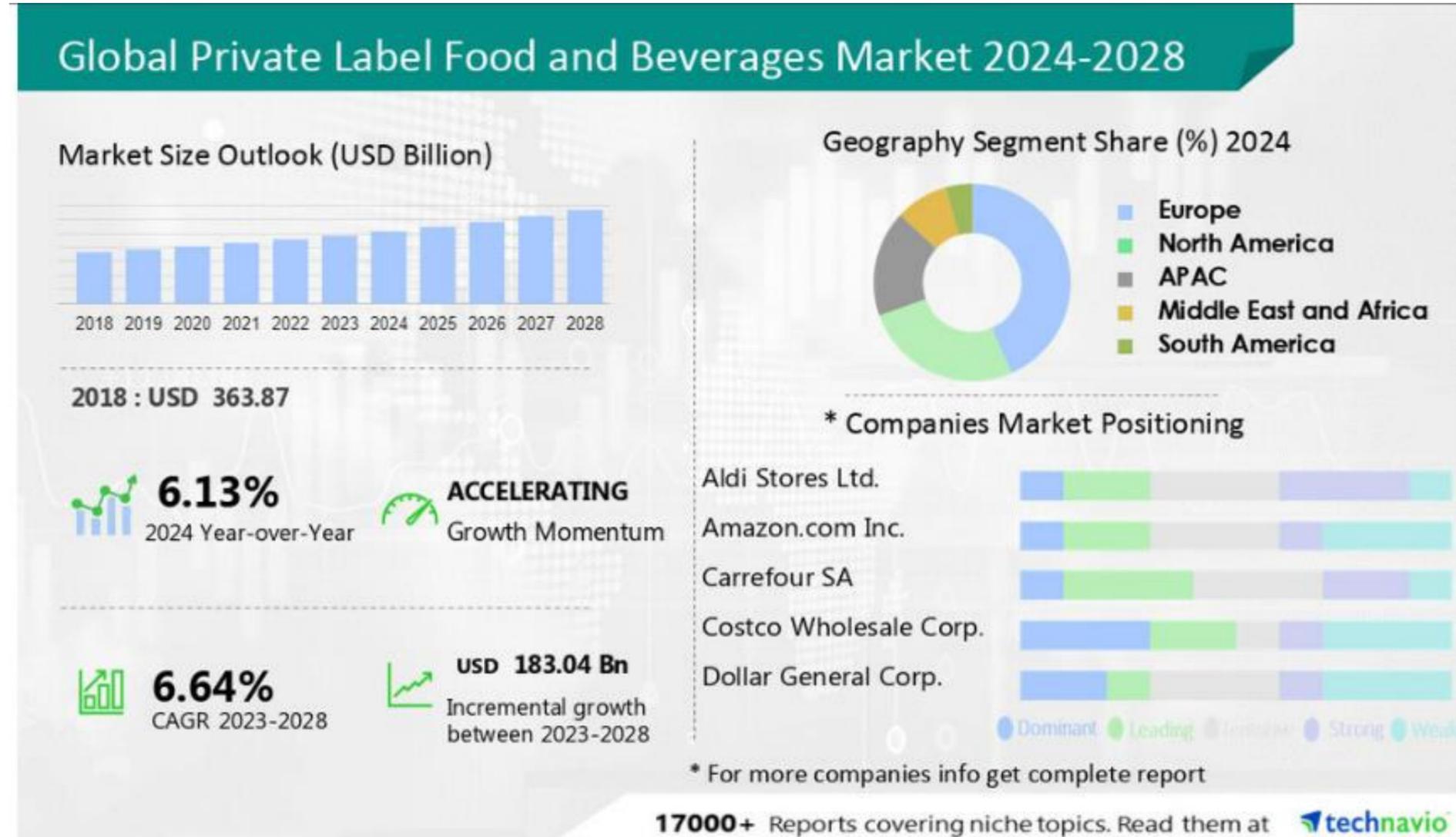
|                 | 3/12                            | 12/12             |                       |                    |
|-----------------|---------------------------------|-------------------|-----------------------|--------------------|
|                 | 1.8% <b>B</b>                   | 1.6% <b>B</b>     |                       |                    |
| <b>Margins</b>  | 6.9%                            | Trend is negative | 3MMA ^ 2023 27.3%     | 12MMA 2025 ^ 23.6% |
| <b>Profits</b>  | 6.9%                            | Trend is negative | 3MMA down 11.1% y-o-y | Dec '21 ^8.7%      |
| <b>Growth</b>   | Dec 2025 12MMA is a record high |                   | 0.1% above 2022 ^     |                    |
| <b>Forecast</b> |                                 | 2026 -0.1%        | 2027                  | 0.4%               |

^ signifies record high \* means record low

Source: ITR Economics

# Segment Spotlight: Private Label

- 2025 tariffs (10% base; up to 125% on some Chinese goods) reshaped private label supply chains.
- ~70% of U.S. manufacturers are moving production closer to home.
- Domestic sourcing = more stable costs, faster lead times, better quality control, and “Made in USA” appeal.
- 2026 trend: mixed sourcing — domestic for key items, overseas where cost matters most.
- Major global brands looking to preserve capital = increase demand at Co-Man levels



# Segment Spotlight: Life Sciences

## Market Trends

### Emerging

- Cell therapies
- Gene editing
- Synthetic biology
- AI drug discovery

### Stabilizing

- mRNA platforms
- Biosimilars

### Declining

- Small-molecule generics
- Blockbuster pharma
- Mass-market diagnostics



## Market Threats

- Capex freezes
- Announcements vs. Implementation
- Overbuilt labs
- Cost escalation
- Tenant defaults

## Market Optimism

- cGMP expansion
- Cell-therapy facilities
- Modular cleanrooms
- Retrofit demand
- Biomanufacturing reshoring

# Sector Update: Manufacturing

## Market Trends

### Emerging

- Defense
- Electric Infrastructure Products
- Chemical

### Stabilizing

- Automotive
- Metals
- Pulp / Paper
- Building Products

### Declining

- Solar
- Mega Projects



## Market Threats

- Green Vehicle Mandate Reversal
- Softening Market
- Consumer Spending Shifts
- Geopolitical Instability

## Market Optimism

- Pre-Covid Project Profile Mix
- Smart Technology Adoption
- PMI Expansion
- AI Boom

# U.S. manufacturing job announcements

2015-2025

- Activity present over past year, even as previously announced projects are being put on hold or canceled at historically high levels
- Top 3 sectors – Aerospace/Defense, Grid/Energy, Digital Infrastructure

Jobs **Capital investment**

2023024

**Legend**

- Announced in selected year
- Canceled or put on hold in selected year
- Announced 2015-2025

**Jobs**

**Capital investment**

500 2,500 >5,000

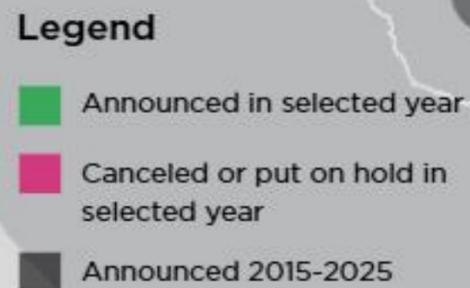
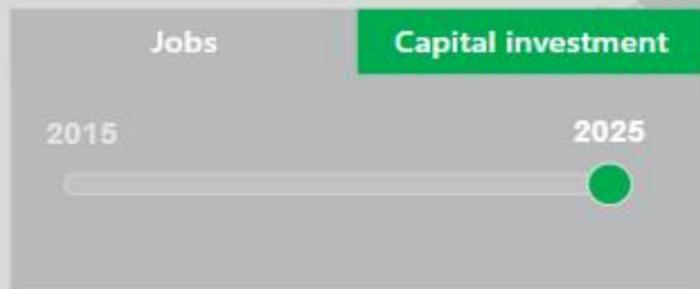
< \$250M \$1B > \$2B

Source: Savills Research proprietary dataset tracking U.S. manufacturing projects announcing 500 or more jobs

# U.S. manufacturing job announcements

2015-2025

- Activity present over past year, even as previously announced projects are being put on hold or canceled at historically high levels
- Top 3 sectors – Aerospace/Defense, Grid/Energy, Digital Infrastructure



Source: Savills Research proprietary dataset tracking U.S. manufacturing projects announcing 500 or more jobs

# Segment Spotlight: Defense & Aerospace

## Key Segments

- Hypersonics, Missiles, & Munitions
- Unmanned Systems
- Aircraft (fighter jets, transport, bombers)
- Strong U.S. defense budgets & geopolitical urgency driving modernization programs.
  - Unmanned surface vessels, underwater vessels, and drones are prioritized in U.S. Navy Budget
  - Implementation of Maritime Prosperity Zones
- Government prioritization in hypersonic, AI, ISR (Intelligence, Surveillance, and Recon): all supported by FY26 DoD budget

## By the Numbers

- US Market Value: \$350 Billion +
- Est. Capex: \$15-20 Billion



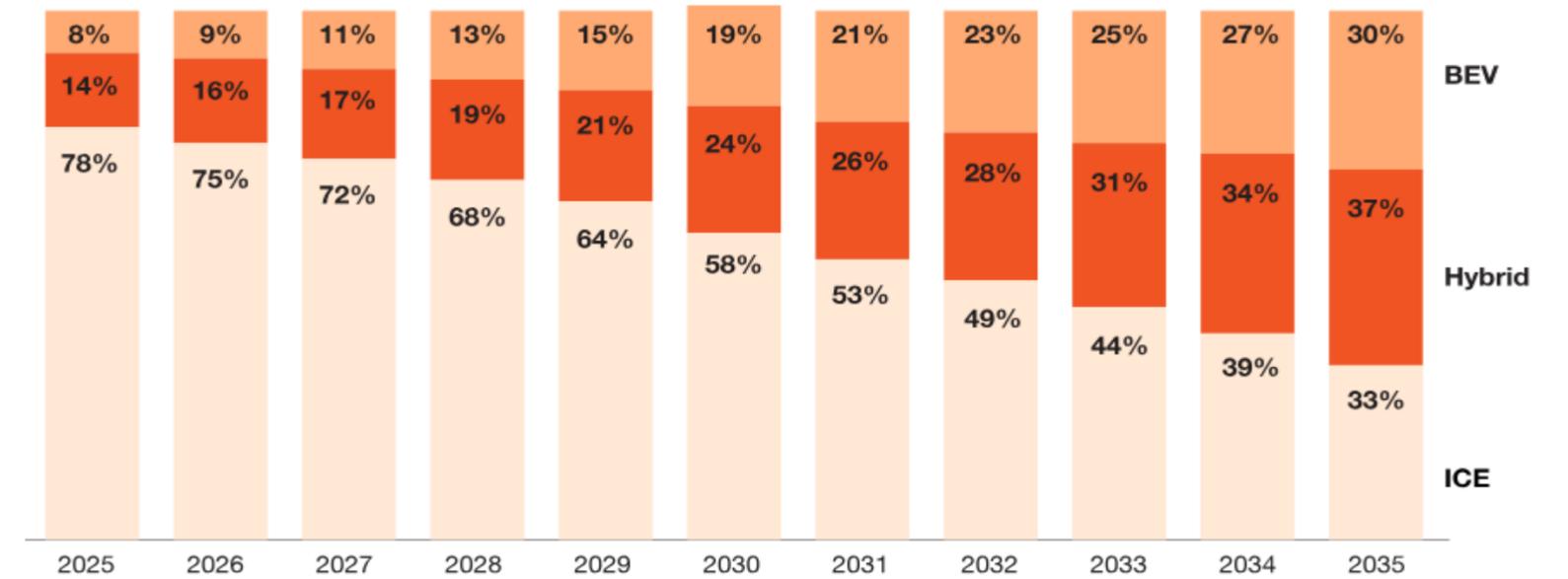
# Segment Spotlight: Automotive

## Key Segments

- OEM Retooling
  - Tier 1 Supplier
  - Tire
  - OTR & Heavy Equipment
- 
- Overnight shift away from EV has led to resurgence of supplier market domestically
  - Major emphasis on Hybrid solutions
  - Speed to Market for Tier suppliers on new contracts
  - Old School projects – can we realign to the execution model

## HEVs expected to gain US sales share through 2035 due to favorable economics and no charging infrastructure reliance

Estimated share of new US light vehicle sales by powertrain

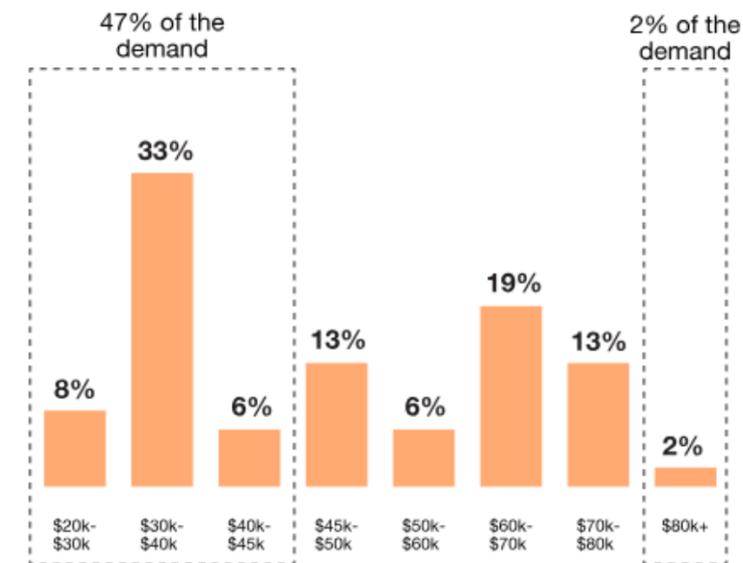


Note: Hybrids includes mild & series hybrids, PHEV–PHEV includes plug-in hybrids & range extenders.  
Source: PwC Strategy& Analysis

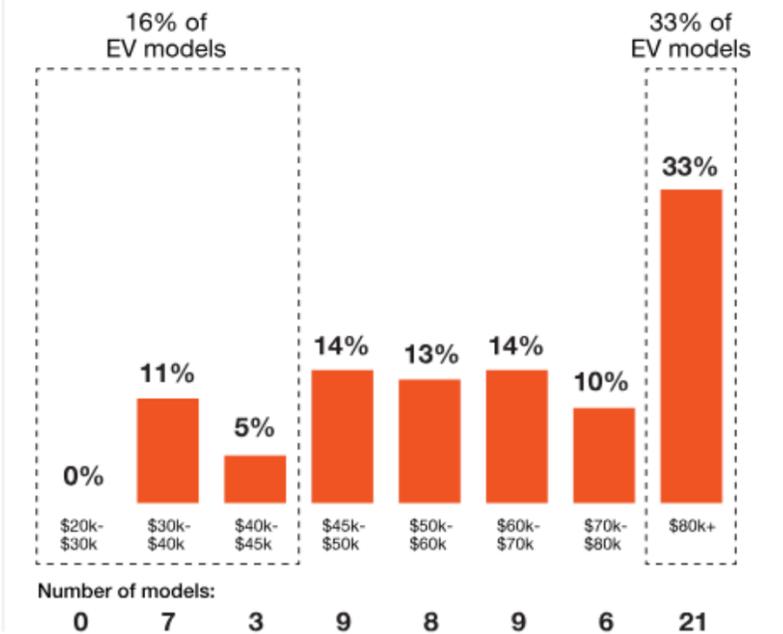
## EV supply vs. US demand: Mismatch in price segments

US sales distribution vs EV model offering

2025 US sales distribution by price



Q1-2025 US distribution of EV models by price

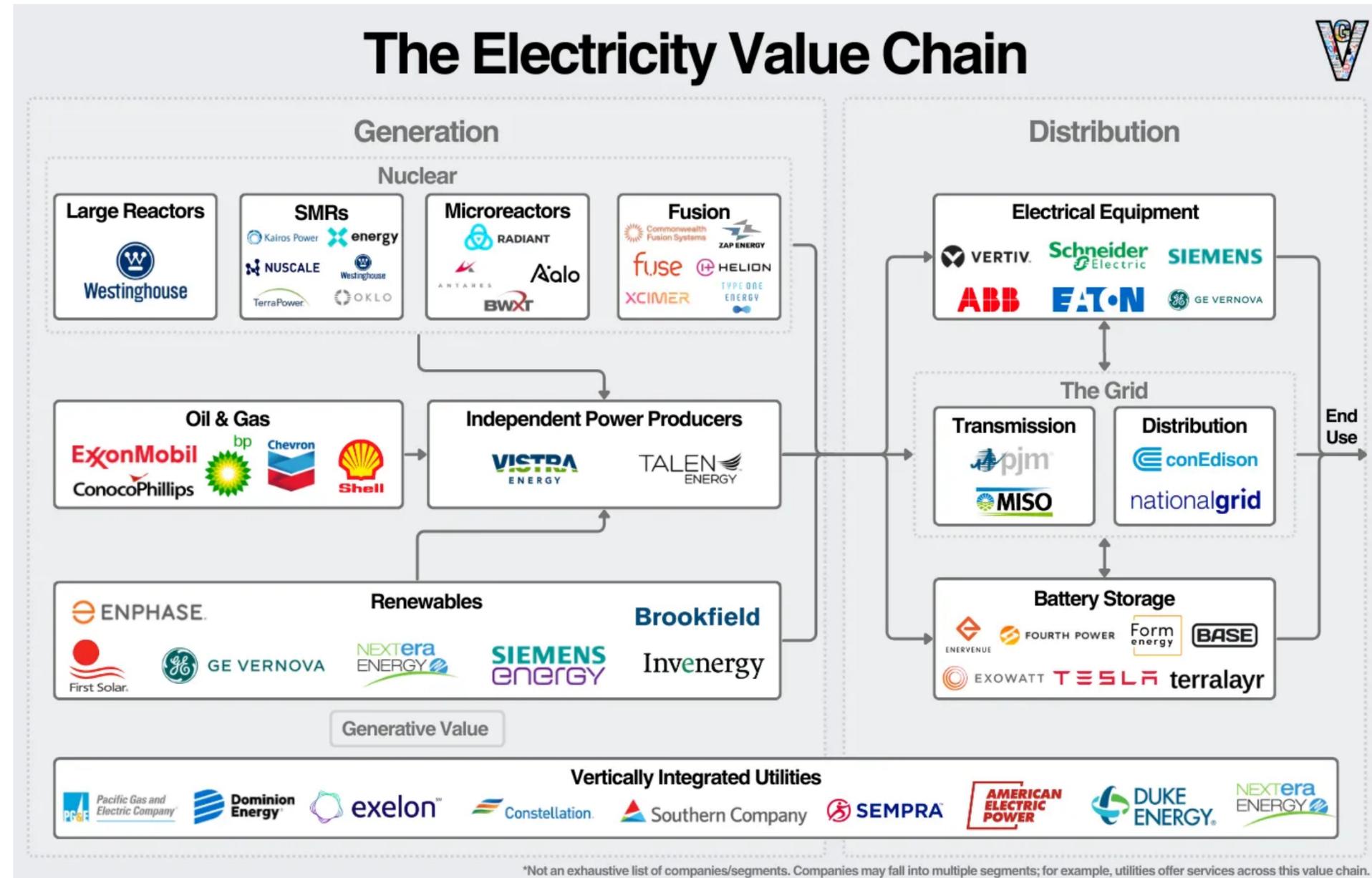


Notes: EV models classified by average price  
Source: PwC Strategy& Analysis

# Segment Spotlight: Electrical Infrastructure

## Key Segments

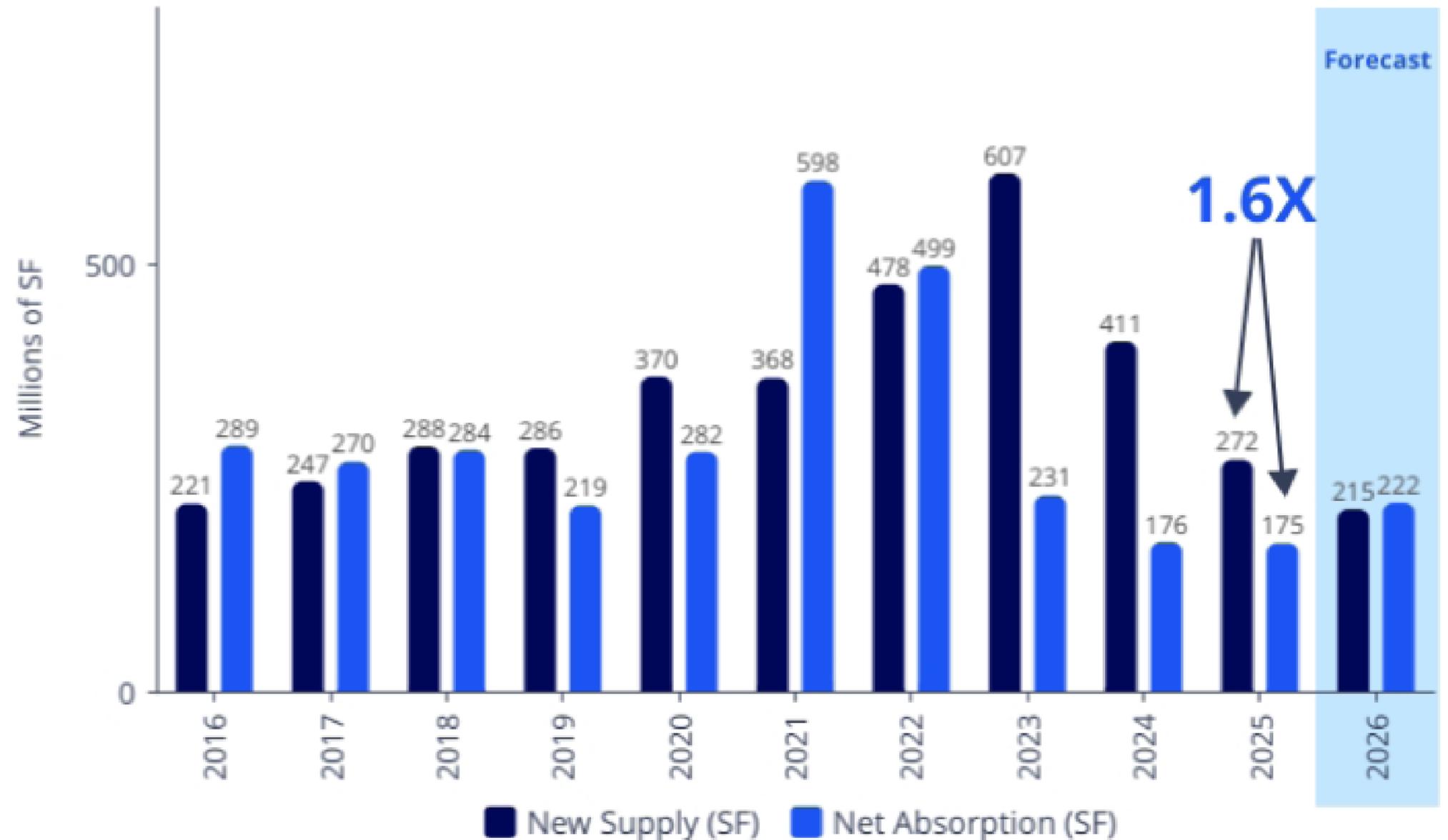
- Electrical Gear
- Cabling
- Transformer
- Nuclear Fuel
- Turbine
- Commercial Aerospace & Space Launch
- AI Driven market will require increase in domestically sourced products to build out network.
- Shift to behind-the-meter power development to supplement dated utility grid system
- Non-traditional suppliers will be more prevalent in coming years



# Segment Spotlight: Logistics Report

- Meg-box Spec (over 1M SF) currently has the most limited options
  - Only 9 under construction per JLL Q4 Report
- Most common builds: 100,000 – 250,000sf
  - Over 300 planned/under construction per JLL Q4 Report
- Bulk of absorption last few years by Manufacturing sector in speed-to-market mode (i.e. Wistron, Trina Solar)
- Fed Rate adjustments + Net Absorption = new Spec on Horizon
- Traditional Developers shifted away from Warehouse/Logistics to Data Center last couple of years

## New Supply and User Demand Nearing Balance



Source Data: Colliers US Industrial Market Report Q4 2025

# Market Update: Foreign Direct Investment

## European Region

### Emerging

- Recycling (Metal)
- Metal Processing
- Life Science

### Stabilizing

- Automotive
- Data Centers
- F&B

### Declining

- EV



## APAC Region

### Emerging

- Semicon Suppliers
- Microelectronics
- Electronics
- ESS
- Automotive
- F&B

### Stabilizing

- Life Science
- Metal Processing

### Declining

- EV Battery OEM Builds
- Solar

Thank you!