

The Capgemini logo is located in the top right corner of the image. It consists of the word "Capgemini" in a blue, sans-serif font, followed by a blue icon of a water drop with a white highlight.The background of the image shows a clean, modern industrial factory floor. Several orange robotic arms are positioned around a central assembly line. The arms are mounted on a complex metal structure. In the foreground, a large, dark-colored machine with a control panel is visible. The overall scene is brightly lit, with a blue and white color scheme.

**ACCELERATING YOUR
GIGAFACTORY SUCCESS
FROM PILOT TO PRODUCTION**

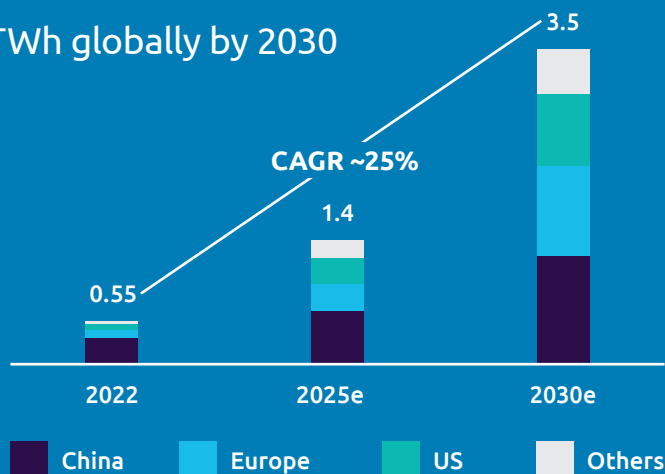
THE BATTERY PRODUCTION RACE IS ON WITH THE RISE OF EV DEMAND, YET GROWTH IS CHALLENGING FOR INDUSTRIES

EV battery demand is expected to hit 3.5 TWh globally by 2030

6x
compared to 2022

Battery still represents

~30%
of the **total cost** of the Electric-Vehicle



source: IEA 2022, conservative scenario

Growth is challenging for battery producers, requiring to:



Optimize Product

Improve battery quality & longevity, reduce costs



Optimize Manufacturing

Accelerate manufacturing ramp-up and reduce costs



Engage Workforce

Secure talent acquisition and development



Sustain Supply Chain

Meet traceability, sustainability monetization, and ensure ethical sourcing

CAPGEMINI IS PLAYING A KEY ROLE IN THE BATTERY INDUSTRY

We cofounded the **European Battery Alliance** with InnoEnergy, bringing together more than 800 industrials and innovation actors.



Together with key research institutions and industrial partners, we have developed a first of its kind **Technology Cluster Battery Cell** to drive innovation in the domain.



We deliver powerful impact to **gigafactory players**, from strategic design, R&D, pilot line to gigafactory ramp-up.

START-UPS

Digital strategy & roadmap for digital-native smart factory
Digital foundations (ERP, MES, PLM)
Digital Continuity
Program management

LEGACY Co.

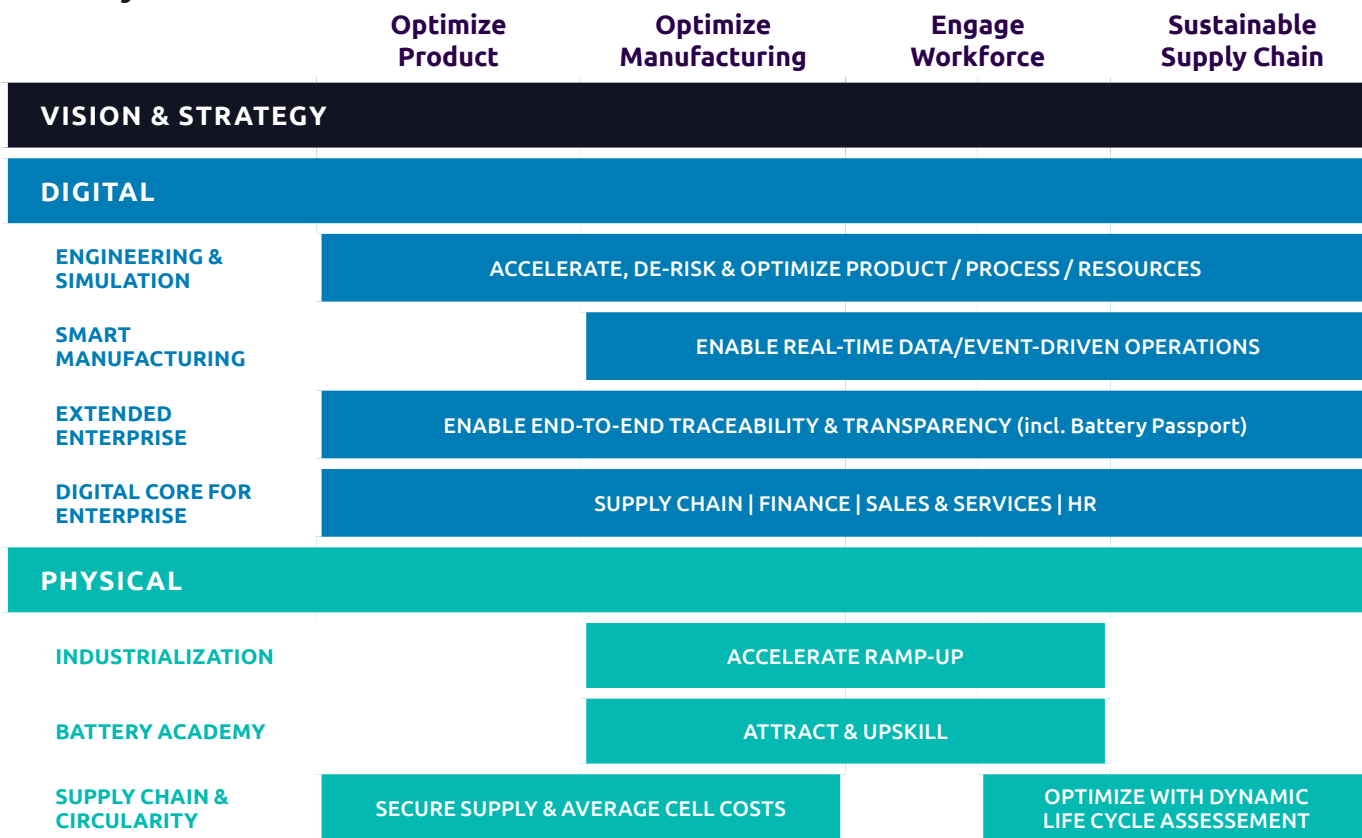
Strategy & Digital Roadmap
Digitization (digital core, data platform and use cases)
Supply chain of the Future
Digital Continuity

OEM JVS

Industrialization with specialized teams for commissioning
Standardization
Simulation on Product / Process / Factory
Battery Passport

CAPGEMINI, THE PARTNER OF CHOICE FOR GIGAFACTORIES, IS POSITIONED TO ARCHITECT, BUILD AND EXECUTE AN INDUSTRIAL PLAN

Whatever your industrial maturity, our value proposition covers Strategic, Digital and Physical needs.



WITH A STRONG PORTFOLIO OF USE CASES, PARTNERS, AND ASSETS, WE ARE READY TO ACCELERATE YOUR GIGAFACTORY LAUNCH AND RAMP UP



INTELLIGENT TOGETHER

- **Optimized 200+ plants** for a German tech giant
- **Reduced lead time** for new line deployment at an American multinational
- **Streamlined workflow at 20+ plants** for a Dutch automotive corporation
- **Established a single source of truth** for all the information of a vehicle's lifecycle for a Swedish EV manufacturer
- **Improved cost-efficiency** for a luxury car maker, using recyclable materials
- **Set up a production facility** for low-carbon batteries for a French manufacturer

OUR EXPERTS



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It's time to take the first step towards revolutionizing the battery industry. Let Capgemini help you unlock a more intelligent manufacturing experience for your business and Get The Future You Want!

To know more about
Gigafactory,
scan this QR code



To know more about
Automotive Industry,
scan this QR code



About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of over 360,000 team members more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2022 global revenues of €22 billion (about \$23 billion USD at 2022 average rate).

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