EUROPE'S BATTERY CHALLENGE

Turning Innovation into Industrial Competitiveness

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Europe has strong research and industrial assets.

The challenge is turning them into competitive industrial scale.



The new priority: connect innovation, capital, companies and regions – so knowledge is adopted, scaled and used.

Batteries Reveal Europe’s Industrial Ambition

MANUFACTURING

TECHNOLOGY

ENERGY

BATTERIES

RAW MATERIALS

REGIONAL DEVELOPMENT

SKILLS



One sector. Six strategic systems. A test of Europe’s ability to connect them.

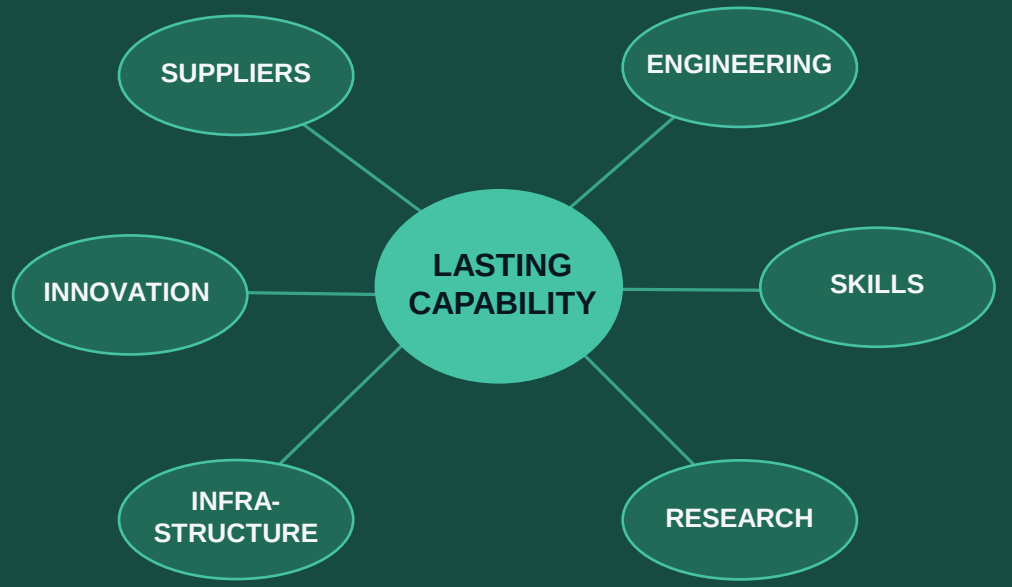
A Factory Is the Starting Point – Not the Final Goal

INVESTMENT LOCATION



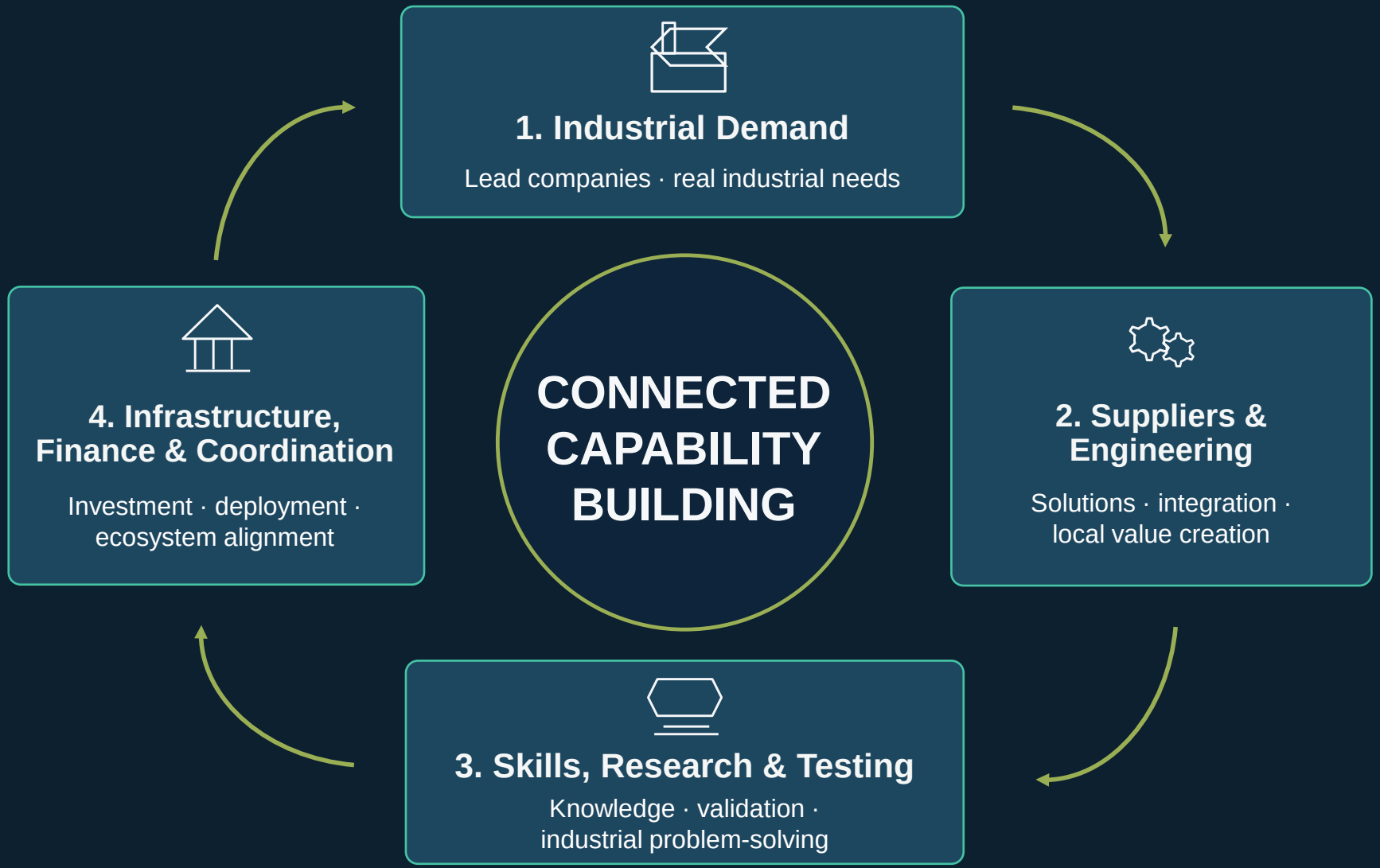
LAND · LABOUR
INCENTIVES
PRODUCTION CAPACITY

COMPETITIVE ECOSYSTEM



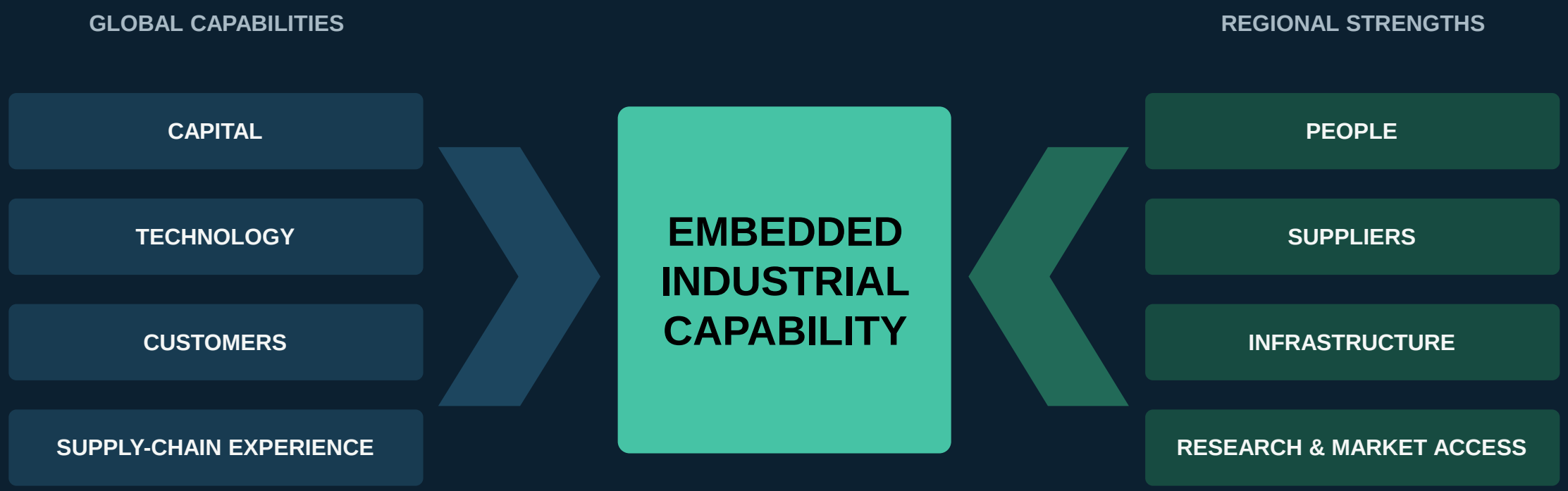
A factory creates capacity. A competitive ecosystem turns investment into lasting capabilities.

Competitive Ecosystems Build Capabilities



Strong assets create potential. Connections around real industrial needs turn potential into capability.

Global Investment Creates More Value When It Becomes Regionally Embedded



The more deeply investment connects with regional capabilities, the more lasting value it can create.

The Next Battery Hub May Be a Network of Regions

SPECIALISATION

+

CONNECTION

=

REGIONAL SCALE

MATERIALS
Critical inputs · chemistry

MANUFACTURING
Cell & module scale

TESTING
Validation · certification certification

SKILLS
Training · industrial experience

ENGINEERING
Equipment · process know-how

RECYCLING
Circular material flows flows

CONNECTED CAPABILITY REGION

Specialisation creates depth. Connection around real industry needs creates scale.

The Strategic Question Is What Remains

What should remain in a region five years after a major battery investment?

LASTING CAPABILITIES

- STRONGER SUPPLIERS
- SKILLS & ENGINEERING
- RESEARCH & INNOVATION
- QUALITY JOBS
- RESILIENT VALUE NETWORKS

The real measure of success is what remains, learns and keeps growing.

Factories can be built. Competitive ecosystems must evolve.

Thank you

Follow-up question

What capabilities should remain in a region five years after a major battery investment?

Let’s continue the conversation.

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