

2020

INNOVATION CHINA FORUM

创新中国国际论坛



CM Venture Capital

数问

Circular Carbon Economy & Digitization

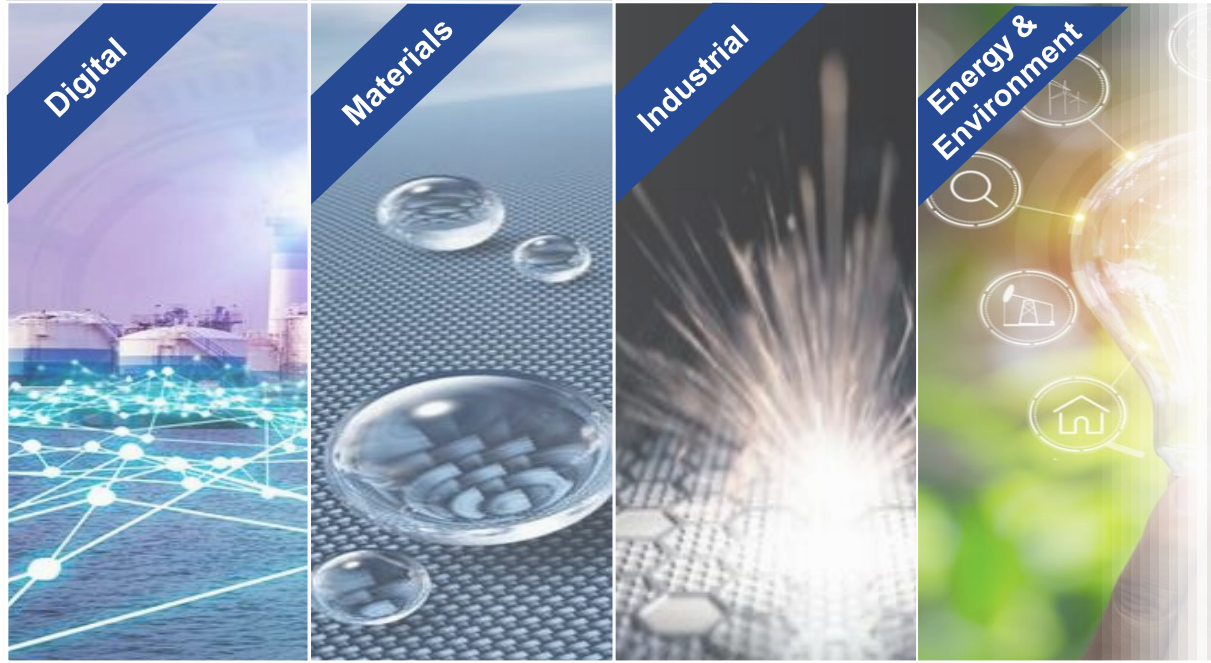
循环经济 & 数字化



CM Venture Capital – China Focused Materials & Industrial Fund



Investment Sectors



Portfolio Companies

Materials



Industrial



Energy & Environment



Digital Industrial



Limited Partners



Venture capital in
Hard Technology

2015

2016

Digital Industrial

2017

2018

Functional
Materials

2019

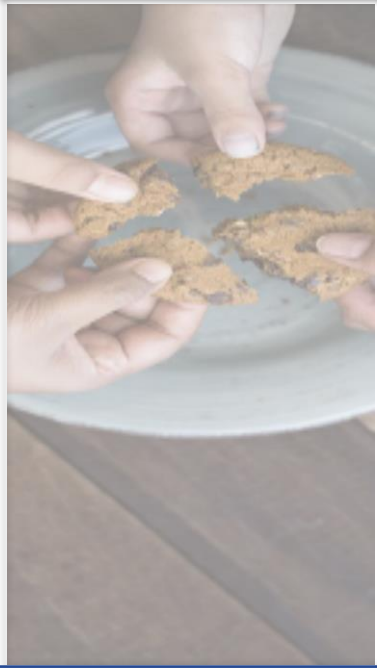
Advanced
Manufacturing

Advanced Materials

Circular Carbon Economy

Circular Carbon Economy Models and Challenges

Sharing



- Credibility
- Pandemic crisis

Product as a Service (PaaS)



- Limited to high-value goods

Circular Supply Chain	Product Life Extension	Recovery and Recycling
<ul style="list-style-type: none"> • Expensive Process • Small scale of raw materials available 	<ul style="list-style-type: none"> • Low product value at the end of life 	<ul style="list-style-type: none"> • Collection challenges • Volume must meet economic profitability

Source: Innovation Insight in Circular Economy; Valuer, 2020

Challenges for VC Model



- 1 Cost Competitiveness vs. Incumbent**
- 2 Collection vs. Distribution**
- 3 Meaningful Scale**



ENWISE

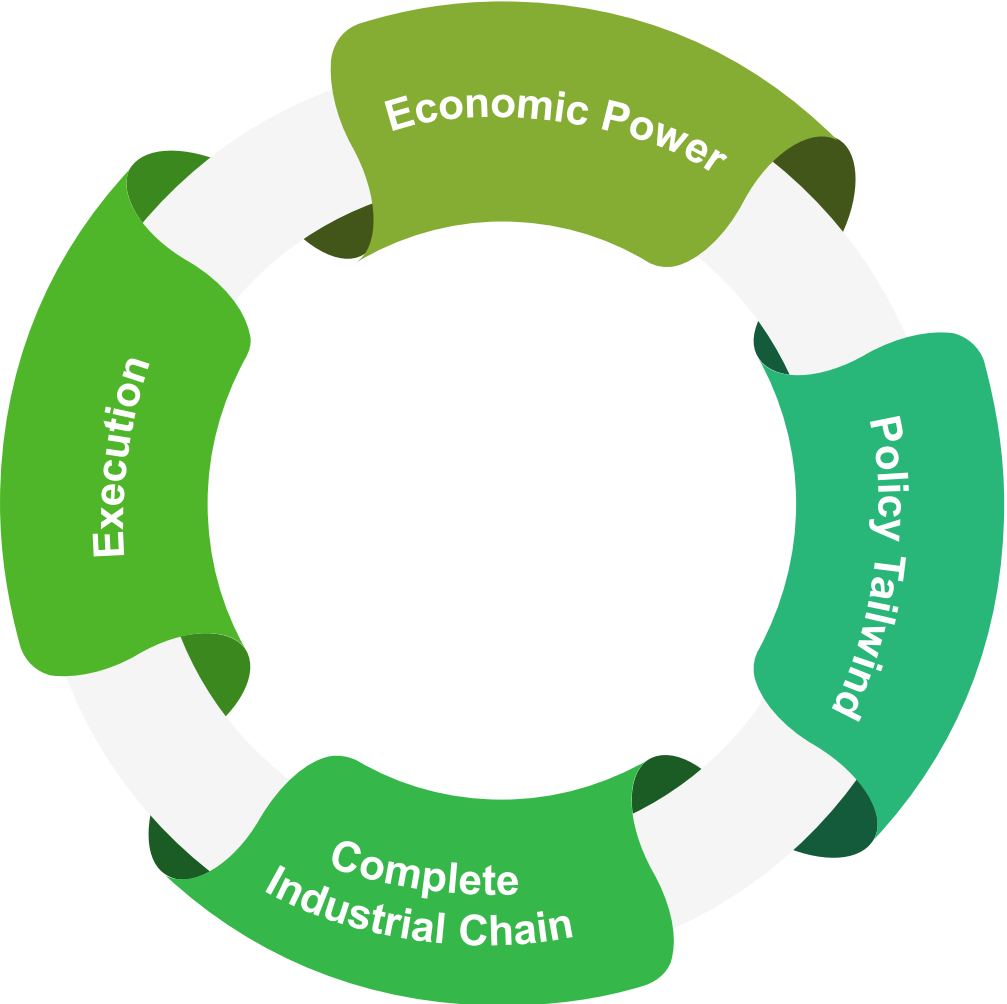
TURN YOUR WASTE TO ENERGY

WISEN
YOUR
WASTE



ENWISE
www.enw.se

China shows promises for CCE investments in the long term



Economic Power

Greater impact from large economy and high population

Policy Tailwinds

Opportunities from favorable policies

Complete Industrial Chain

Stable industrial infrastructure and complete value chain for most industries

Execution

World-leading speed of execution

CM Venture Capital is looking at several areas in the next fund

Circular Supply Chain



Waste-to-Material



Biodegradable &
Bio-Derived Materials

Product Life Extension



EV Battery 2nd Life



Remanufacturing

Recovery and Recycling



Waste and Resources Management



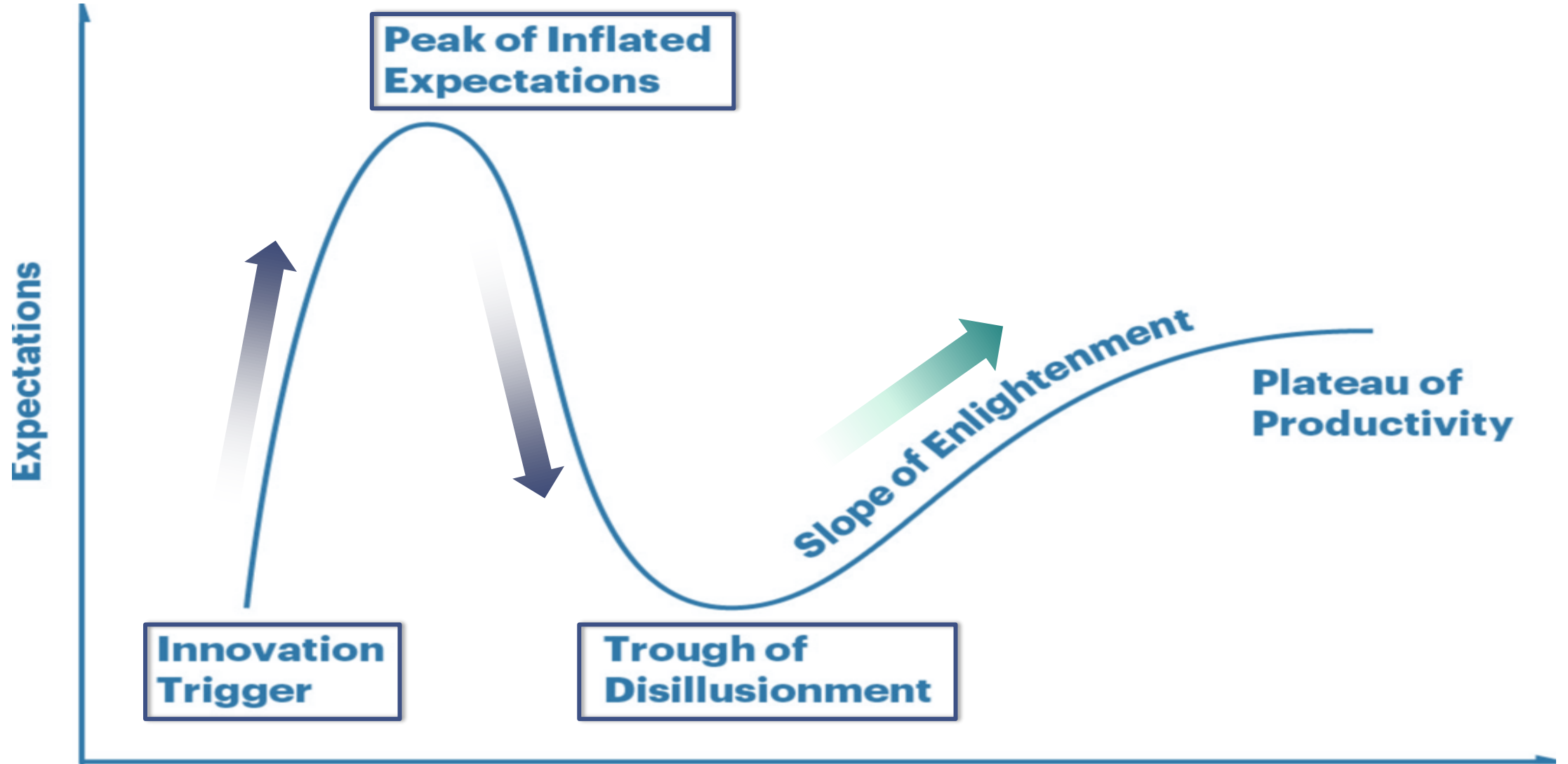
Automated Sorting and Recycling

Digitization

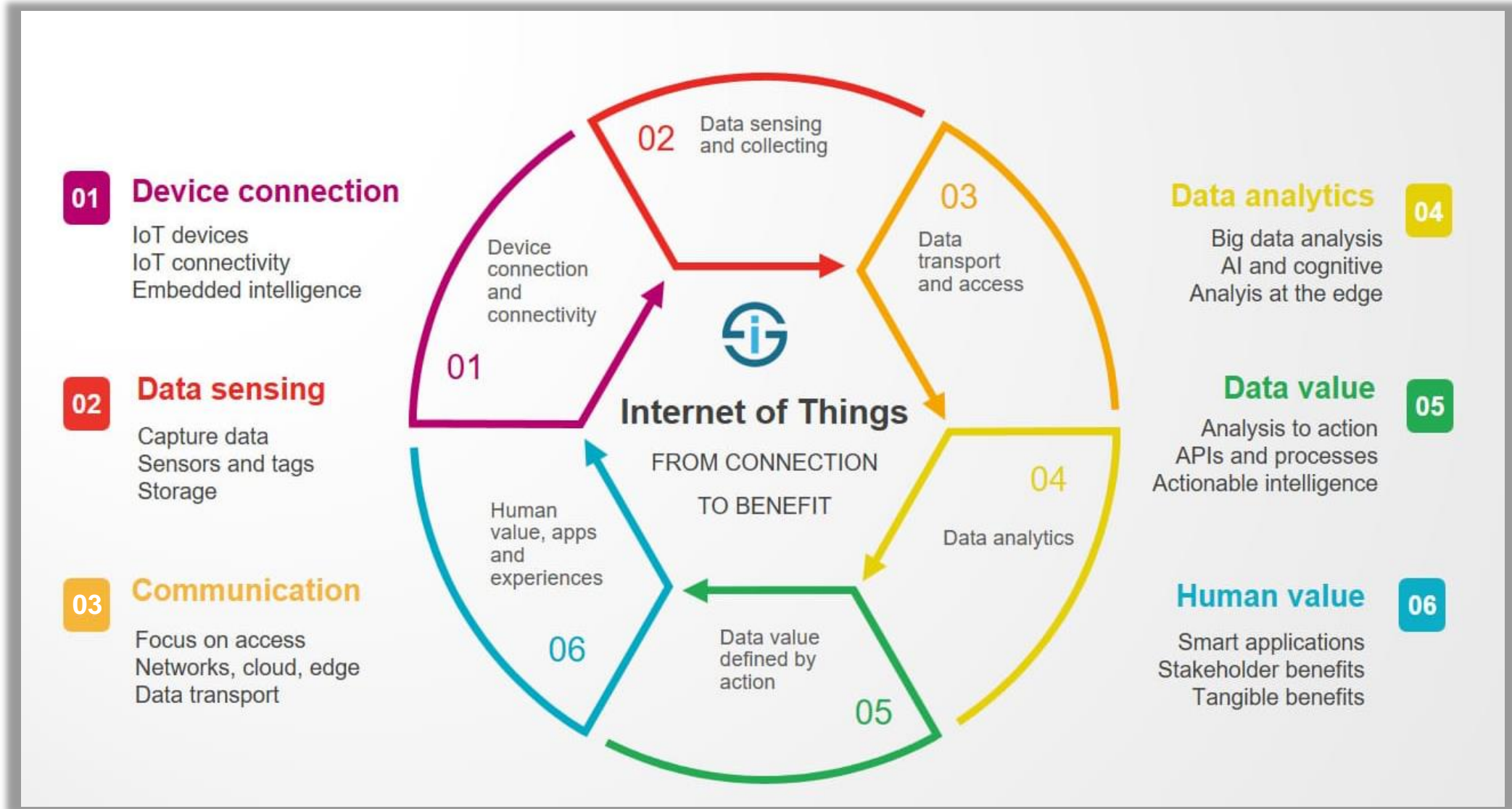
Industry 4.0



Industry 4.0



Challenge 1: The Edge



Challenge 2: Fragmentation

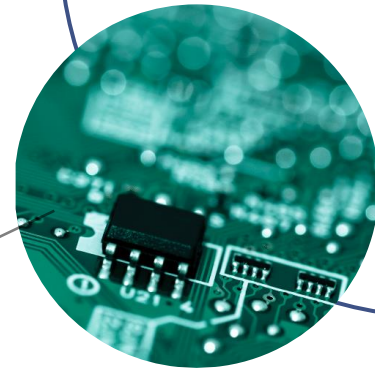
IoT Platform



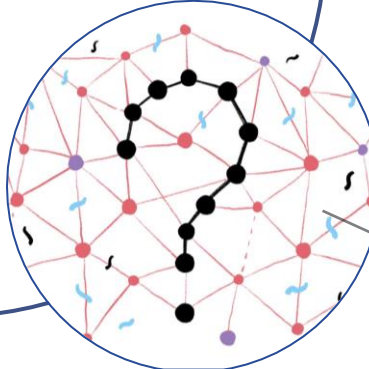
Solutions



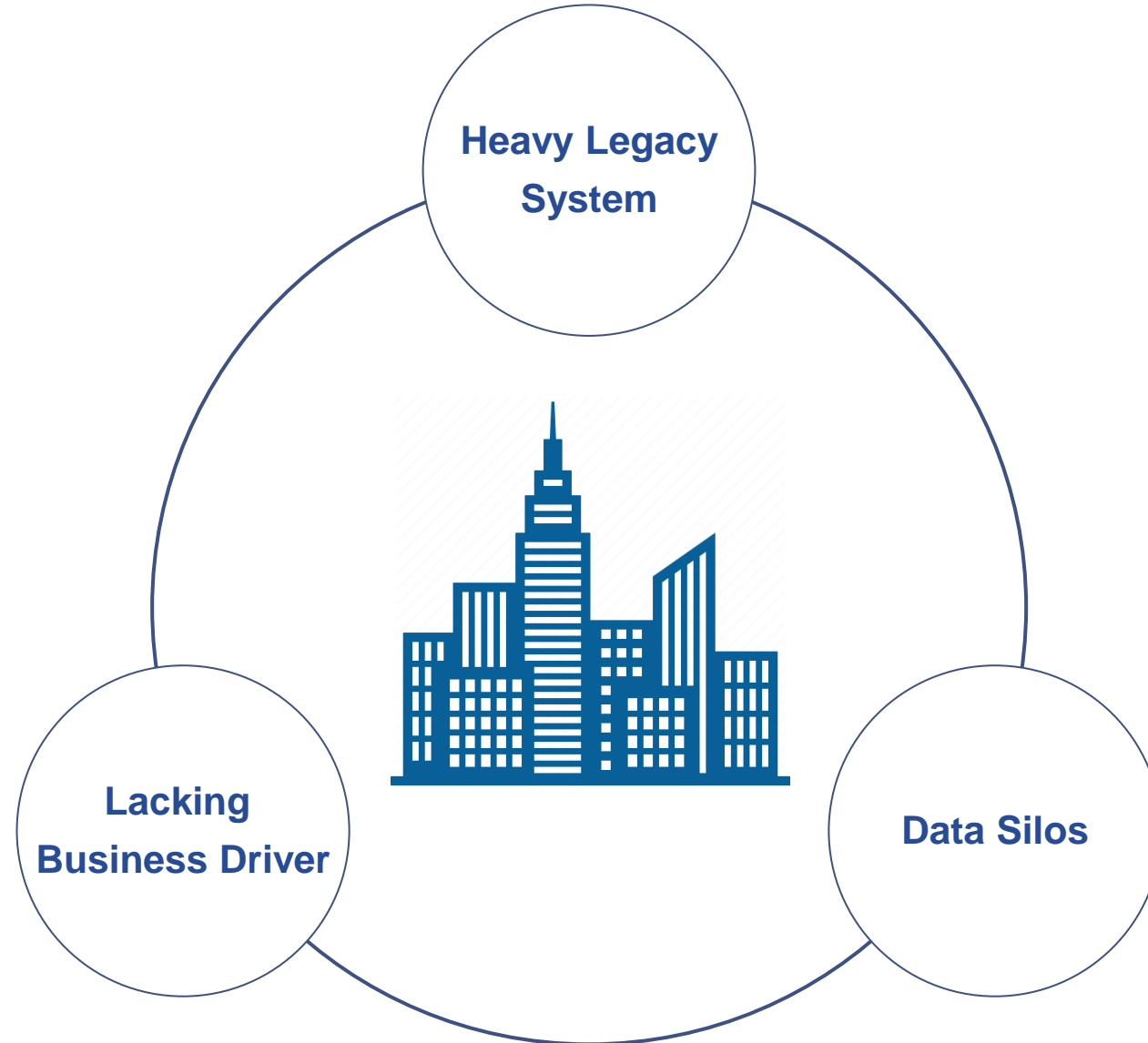
Sensor & Hardware



Micro Chip & Algorithm



Challenge 3: Legacy of Industry

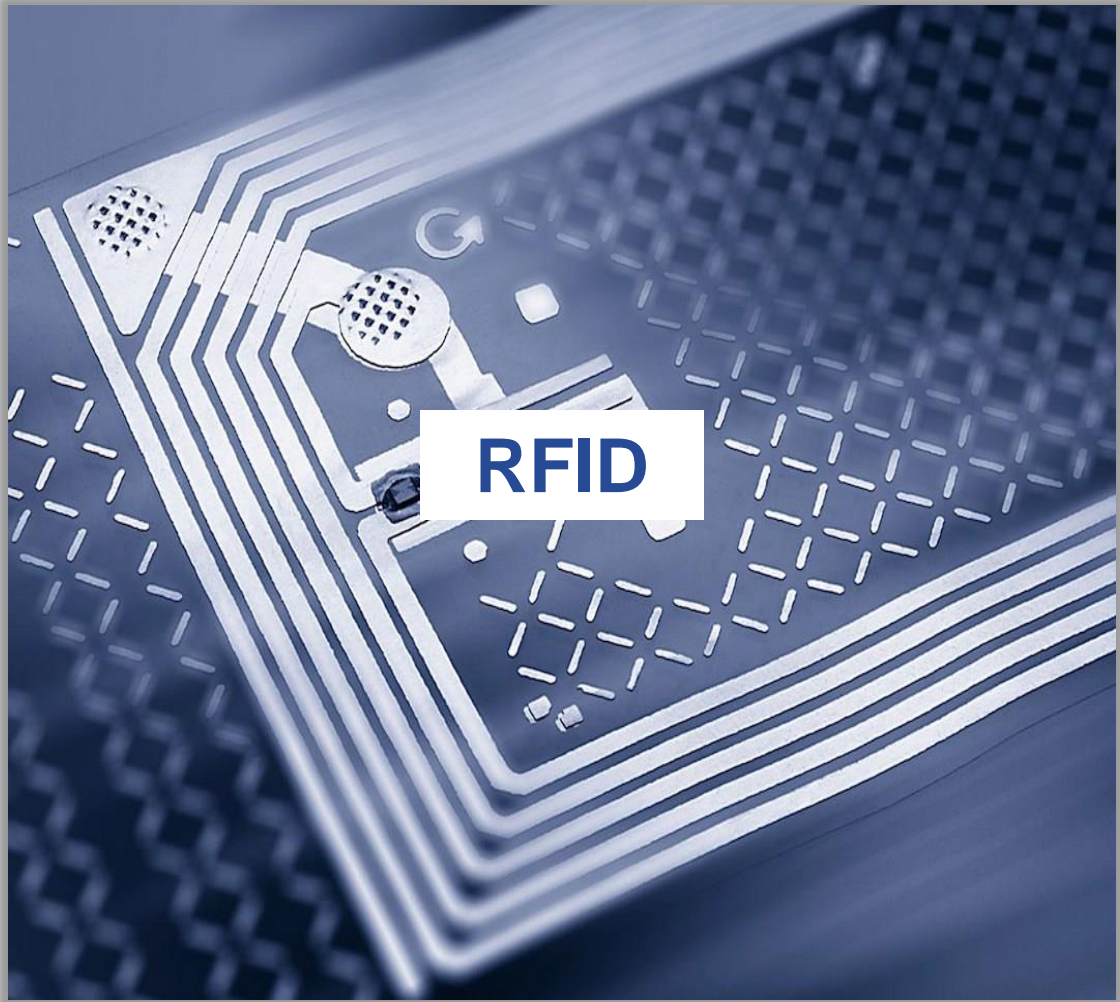




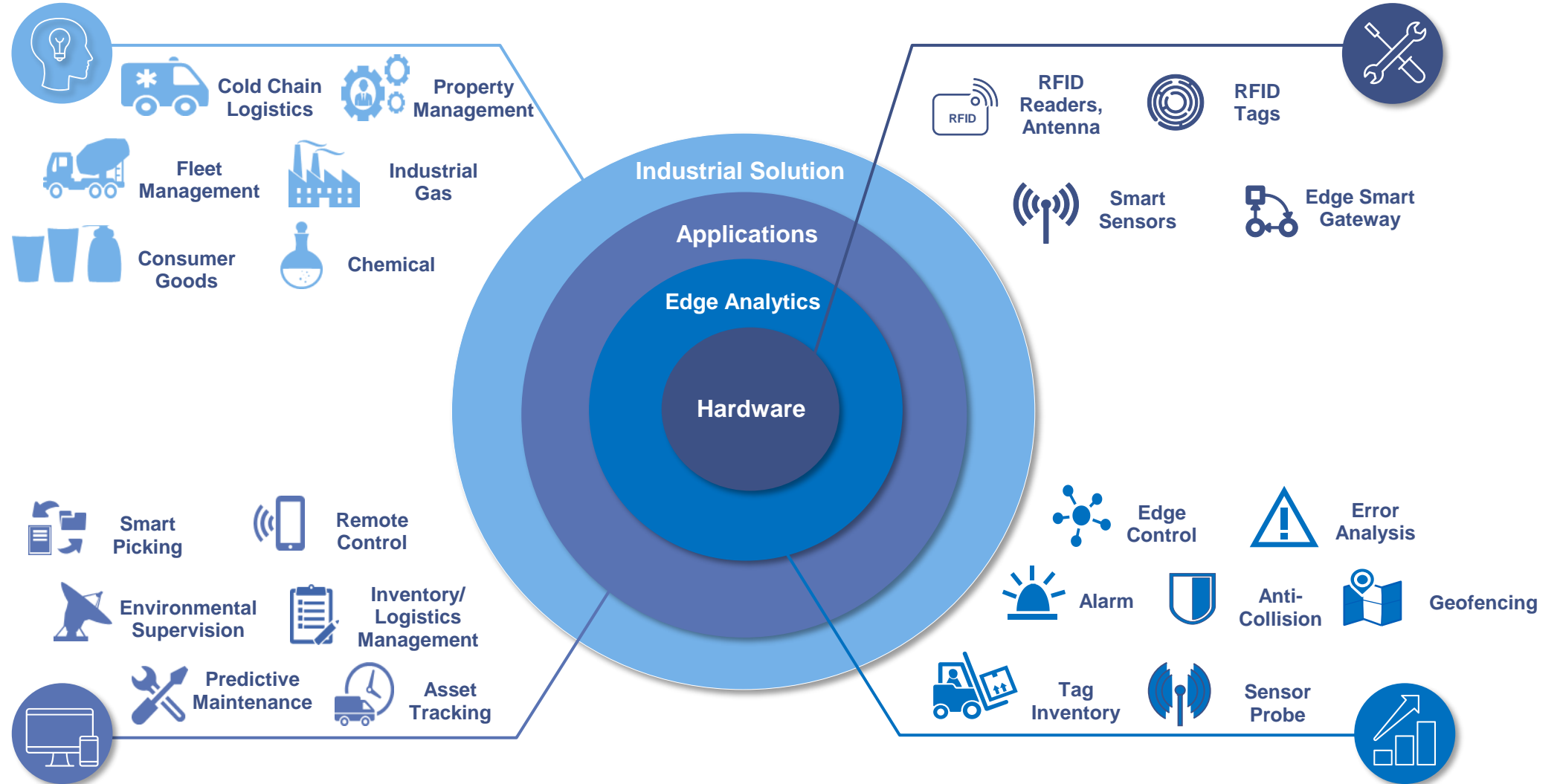
烁璞电子
THINGPLE

Simply Connecting Everything

The Edge Data Collection

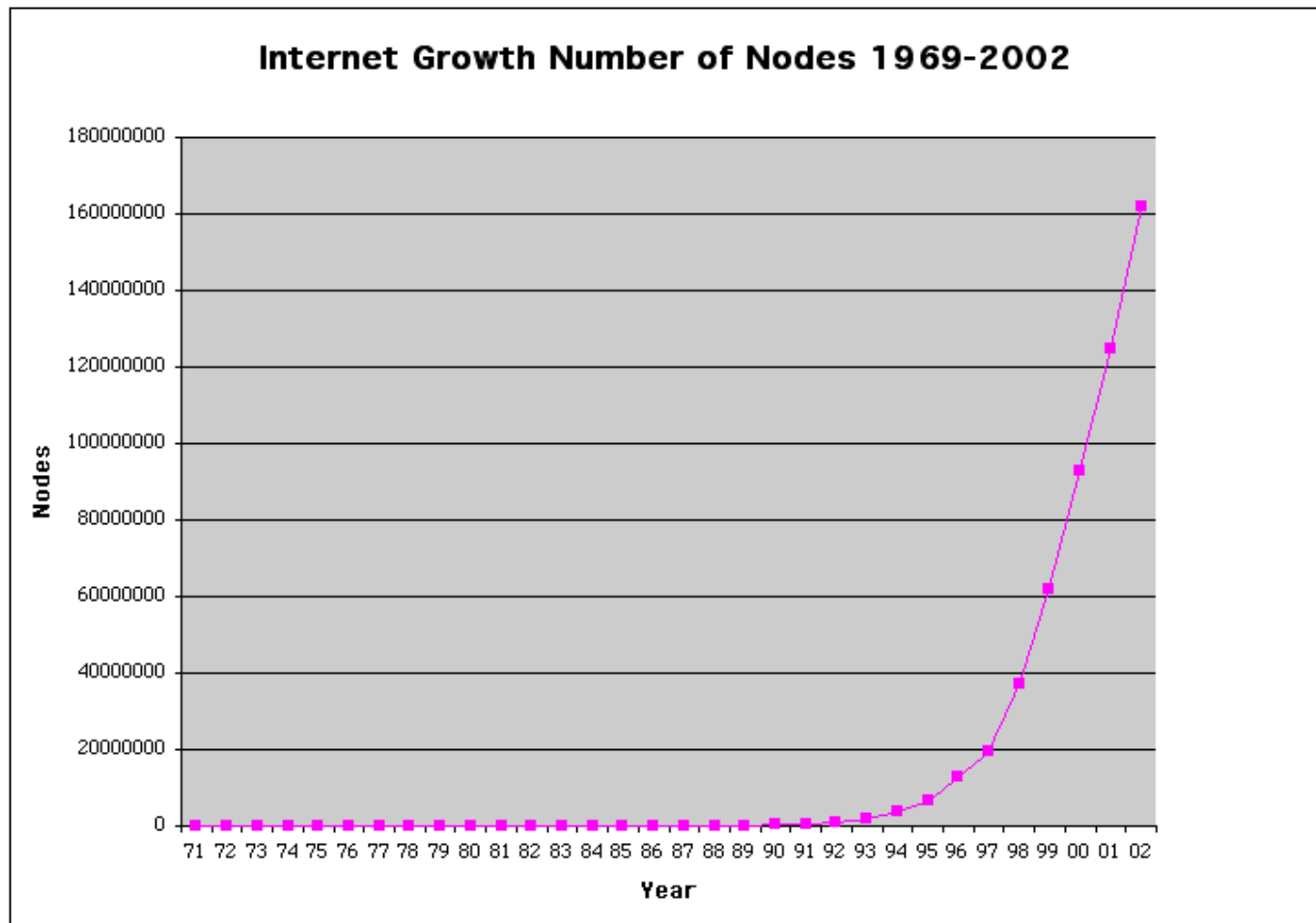


Solutions



First-Tier Industrial Customers





The IoT is being called the **fourth industrial revolution**, and is expected to have a value of over **\$10 trillion** by 2025.

– McKinsey Global Institute

Nice-to-Have



Must Have