

Digital Building Platform Service Provider

| Glodon Company Limited

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Challenges for Construction Industry

- **Collaboration and Efficiency**
- **Cost Management**
- **Sustainability**
- **Quality Control**
- **Visualisation and Simulation**

Objectives for Digital Transformation

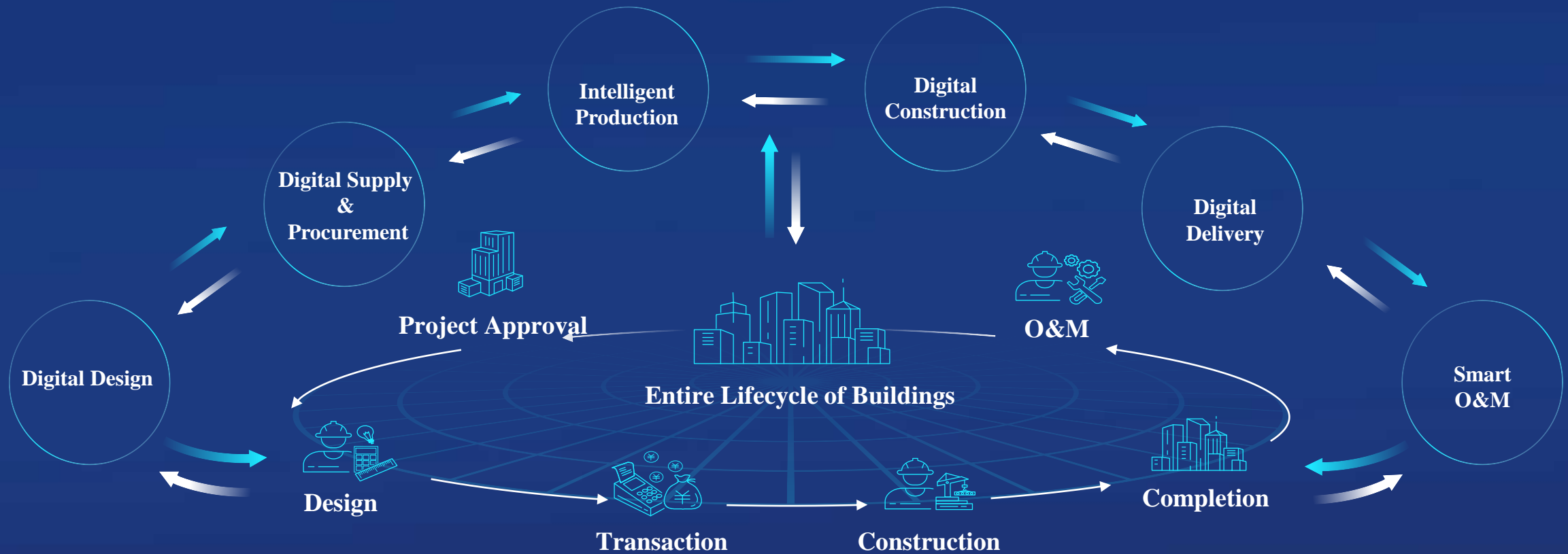
- **50% Faster**
- **1/3 Lower Cost**
- **50% Carbon Emission Reduction**
- **0 Quality Defects**
- **0 Safety Accidents**

As the expert partner of digitalization, Glodon has been dedicated to the development of construction information technology, in the aim of making every project a success.





Adopt Digital Building Solution to Drive Transformation in the Building Process



Glodon provides digital building solution to cover entire lifecycle of buildings, with specialized applications in construction engineering as the core fundamental support, and industrial big data and supply chain as value-added services.



Glodon's digital building platform, with cutting-edge data technology, can provide digital twin solution to optimise resource allocation in the entire lifecycle of buildings and enable collaborations among all stakeholders.

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Core Values

Customer Success

Keep Learning

Our Mission

Leverage technology to create
a better living and working
environment

One Glodon

Win-Win

Integrity

Day One



Digital Building Platform Service Provider

Providing digital solutions
covering the entire building
lifecycle.

Tier 1 Worldwide

Construction Industry
Digitalization Business

360K

Corporate Customers

6 million+

Construction Projects

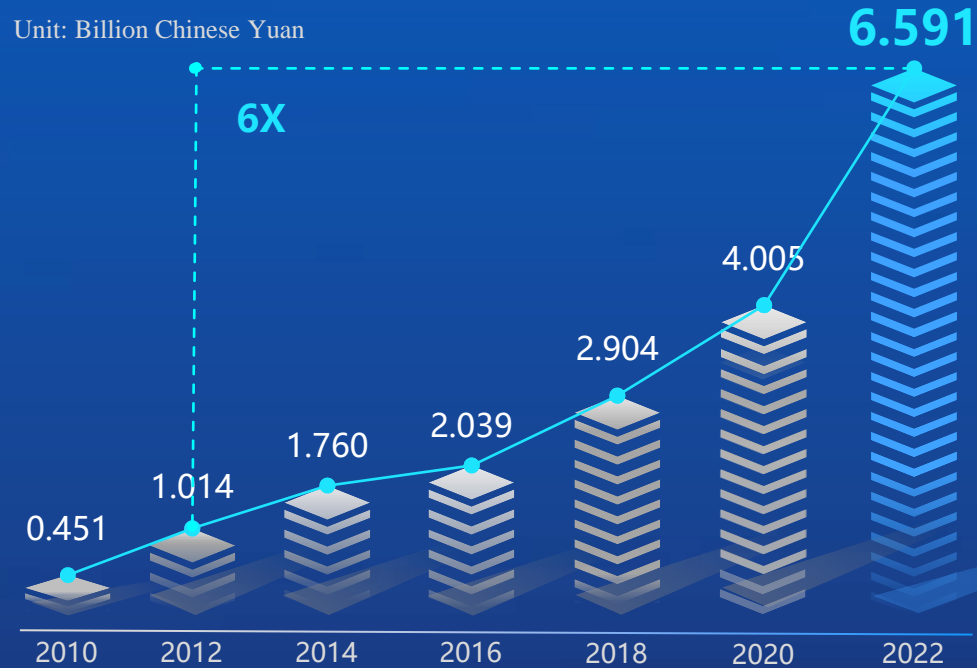
10 million+

End Users



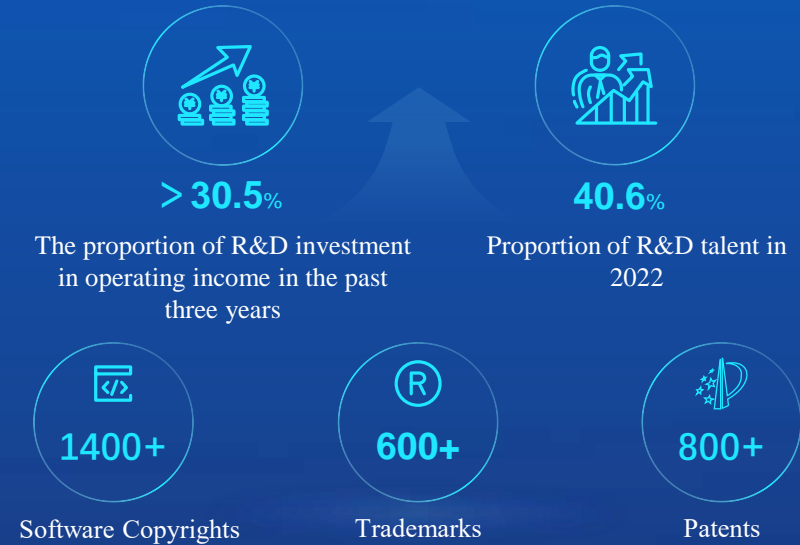


While revenue grows, operations remain stable



A six-fold growth in 10 years to 6.591B CNY (about \$1B USD) in 2022

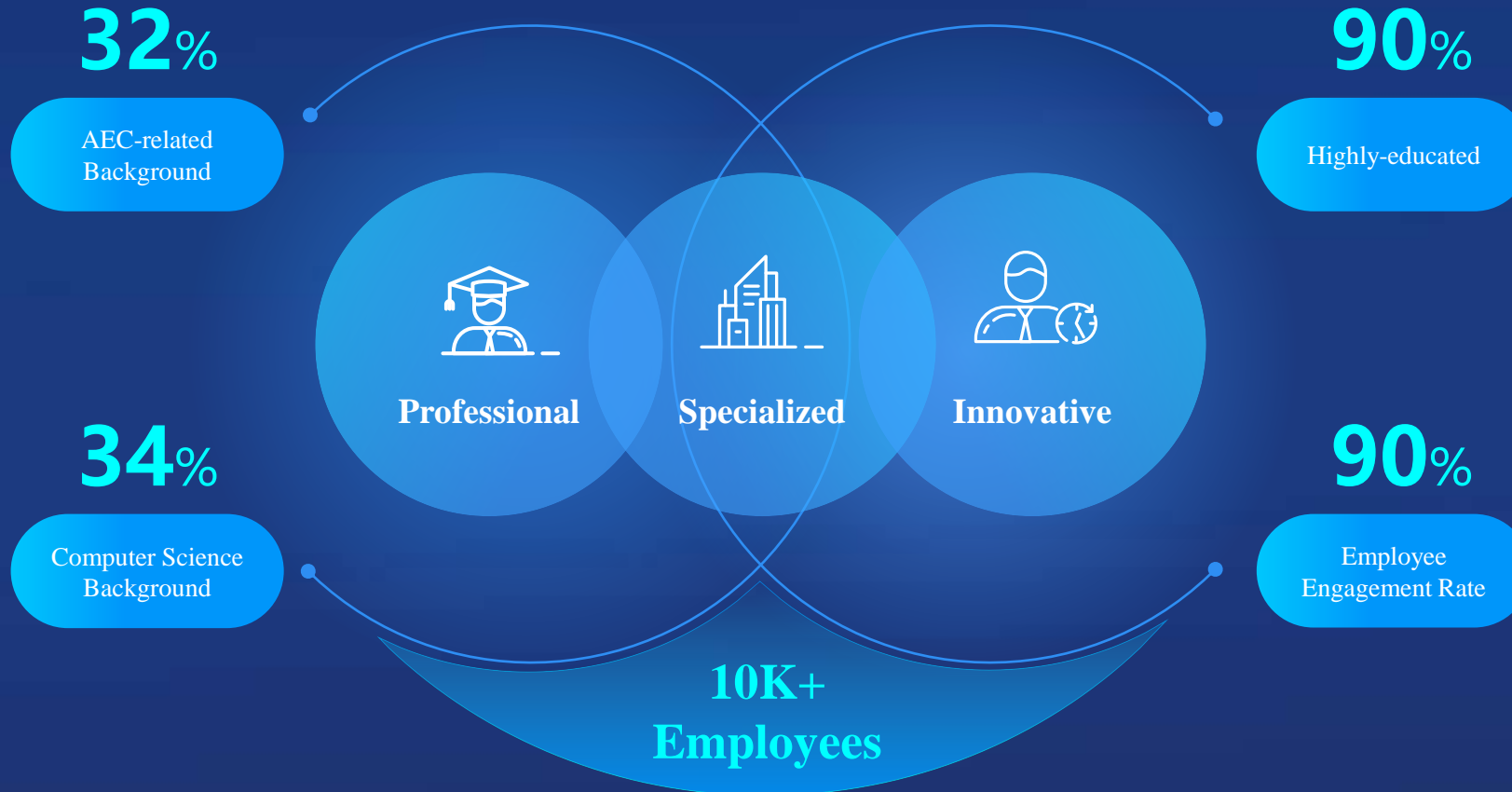
Technology breakthroughs are achieved through investing in R&D



- Continuous investment in key core technologies
- Investing in R&D, cooperating with institutions & academies, and M&A



Attract Talents to Empower Industry Development





We Value Technological Innovation and Practice with a Global Outreach



- 8 R&D centers support the **innovation of core technologies** and lead the digitalization in the global construction industry.
- 5 Glodon-owned buildings benchmark our Digital Building Platform.

8 Global R&D Centers in five countries

- | | |
|---------------|--------|
| United States | Sweden |
| Finland | China |
| Poland | |

5 Self-owned Buildings in China

- Glodon Building, Beijing
- Glodon Information Building, Beijing
- Glodon Shanghai Building
- Glodon (Xi'an) R&D Centre
- Smart Construction and South China Headquarters



2009 / Beijing

2013 / Beijing

2018 / Shanghai

2022 / Xi'an

2024 / Guangzhou



11K m²



30K m²



12K m²



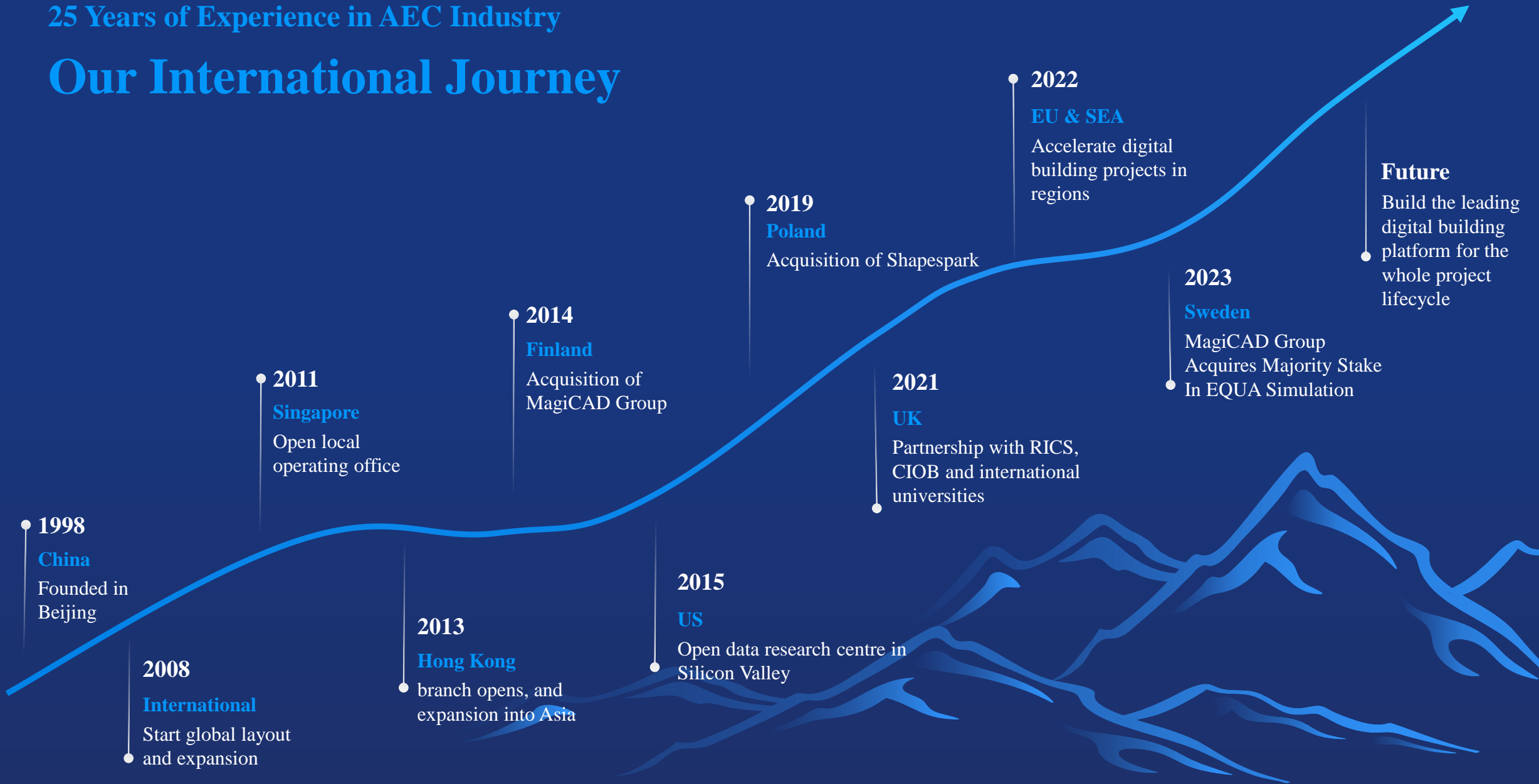
66K m²



18K m² (Under Construction)

25 Years of Experience in AEC Industry

Our International Journey





Making Every Project a Success

50% Carbon Emission Reduction

20% Faster

1% Lower Cost

80% Quality and Safety Improvement





Enterprise-wide digital transformation solution

All Data Integrated



Cutting-Edge Tools for Every Stage

Software and hardware solutions
for every role

Multiple Management Levels

Unique application scenarios
for the parent, subsidiaries, and project teams

Different Business Units

Data-driven management

Systematic Approach

- An integrated planning-execution process
- Integration of different roles at different levels across multiple business units

Professional Approach

- Strong industry awareness
- Cutting-edge technology expertise to meet customer needs

Open Approach

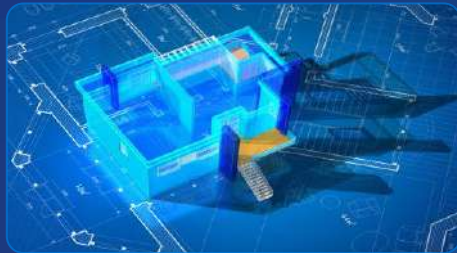
- An open platform for unified industry standards to empower the construction industry
- An industry ecosystem to enhance innovation





Industry Integrated Solutions Help Customers Succeed

Glodon



Integration of Residential Construction BIM



Enterprise + Project Management Integration



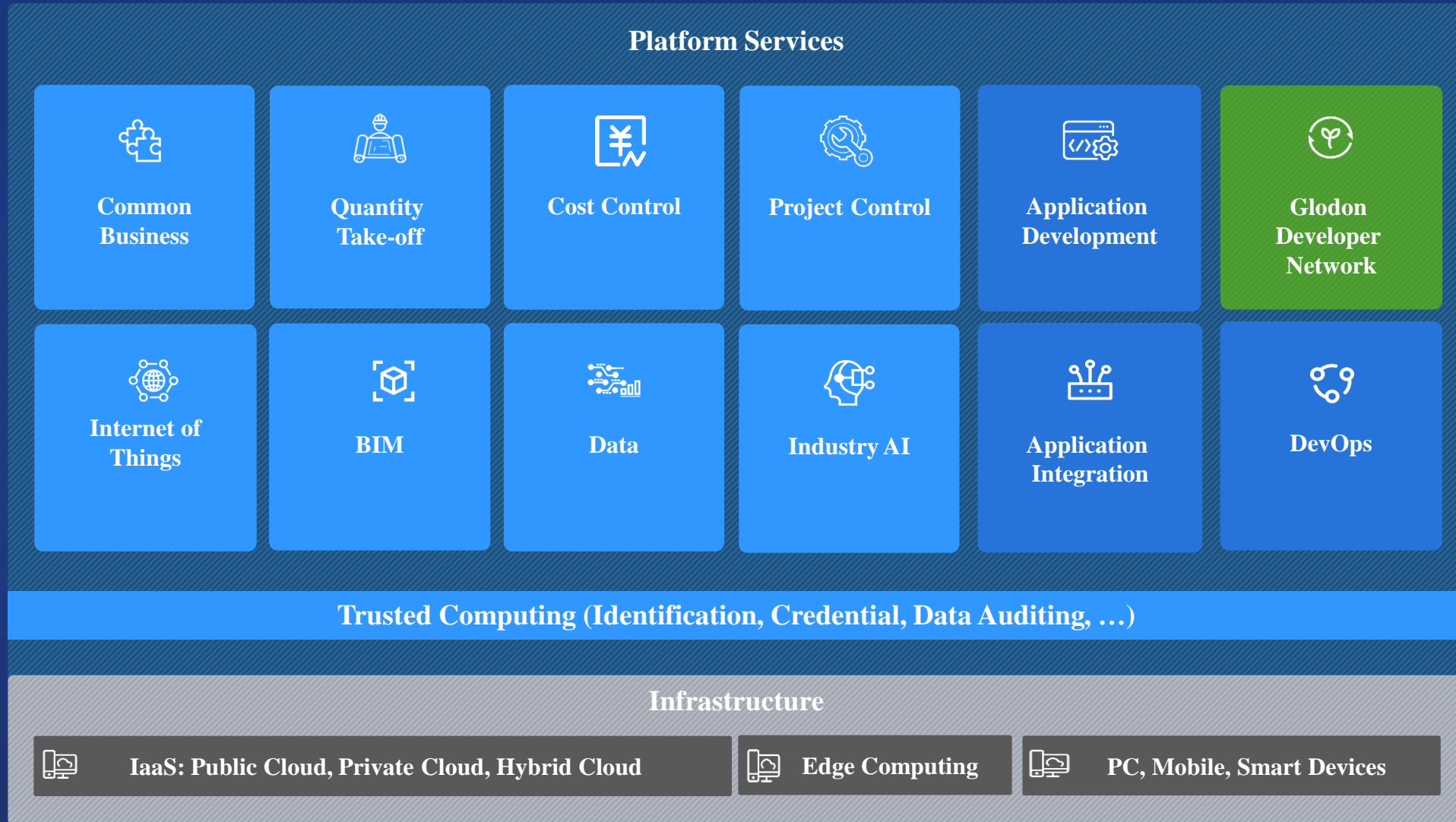
Integration of Infrastructure Construction Services



CIM + BIM

PaaS Platform

Key Technologies





BIM/CIM Technology

- Computer graphics
- 50+ formats supported for BIM/GIS
- 20,000+ developers on our platform

IoT Technology

- Industrial IoT platform
- 90+ types of devices
- 300+ partners
- 70,000+ devices online
- 100 million data processed daily



Industry AI

- Top talents
- Focus on AEC industry
- 80+ intelligent use cases

Big Data

- Multi-source data from the industry
- Petabyte-scale distributed data storage
- 1,000+ industry data models
- Ten-fold increase in development efficiency





100+ Products for the Whole Lifecycle of AEC Industry



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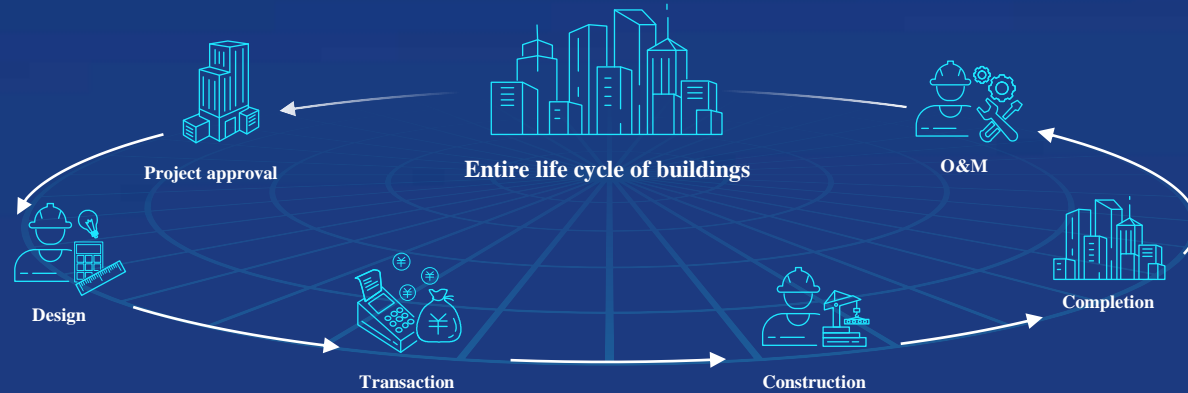
03 **Trusted Service Provider**



Our Digital Solutions Helping Every Practitioner Have Achievements



Digital building solutions serve global industry stakeholders in all stages of the whole life cycle of buildings, helping to create best practices.





Deliver solutions to more than 360K customers across more than 6 million projects.



Beijing Daxing International Airport Terminal



'Ice Cube' Sports Center



Beijing Yanqi-Lake International Expo Center



Shenzhen World Exhibition & Convention Center



Helsinki Central Library Oodi



Chongqing Smart Guangyang Island Project (Phase I)



Haolebaoji-Ji'an Heavy Haul Railway



Lanzhou Olympic Sports Center

Greater

Faster

Better

More Cost-Effective

Helsinki Central Library Oodi (by MagiCAD)



- ✓ Established a digital MEP information model through MagiCAD
- ✓ Reduced procurement costs and increase the efficiency of on-site MEP commissioning

Beijing Daxing International Airport Terminal



- ✓ Adopted BIM to manage progress, quality, and safety
- ✓ Increased communication efficiency of management information by 15-20%
- ✓ Increased decision-making efficiency by more than 10%

'Ice Cube' Sports Center



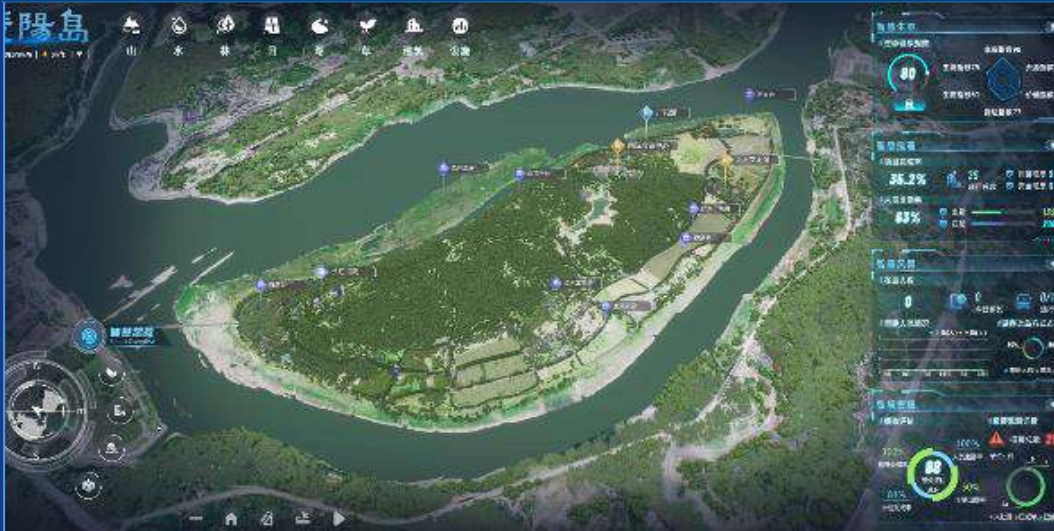
- ✓ Adopted BIM technology which has significantly improved the lean management level
- ✓ Shortened the project period, reduced costs, and improved project quality

Lanzhou Olympic Sports Center



- ✓ Adopted Glodon's smart construction site platform to manage activities at all levels on site with BIM, IoT and information management methods
- ✓ A digital management and control centre facilitated data sharing, visualization and analysis for data-driven decision-making

Chongqing Smart Guangyang Island Project (Phase I)



The EIM system for the island :

- ✓ Enabled ecological governance
- ✓ Created a new ecological construction model
- ✓ Supported the improvement of the overall ecological health and sustainability of the Island

Shenzhen World Exhibition & Convention Center



- ✓ Applied a customized smart construction site management platform integrating the management systems of labour, GPS positioning, material acceptance and tracking, quality and safety inspection, and data
- ✓ Adopted UAV reverse modeling, thermal imaging and TSP environmental monitoring system to manage the site
- ✓ Combined high-precision BIM model for convenient and efficient construction management



We used Glodon-owned buildings to benchmark our **Digital Building Platform**.

We reduced cost, increased quality, and shortened the project timeframe.



Main Achievements of Xi'an R&D Center

- ◆ 7% faster completion
- ◆ 5% fewer management personnel
- ◆ 0% reconstruction
- ◆ 70% improved collaboration compared to analogue process
- ◆ 400K USD saved by optimised construction from initial design
- ◆ Increased sustainability





Reliable Business Partner

Glodon



450+ Awards

Industry Honors

Capital Market Awards

Enterprise Certificates





Glodon is committed to protecting the environment and creating wider social benefits through our responsible operation.



Empower low-carbon transformation

- Continuously improve energy efficiency and reduce direct and indirect greenhouse gas emissions in our own operation.
- Coordinated the economic development and ecology improvement for our clients with an Ecology Information Modeling (EIM) system.
- Supported the construction industry's net-zero goals with a platform for data-sharing on sustainable construction materials.



Fund education development

- So far, we have donated over CNY 9.45 million to several educational institutes to make high-quality educational resources accessible to more students.
- Held various educational activities for construction workers and their children.



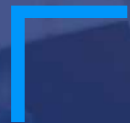
Support farmers in rural areas

- Joined hands with construction enterprises to facilitate the sales of agricultural products of rural areas.



Engage local communities

- In 2022, a total of 399 employees participated in volunteering programs to support the development of local communities.



Committed to the digitalization in construction industry

Stay true to our mission and strive for excellence

Collaborate with industry partners who share our passion

Take responsibility as a digital enabler

Leverage technology to create a better living and working environment

Making Every Project A Success

Helping Every Construction Practitioner Make A Difference

www.glodon.com/en/



Glodon LinkedIn



2023