



SAP Business Transformation Study | High Tech | BGE

# How Does an International Environmental Services Group Use Cutting-Edge Technology to Protect the Planet?

Governments and businesses around the globe are deeply concerned with reducing waste and pollution. One of the first high-tech enterprises in China to specialize in environmental pollution control technology was Beijing GeoEnviron Engineering & Technology Inc. (BGE). BGE is now the country's leader in project contracting, investment operations, and technical solutions and services for environmental remediation, municipal and industrial environmental management, and environmental governance. The company's goal is to become the world's leading environmental system provider.

As the first environmental protection enterprise in China to deploy SAP S/4HANA® on a mobile-connected platform, BGE is seeing clear results. Systems interact more efficiently, providing greater transparency and making it easier to react quickly to changing customer demands. Integrated, real-time data access and analytics means that BGE has greater visibility across all group companies, helping to drive innovation and take advantage of new growth opportunities. With the help of SAP S/4HANA, BGE is making important contributions to mobile management and business transformation that can be used in the environmental protection sector as a model for green initiatives around the world.





“As a pioneer and leader in environmental protection, BGE is **upgrading technology and expanding operations** in line with national policy. It is playing an active role in guiding and promoting ecological development to ensure blue skies, clear water, green lands, and clean air.”

Weiguo Li, President, Beijing GeoEnviron Engineering & Technology Inc.

Having completed more than 800 major domestic and overseas environmental protection engineering projects over 24 years, Beijing GeoEnviron Engineering & Technology Inc. (BGE) is a key player in soil remediation in China. Guided by China's Soil Pollution Action Plan and following a development model of productivity, profitability, and performance, BGE is striving to become a world leader in environmental protection technology. By fully engaging in its corporate mission to create a safe and lasting environment, its goal is to protect humanity, society, and the planet.



**350 million**

People in 300 cities that benefit from 800 environmental protection projects



**6 centers**

For environmental remediation and waste and wastewater management



**First**

Environmental protection enterprise in China to deploy SAP S/4HANA®



# Building an Environmental Protection Platform with **SAP S/4HANA**®



**Beijing GeoEnviron Engineering & Technology Inc. (BGE)**  
Beijing  
[www.bgechina.cn](http://www.bgechina.cn)

**Industry**  
High tech – environmental protection technology

**Products and Services**  
Environmental technology, pollution prevention, investment and operation of environmental protection facilities

**Employees**  
1,400

**SAP® Solutions**  
SAP S/4HANA®

As the first environmental protection enterprise in China to deploy SAP S/4HANA, BGE is dedicated to using cutting-edge technology to promote a healthy, safe planet for generations to come. With SAP S/4HANA at its core, BGE is seeing radical changes in the way the business operates and its people work.

## Before: Challenges and Opportunities

- Drive real-time data interaction across business systems for effective management and analytics
- Build a smart-monitoring platform to achieve unified control over enterprise resources
- Integrate finance and business to improve access, analysis, and decisions
- Create an information management model for the environmental protection sector in 3–5 years using a mobile “Internet + environment” ecosystem based on online and offline collaboration

## Why SAP

- Enterprise resource planning (ERP) system that combines superior management methodologies and ideas
- Integration of business with finance and office automation systems
- Software that meets management demands for rapid expansion into international markets

## After: Value-Driven Results

- Efficient interaction between internal systems on a mobile-connected platform, resulting in improved enterprise management transparency and operational efficiency, faster response times to customer demands, and enablement of field engineering projects
- Faster reporting in key areas such as financials, enhancing information management across BGE and its subsidiaries and enabling comprehensive control over the entire enterprise
- Radical changes in the way people work and communicate within the company
- Driving force for business innovation and revolution that lead to new growth opportunities

**“SAP S/4HANA supports BGE’s IT systems, organizational processes, and business strategies. It is making BGE more efficient as the core of a future-proof environmental service ecosystem platform.”**

Weiguo Li, President, Beijing GeoEnviron Engineering & Technology Inc.

## 10x

Faster month-end reporting settlement cycle (reduced from 10 days to 1 day)

## 31 processes

Organized and redefined through ERP with SAP S/4HANA as its core

## 1 code

For complete and unified project lifecycle management that tracks every detail accurately

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