

# JGC Corporation Introduction of Facility Solutions

A large, stylized globe graphic is positioned on the right side of the slide. It is composed of a grid of small dots, with the continents of North and South America visible. The globe is tilted and has a soft shadow beneath it.

Enhancing **planetary** health

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# History of JGC Group

Historical roles since the company was founded  
Supporting the foundations of industry and society at large, at the crossroads of challenges in  
**balancing energy and environmental needs**

1950s~



Refinery

1970s~



LNG

1990s~



Life Science

2000s~



Renewable Energy

2020s~



Hydrogen, SAF, Semiconductor



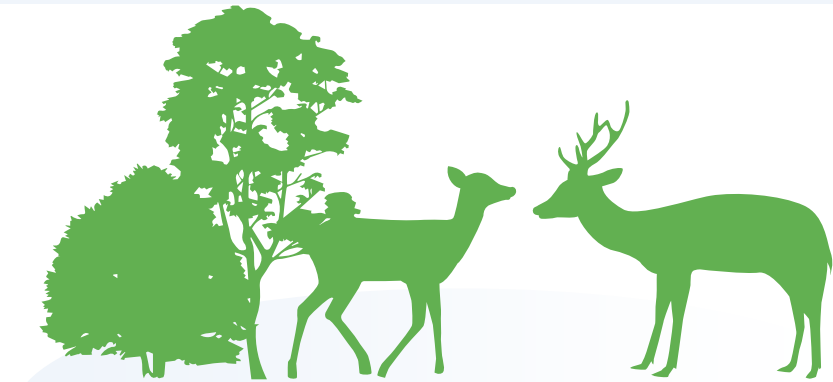
**I want the company to be a presence that supports  
the foundation of industry as well as society  
regardless of era.**

Founder Masao Saneyoshi

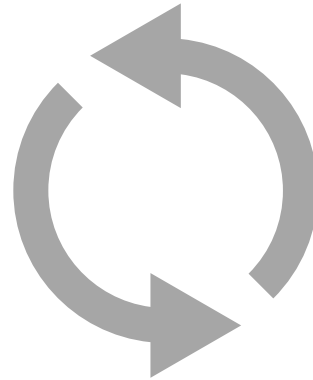
# Social issues that JGC Group will focus on

Guided by our purpose of **"Enhancing planetary health,"**

JGC Group will address the three social issues by applying proven capabilities and experience.



**Health of the Earth**



**Health of Humans**

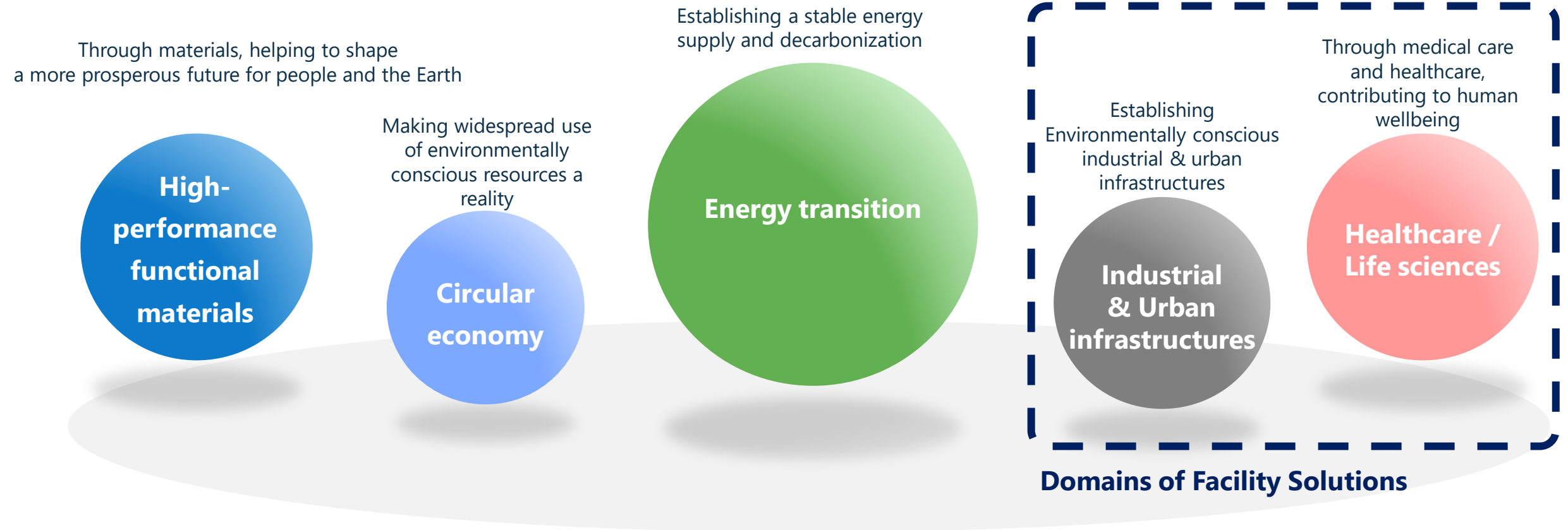
**Pursuing both a stable energy supply and decarbonization**

**Reducing the environmental impact of resource consumption**

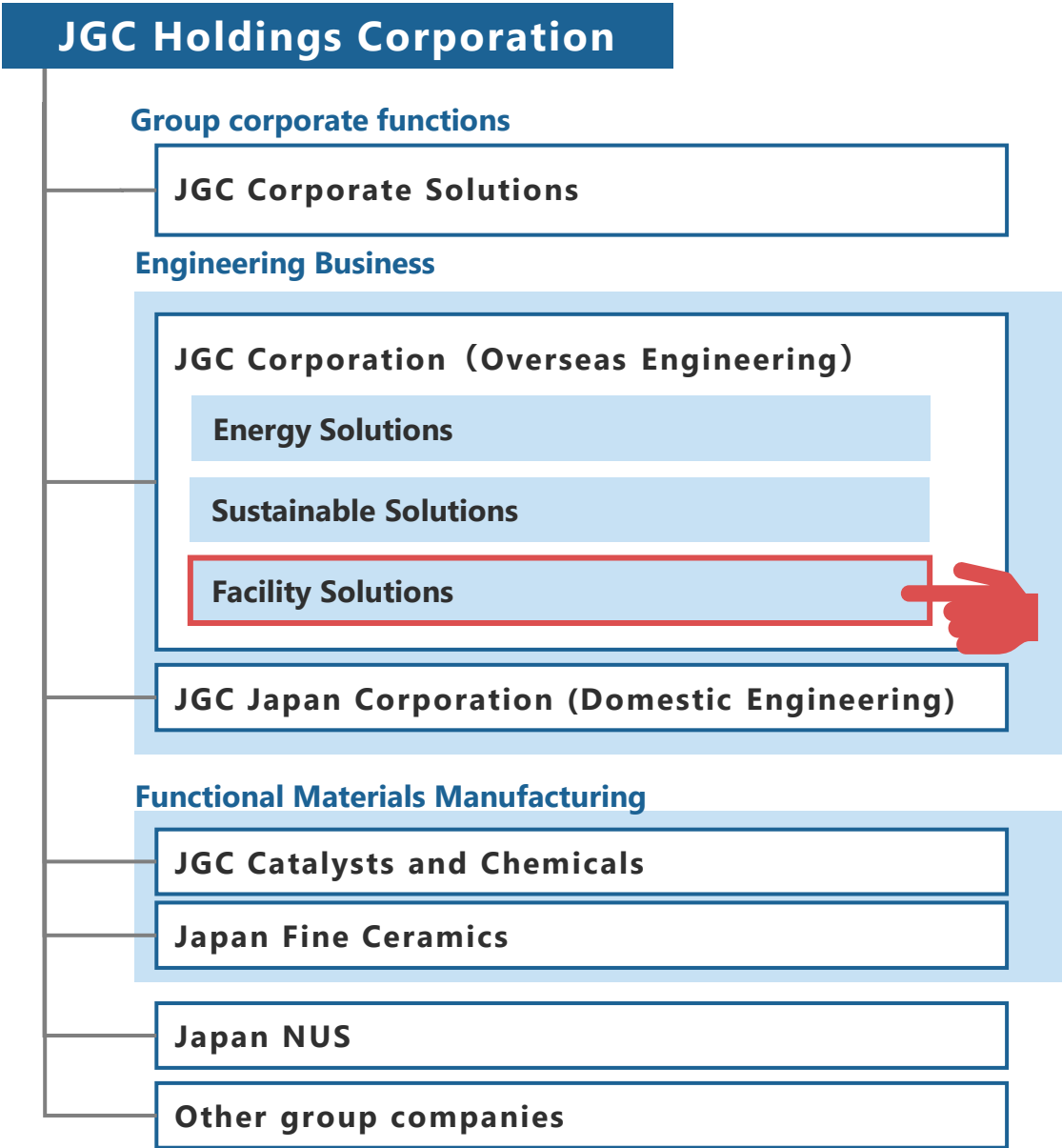
**Building and maintaining vital infrastructures and services**



## A corporate group that contributes to enhancing planetary health in five (5) business areas



# Organization



# Business Domains of Facility Solutions



**Semiconductors**



**Data centers**



**EV batteries**



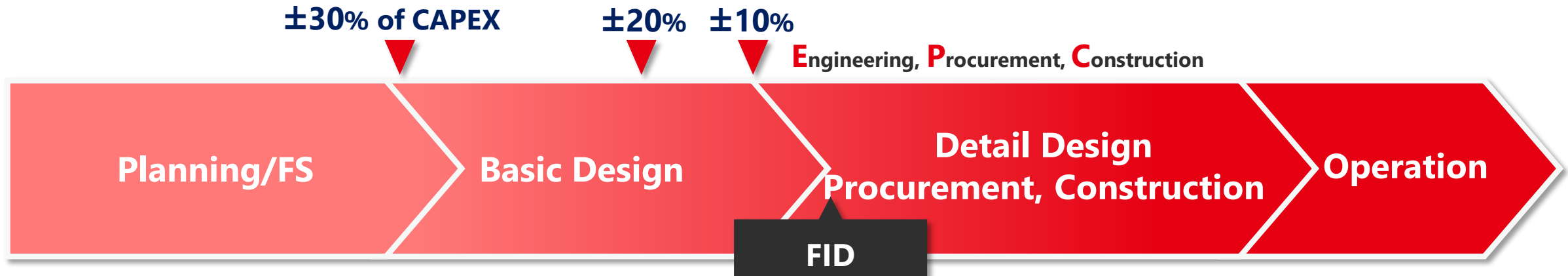
**Life sciences**



# Major Project Experiences

#	Facility	Region	Completion year	Scope of work
1	Chemicals, for semiconductor manufacturing	North America	-	FS / FEED / EPC
2	Chemicals, for semiconductor manufacturing	North America	2024	FEED
3	Chemicals, for semiconductor manufacturing	SEA	-	EPC
4	Data Center	SEA	2024	Engineering Study
5	Data Center	(Confidential)	-	Basic Design
6	EV battery components	Europe	2023	FEED
7	EV battery components	Europe	2022	Modulization Study
8	EV battery components	North America	2024	Conceptual Study
9	EV battery components	North America	2024	Pre-FEED
10	Pharmaceuticals	SEA	2023	FS / FEED / EPC
11	Pharmaceuticals	(Confidential)	2022	Conceptual Study
12	Medical devices	SEA	-	FS / FEED / EPC
13	Medical devices	SEA	-	Operating System introduction

## ■ Capital Investment process



- Study of potential sites
- Local permits application support
- Preliminary project schedule
- Preliminary CAPEX
- Manufacturing process study

- Detailed project schedule
- Detailed CAPEX
- Inquiry package preparation
- Local codes and standards compliance
- Facilities/technologies localization

- Flexible contract scheme
- Schedule-Cost-Quality control
- Selection of optimum vendors
- Reliable construction execution system
- Commissioning plan for smooth start-up

**Support clients from the early stages of their projects**



## Worldwide Contractor

### Extensive experience

#### Project experience

**87** countries  
over **20,000** projects

#### Overseas networks

**22** countries  
**33** locations

### Extensive global network

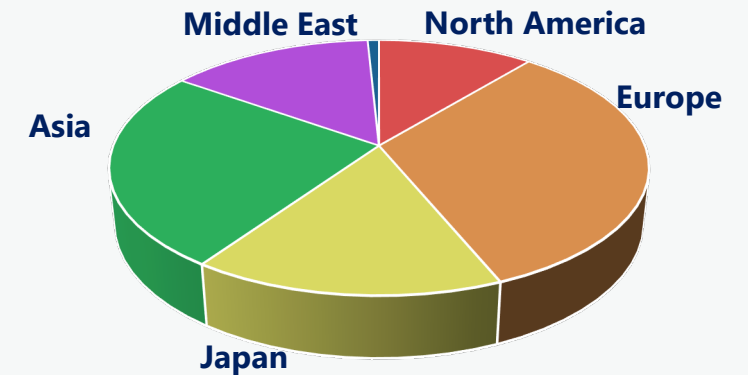
Local support in  
collaboration with partners

- ▶ Local regulations
- ▶ Local licenses
- ▶ Local market prices

### Optimal procurement sources

#### Annual equipment procurement value

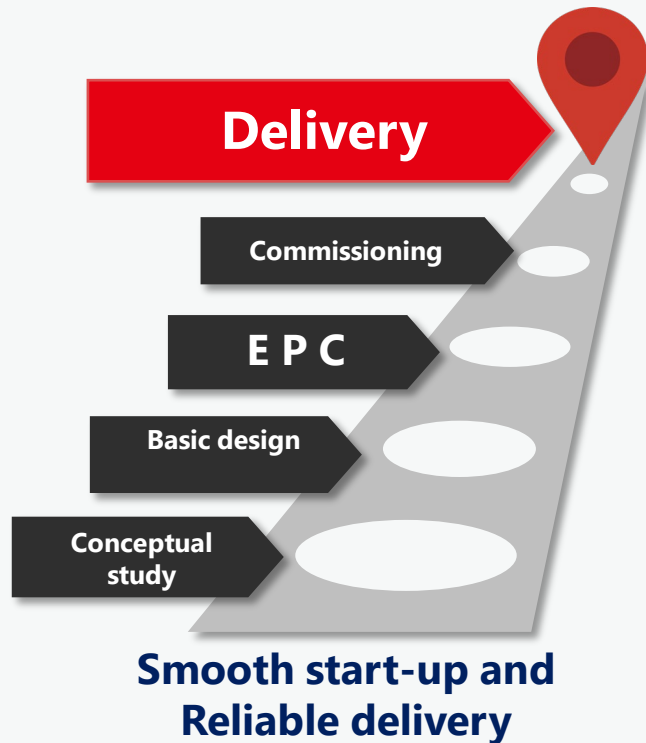
USD **1** billion or more



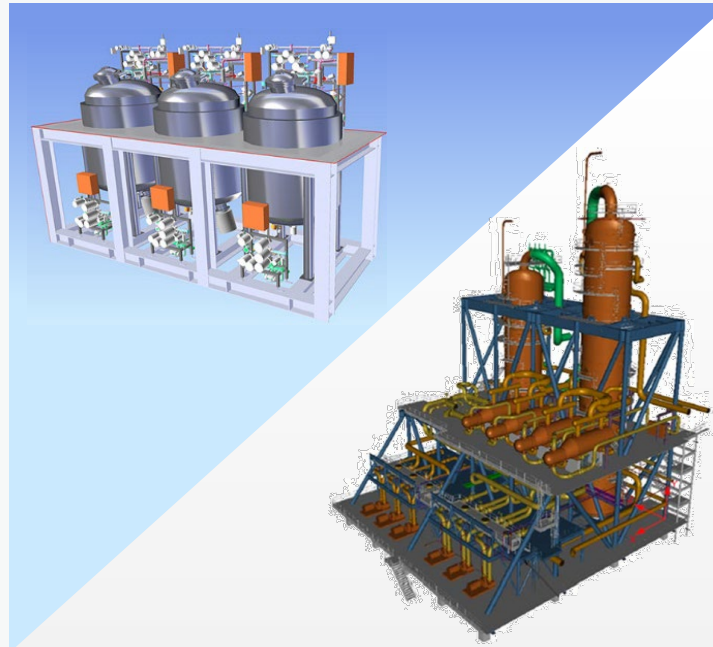
Procurement sources by region

## Project execution with delivery in mind

### One stop service



### Optimized construction methods



**Modular construction methods for rapid delivery**

### Safety as a top priority



**Obey the rules themselves, and be considerate of those around them**

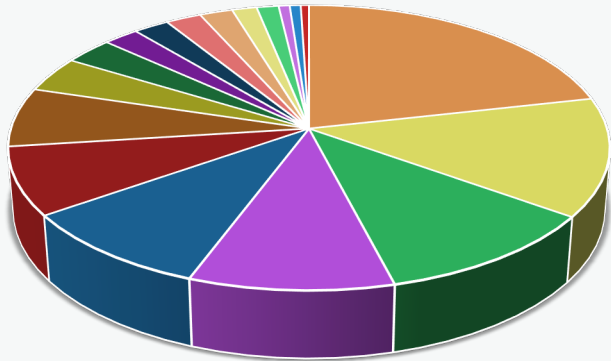
# Our Values (3)

## Comprehensive engineering considering manufacturing processes

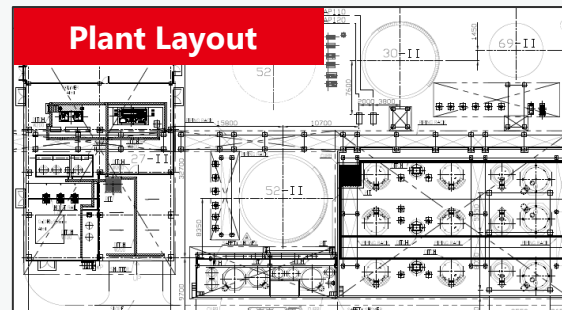
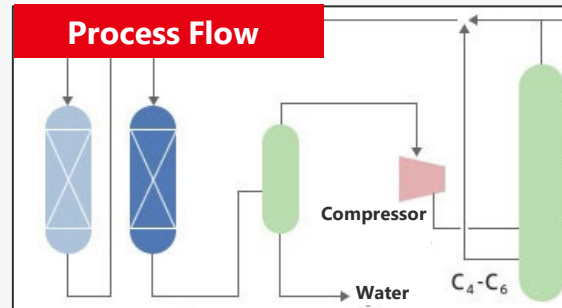
### A wide variety of Engineers

#### Engineering resources

**20** category  
**3,000** engineers



### Design focusing on manufacturing processes



### Technological Integration

Optimization of production and logistics

Improved efficiency of production

System implementation

Environmentally friendly

BCP (Business Continuous Plan)