## **Aiming for Sustainable Development**

The Taiheiyo Cement Group aims to address social challenges through its business activities while pursuing the growth of the Group through these contributions.

## **Taiheiyo Cement Group's Values**

#### Mission of the Taiheiyo **Cement Group** Formulated in June 11, 2002)

Our mission is to contribute to social infrastructure development by providing solutions that are environmentally efficient, enhance our competitive position and bring value to our stakeholders.

1994

Chichibu Onoda Cement Corporation

#### Taiheiyo Vision 2030

Future vision targeting 2050

#### [Our Mission]

Supply critical materials for national resilience Key player in the formation of circular economy Steady Transition to Carbon Neutrality

Engagement with stakeholders



1883 Asano Cement Co., Ltd.

CD S

the World

ative







• Deploy around the world the Group's overall capabilities and revolutionary technologies including carbon neutrality. Become a leader in the global cement industry.

• Become a corporate group that supports a safe, secure, decarbonized and recycling-based society for people.

- Expand the Group's presence in the Pacific Rim by utilizing its overall capabilities.
- Contribute to the achievement of carbon neutrality and circular economies.
- Become a robust corporate group that grow sustainably.

## 1998



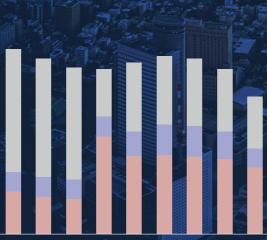
## **Taiheiyo Cement's DNA**

# Taiheiyo Cement is continuing to support economic development and social infrastructure while being environmentally conscious.

|  |  | 2010~  |  |  |  |
|--|--|--|--|--|--|
| 1990~  | 2000~  |  |  |  |  |
| Birth of Taiheiyo Cement and<br>Full-Scale Development of<br>Waste Treatment   | Overseas Expansion of Cement<br>Business   | Improve Profits Through<br>Structural Reforms and<br>Cooperation in Disaster Recovery  |  |  |  |
| Our company was founded in 1998 amidst<br>turbulent times as domestic demand<br>peaked and began to decline. We began<br>the full-scale development of our waste<br>recycling business as a measure to | In addition to existing sites in the U.S.<br>and China, we accelerated investment<br>in Southeast Asia to build our cement<br>business in the Pacific Rim. | We focused on business restructuring to<br>improve profitability. We received disaster<br>waste and assisted in the early recovery of<br>areas affected by disaster. |  |  |  |
|  |  |  |  |  |  |
|  | llion yen)<br>10,000 -   |  |  |  |  |
|  | 8,000 -  |  |  |  |  |



4



2002

6,000 -

4,000 -

2,000 -

0 -

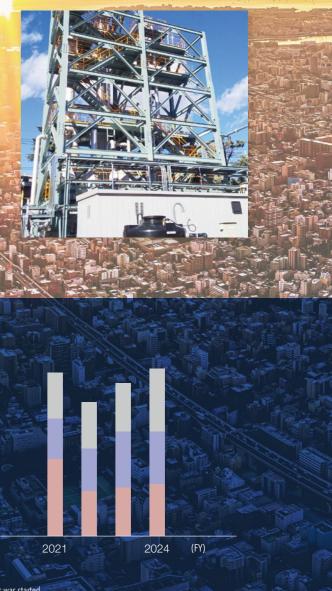
\* Consolidated net sales figures are presented from when information disclosure of overseas business was started.
\* Changes to segments, etc. were made in FY2005.
\* The "Accounting Standard for Revenue Recognition" (ASBJ Standard No. 29), etc. were applied from FY2022.

2011

#### 2020~

## Strengthen Initiatives to Achieve Carbon Neutrality

We have formulated the "Carbon Neutral Strategy 2050" and are working on the development of innovative technologies that are positioned as a new growth strategy.



## Taiheiyo Cement's Strengths – Sources of Competition –

The Taiheiyo Cement Group's social mission is to contribute to solving social challenges and to continue to provide a stable supply of high-guality cement and limestone through a robust supply chain both domestically and internationally.

## Leading Supplier of Cement and Limestone Supporting a Safe and Secure Society

The Taiheiyo Cement Group operates globally with a focus on the Pacific Rim, but we take pride in being Japan's leading supplier of cement and limestone, backed by our long history in the industry. To secure limestone for cement raw materials and aggregates used in ready-mixed concrete, we are working on guarry development with a future-oriented approach that looks 100 years ahead. Our corporate mission is to continue to provide a stable supply of cement products and limestone that support a safe and secure society.

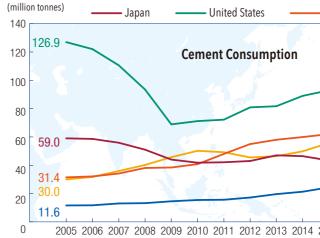


The Taiheiyo Cement Group's domestic cement plants accept waste and by-products generated by local communities and other industries, as well as disaster waste generated by natural disasters, as raw materials and fuel for cement. This approach contributes to solving social challenges, including the establishment of a circular economy and the restoration of disasterstricken areas. Our world-class manufacturing technology is utilized to recycle waste. We manufacture cement that meets standards without generating new waste.



We promote human capital management based on the idea that "people are a company's greatest asset." We foster a workplace that supports our employees' well-being by promoting work-life balance, as well as health and productivity management (H&PM). In addition, believing that the work of diverse talent contributes to enhancing corporate value, we are implementing various initiatives to promote diversity and inclusion, including the employment of women and those with disabilities. We are also advancing human resources development to foster the growth of each individual employee.





We systematically implemented growth investments, even in the challenging business environment during the 23rd Medium-Term Management Plan, and we plan to continue these investments in the 26th Medium-Term Management Plan while maintaining financial discipline. To support this, our financial strategy will involve stable fund raising and building a robust financial base. In addition, the company's financial soundness was recognized, and our issuer ratings have improved from the previous fiscal year. (JCR/A+, R&I/A)

**Stable Financial Footing** 

| Indon              | esia   |         | – Vietn | am         |         | — Pl      | hilippi          | nes     |              |
|--------------------|--------|---------|---------|------------|---------|-----------|------------------|---------|--------------|
| 5. <sub>(1</sub> ) | 1      |         |         |            |         |           |                  | 1       | 09.7         |
|                    |        |         |         |            |         |           |                  |         |              |
|                    |        | ~       |         | $\searrow$ | _:      | e::1:2    | •••::::          |         | 65.0<br>59.9 |
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| 2015 2             | 016 20 | 17 2018 | 3 2019  | 2020       | 2021    |           | 2023<br>Forecast |         | (Year)       |



## The Social Value of Cement

By recycling waste and other materials to manufacture cement,

the Taiheiyo Cement Group is simultaneously contributing to "building safe and secure social infrastructure" and "solving social challenges," such as extending the lifespan of waste disposal sites.

## Manufacture

**Supply Critical Materials for National Resilience** 



Limestone (Main Raw Material)

**Cement plant** 

Kiln

#### **The Wonders of Taiheiyo Cement**

#### POINT

#### More Than 400 Kg of Waste is Used to Make 1 Tonne of Cement

- The amount of waste and by-products used by Japan's cement industry accounts for approximately 11% of the domestic recycling volume.
- The Taiheiyo Cement Group's domestic factories use waste and by-products generated by local communities and other industries as alternative raw materials and fuel. This amounts to more than 400 kg per tonne of cement manufactured.



Waste and By-products. (Alternative Raw Materials and Fuel) • Municipal Waste, Incineration Residues

- Waste Water, Sewage Sludge, and Various Industrial Wastes
- Construction Soil, Coal Ash, Blast Furnace Slag, etc.



#### POINT

Recycle

#### **High-Temperature Calcination Completely** Neutralizes Harmful Substances

- In the cement plant, cement is produced through calcination at high temperatures of about 1,450°C in large rotary kilns.
- This high temperature calcination allows the waste to be recycled as raw materials and fuel for cement. Dioxins are also decomposed by the high temperatures.

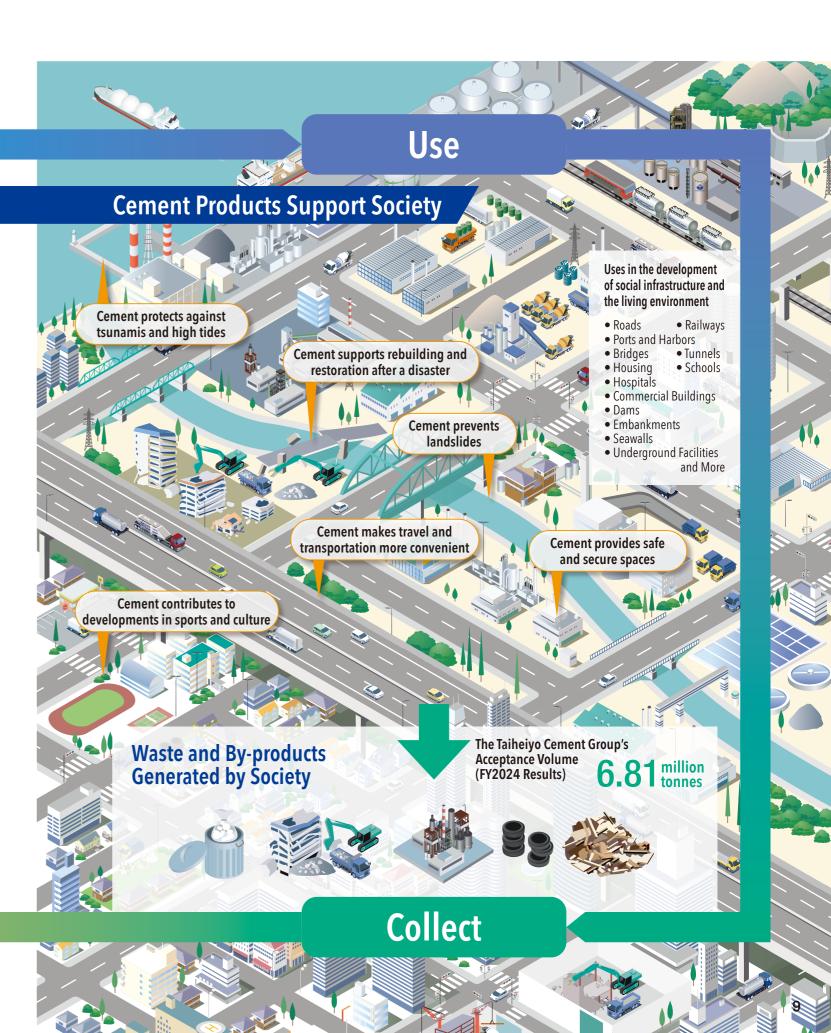


#### POINT

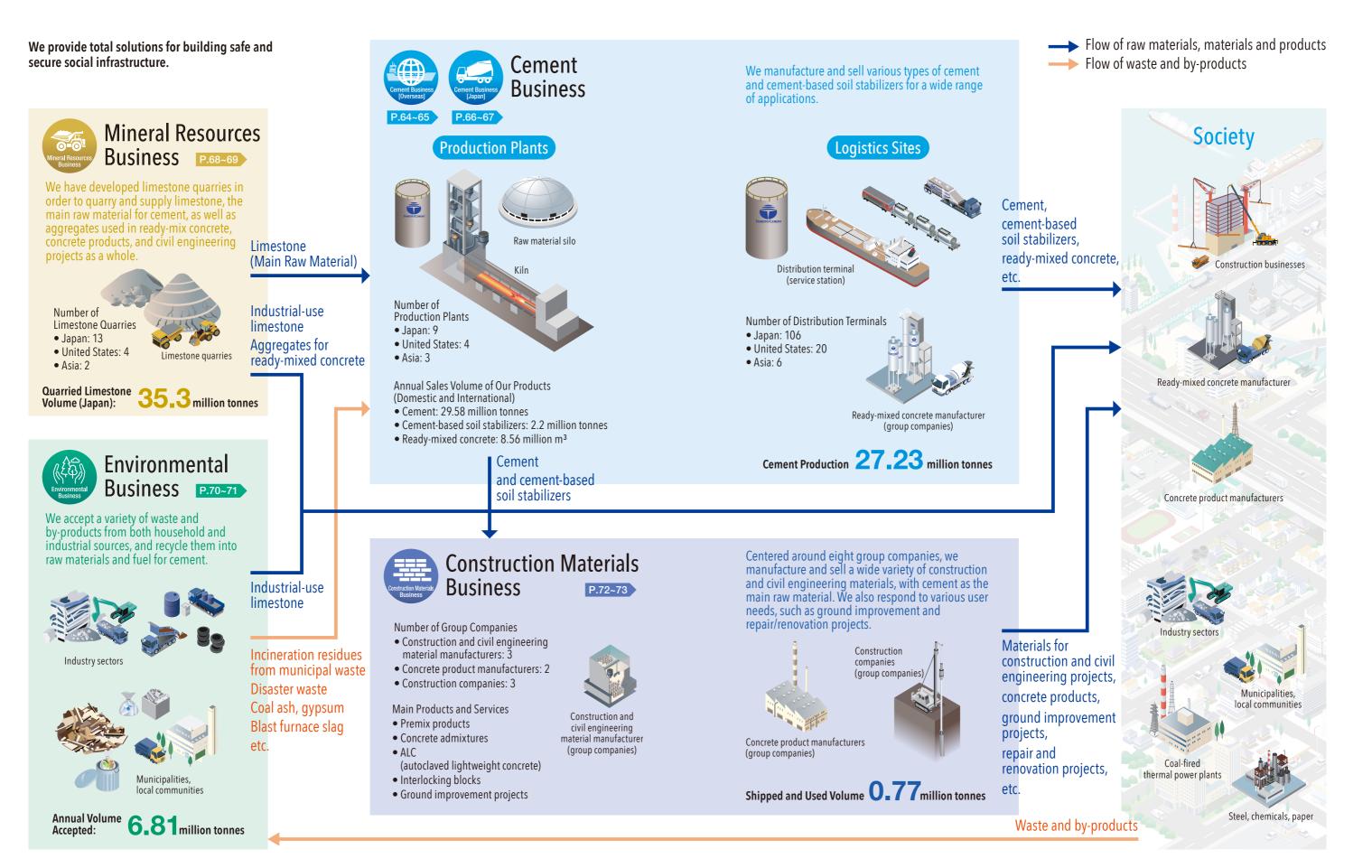
#### **Cement as an Important Material That** Supports Society

- Cement is used in a variety of social infrastructure projects such as roads, bridges, and buildings. A stable supply is especially essential in Japan, where natural disasters are common.
- The Taiheiyo Cement Group boasts an annual cement sales volume of approximately 30 million tonnes both domestically and overseas, and has established a stable supply system throughout the Pacific Rim.

#### Key Player in the Formation of Circular Economies



## **Business Model**



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### **Global Network of Taiheiyo Cement Group**

