

## The second report after issuance of Green Bonds (40th issuance of unsecured bonds)

### 1. Status of appropriation of procurement funds (December 2021 - September 2023)

The following table shows the status of appropriation of funds procured through Green Bonds (40th issuance of unsecured bonds) that were issued on December 9, 2021.

| Item  | Amount (JPY million) |
|---|----------------------|
| ① Amount raised (after deducting issuance costs)                        | <b>9,943</b>         |
| ② Amount of appropriation (1.+2.+3.)                                    | <b>9,943</b>         |
| 1. Renovation of existing facilities to make them more energy-efficient | 5,520                |
| 2. Investment in the renewable energy businesses                        | 2,510                |
| 3. Investment in the development of decarbonization technologies        | 1,913                |
| ③ Non-appropriated balance (①-②)  | <b>0</b>             |

### 2. Environmental impacts

#### 1. Renovation of existing facilities to make them more energy-efficient

##### - 1. ZEB certification acquisition status

All three existing facilities (Taisei Corporation Kansai Branch Building, Taisei Corporation Yokohama Branch Building and Taisei U-LEC Corporation Kawagoe Plant) got ZEB certification under the Building-Housing Energy-efficiency Labeling System (BELS) in April 2022.

[https://www.taisei.co.jp/about\\_us/wn/2022/220426\\_8771.html](https://www.taisei.co.jp/about_us/wn/2022/220426_8771.html) (Japanese)

##### - 2. In April 2023, we completed the Green Renewal<sup>®</sup> ZEB renovation of three facilities owned by the Taisei Group.

For information on the technologies that support Green Renewal<sup>®</sup> and the benefits it provides, such as environmental improvement effects, please see the following.

[https://www.taisei.co.jp/about\\_us/wn/2023/230424\\_9491.html](https://www.taisei.co.jp/about_us/wn/2023/230424_9491.html) (Japanese)

2. Investment in the renewable energy business (including refinancing)

The Miya River Watarai Solar Park Power Plant (output: approx. 72 MW), the largest solar power generation facilities in the Chubu region which was constructed through the work of Miya River Watarai Solar Park, a joint venture among several companies, has been completed and commenced commercial operation. For information on the amount of power generated and the amount of CO<sub>2</sub> reduction, please see the following.

[https://www.aisei.co.jp/about\\_us/wn/2023/230510\\_9512.html](https://www.aisei.co.jp/about_us/wn/2023/230510_9512.html) (Japanese)

<https://watarai-solar.sakura.ne.jp/plan/> (Japanese)

3. Investment in the development of decarbonization technologies

As of September 2023, of the 392 technical development items managed as "technical development" in the Medium-Term Business Plan, 81 are related to decarbonization.

- Click the following link for the status of development and implementation of T-eConcrete®, environmentally friendly concrete.  
<https://www.aisei.co.jp/t-econcrete/> (Japanese)
- See the following Taisei press releases (Japanese only) for the progress in major technical development items contributing to decarbonization between October 2022 and September 2023.
- “T-Green® Multi-Solar” Multi-functional solar power system integrated with building exteriors (walls or windows) or balcony glass balustrade. (October 11, 2022)  
[https://www.aisei.co.jp/about\\_us/wn/2022/221011\\_9103.html](https://www.aisei.co.jp/about_us/wn/2022/221011_9103.html) (Japanese)
- Utilization of calcium carbonate generated in the papermaking process for "T-eConcrete®/Carbon-Recycle". (November 24, 2022)  
[https://www.aisei.co.jp/about\\_us/wn/2022/221124\\_9172.html](https://www.aisei.co.jp/about_us/wn/2022/221124_9172.html) (Japanese)
- Demonstration project initiated for building a hydrogen supply chain in Muroran, Hokkaido. (November 24, 2022)  
[https://www.aisei.co.jp/about\\_us/wn/2022/221124\\_9169.html](https://www.aisei.co.jp/about_us/wn/2022/221124_9169.html) (Japanese)
- T-Carbon® Mixing: Technique to spray and bind CO<sub>2</sub> during concrete mixing. (January 16, 2023)  
[https://www.aisei.co.jp/about\\_us/wn/2023/230116\\_9230.html](https://www.aisei.co.jp/about_us/wn/2023/230116_9230.html) (Japanese)
- Development and application of new technologies to promote Green Renewal ZEB. (February 24, 2023)  
[https://www.aisei.co.jp/about\\_us/wn/2023/230224\\_9341.html](https://www.aisei.co.jp/about_us/wn/2023/230224_9341.html) (Japanese)
- Efforts towards Zero Carbon Construction, aiming for near-zero CO<sub>2</sub> emissions during construction.

(April 28, 2023)

[https://www.taisei.co.jp/about\\_us/wn/2023/230428\\_9502.html](https://www.taisei.co.jp/about_us/wn/2023/230428_9502.html) (Japanese)

- Synthetic segments using T-eConcrete<sup>®</sup>/Zero-Cement Type applied to sewer pipe shield tunnels. (July 6, 2023)

[https://www.taisei.co.jp/about\\_us/wn/2023/230706\\_9587.html](https://www.taisei.co.jp/about_us/wn/2023/230706_9587.html) (Japanese)

- Commissioned to carry out the "Survey on the Implementation of Advanced CCS Projects (Capture, Transportation, and Storage of Carbon Dioxide) in FY2023". (August 2, 2023)

[https://www.taisei.co.jp/about\\_us/wn/2023/230802\\_9609.html](https://www.taisei.co.jp/about_us/wn/2023/230802_9609.html) (Japanese)

- Start of technological demonstrations of efforts to reduce CO<sub>2</sub> emissions in civil engineering projects to net zero. (August 21, 2023)

[https://www.taisei.co.jp/about\\_us/wn/2023/230821\\_9623.html](https://www.taisei.co.jp/about_us/wn/2023/230821_9623.html) (Japanese)