

## 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)