

Report on the Netherlands and Belgium survey 2024 –Survey on the status of initiatives for resource recycling and the circular economy–

**Japan Industrial Waste Information Center
(JW center)**



Purpose of the Survey

- **In order to achieve carbon neutrality, efforts for resource recycling and the circular economy are gaining momentum in Japan and abroad. Circular economy initiatives are particularly advanced in Europe and are attracting attention. Therefore, the JW Center conducted a survey to understand the state of initiatives in the Netherlands and Belgium, in order to provide a reference for the Japanese waste management industry and JW Center operations.**
- **As part of its work-related content, the JW Centre will investigate examples of the use of waste information and use them as a reference for initiatives such as decarbonization through the use of manifest information.**

Method of the survey

- **Through a coordinator based in the Netherlands, the JW Centre asked companies, organizations and municipalities in the Netherlands and Belgium to cooperate in the interview survey.**
- **Companies and organizations explained their overview and initiatives, answered interviews and allowed to inspect their treatment facilities.**
- **The survey covered areas such as waste information tracking and information utilization, construction and demolition waste recycling, plastics recycling, battery recycling, food loss reduction and waste management and circular economy policies.**

Suvey schedule : 2-5 July in the Netherlands

2nd July (Tue)	<ul style="list-style-type: none">● Visit to JETRO Netherlands (Collection of information on Dutch industries) https://www.jetro.go.jp/netherlands.html● Visit to Excess Materials Exchange (Waste information tracking and information utilization) https://cehub.jp/interview/excess-materials-exchange/
3rd July (Wed)	<ul style="list-style-type: none">● Visit to GP Groot (Construction and demolition waste recycler) https://www.gpgrootinzameling.nl/● Visit to Remondis (Construction and demolition waste recycler) https://www.remondisnederland.nl/home/● Dutch Waste Management Association (DWMA, Arranged visits to the above two companies) https://verenigingafvalbedrijven.nl/english
4th July (Thu)	<ul style="list-style-type: none">● Visit to City of Amsterdam (Municipality) https://www.amsterdam.nl/en/waste-recycling/● Dining with Taste before you waste member (Organization involved in food loss reduction initiatives) https://www.tasteforeyouwaste.org/
5th July (Fri)	<ul style="list-style-type: none">● Circular Economy Tour in Amsterdam

Suvey schedule : 8–9 July in Belgium, 10 July in the Netherlands

8th July (Mon)	<ul style="list-style-type: none">● Visit to The One Project (Plastic recycling consultant) https://www.theoneproject.eu/ https://ideasforgood.jp/2019/02/21/colossus3dprinter/
9th July (Tue)	<ul style="list-style-type: none">● Visit to European Waste Management Association (FEAD) https://fead.be● Visit to Bebat (Battery recycling company) https://www.bebat.be/en/homepage
10th July (Wed)	<ul style="list-style-type: none">● Visit to Mud Jeans (Jeans rental company)* Additional visits in relation to Circular Economy Tour conducted on 5th July

The Netherlands Basic Information

[General information]

- **Population 17.94 million (1st Jan 2024, source: Central Bureau of Statistics)**
- **Capital city Amsterdam Population 930 000(1st Jan 2024, source: Central Bureau of Statistics)**
- **Land Area 41,543 sq km (about one ninth the size of Japan)**

The Netherlands Basic Information

[Main industries]

- **Major industrial sectors include semiconductor manufacturing, chemical industry and shipbuilding.**
- **Agriculture is thriving and agricultural exports are ranked second in the world.**

[Nationality]

- **Rationalism, pursuing efficiency**
- **World's firsts and see the value in achieving what no one else has done.**
- **The spirit of 'learning by doing'**

The Netherlands Basic Information

[Carbon neutral, environmental and other policies]

- **In response to the EU Directive, the Netherlands is intensifying its shift to the use of renewable energies, in particular hydrogen production and utilization. Groningen, a natural gas producing region, is also steering towards hydrogen production.**
- **Priority industries include hydrogen production, semiconductor manufacturing, sustainable chemicals and agri-tech, and research and development is being strengthened at engineering universities through industry-academia-government collaboration. Circular economy initiatives are being promoted to achieve carbon neutrality.**

Belgium Basic Information

[General information]

- **Population 11.76 million (end of 2023, source: NBB.Stat)**
- **Capital city Brussels Metropolitan area population 1.24 million (end 2023, source: NBB.Stat)**
- **30,688 sq km (about one twelfth the size of Japan)**

Belgium Basic Information

[Main industries]

- **Chemical Industry, Mechanical Industry, Metal Industry, Food Processing Industry**
- **A trading nation with some of the world's most advanced science and technology industries, including biotechnology, pharmaceuticals, petrochemicals, aerospace and aviation, nanotechnology, etc.**
- **Vaccine development and production sites of Pfizer and others are located in Belgium.**

Belgium Basic Information

[Carbon neutral, environmental and other policies]

- **“The National Energy and Climate Plan 2021-2030” developed in 2019, sets a target of 40% of total energy demand from renewable energy sources by 2040 mainly through the development of offshore wind power, and all of it by 2050.**
- **“The Long-Term Strategic Vision for Sustainable Development” indicates that the aim is to “reduce the environmental impact and reduce food residues through the production of products and agriculture that do not harm the human body or the environment”.**