

Business Overview

Working Together as a Group to Realize a Circular Economy



Resource Circulation Business

We work to use limited resources effectively and reduce waste by promoting the reuse, recycling, and remanufacturing of waste and resources. We also offer new value to the world by using waste to manufacture recycled materials.

■ ECONECOL Inc.



■ Kuroda Recycle Co., Ltd.



■ SYN ECO Inc.



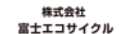
■ Toyo Rubber Chip Co., Ltd.



■ ARBIZ Corporation*



■ Fuji Eco Cycle Co., Ltd.*



*Affiliates accounted for under the equity method



Global Trading Business

In this business, we distribute internationally the metal scrap and other resources generated in Japan and other countries. We also move used items, such as used cars and maintenance parts, from Japan onto global markets.

■ NEWSCON Inc.



■ 3WM Co., Ltd.



Lithium-ion Battery Recycling Business

By recycling lithium-ion and other rechargeable batteries, we help to collect and make use of limited resources, such as cobalt, nickel, and lithium. We aim to achieve a closed loop, battery to battery.

■ VOLTA Inc.



Welfare Service Business
for People with Disabilities



Environmental Management
Consulting Business

Other Business

In this segment, we are developing the Welfare Service Business for People with Disabilities. This business supports the independence of people with disabilities, helping them to find work and in community life. In addition, our Environmental Management Consulting Business helps companies develop environmental strategies and plans for reducing greenhouse gas emissions.

Welfare Service Business for People with Disabilities

■ ASTOCO Inc.



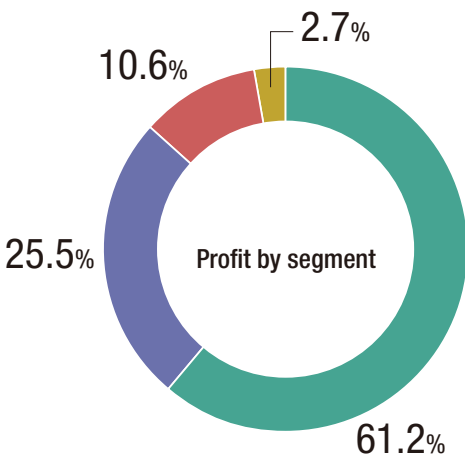
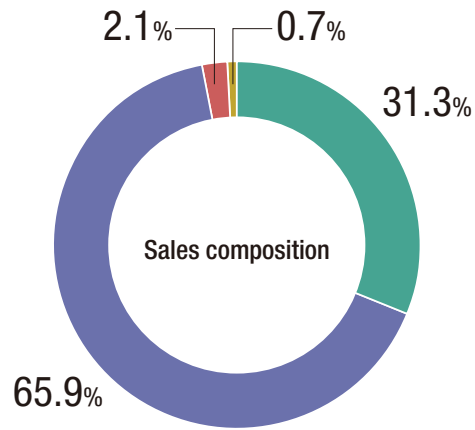
Environmental Management Consulting Business

■ Bright Innovation Co., Ltd.

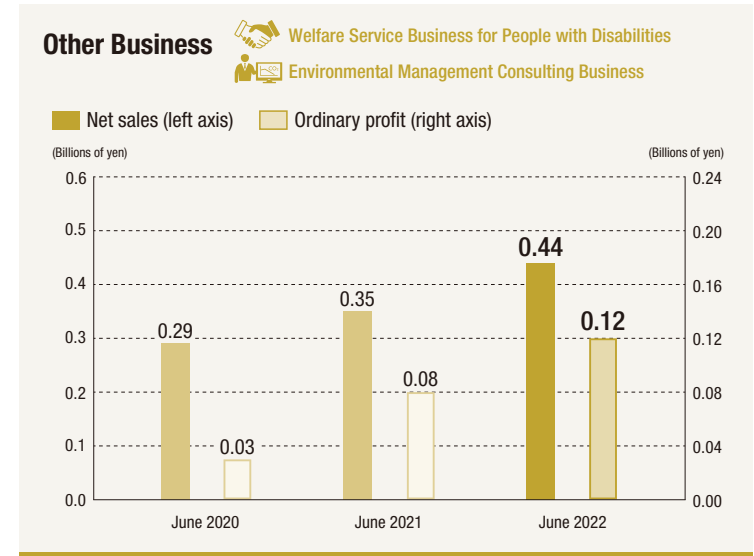
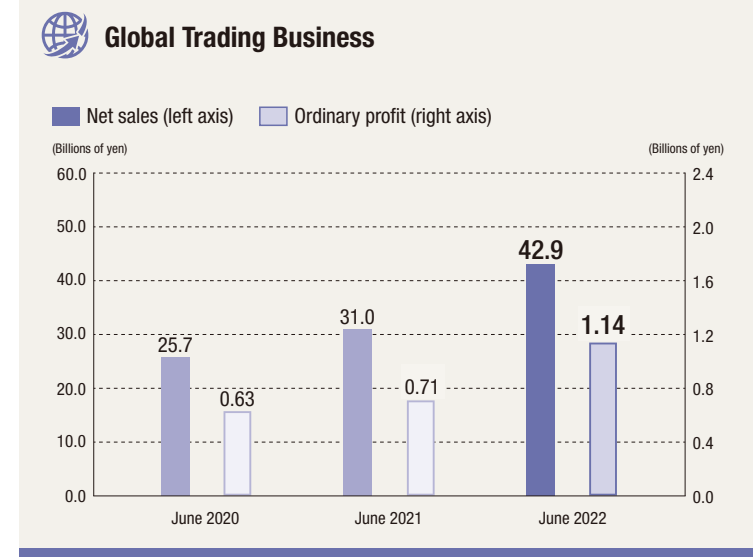
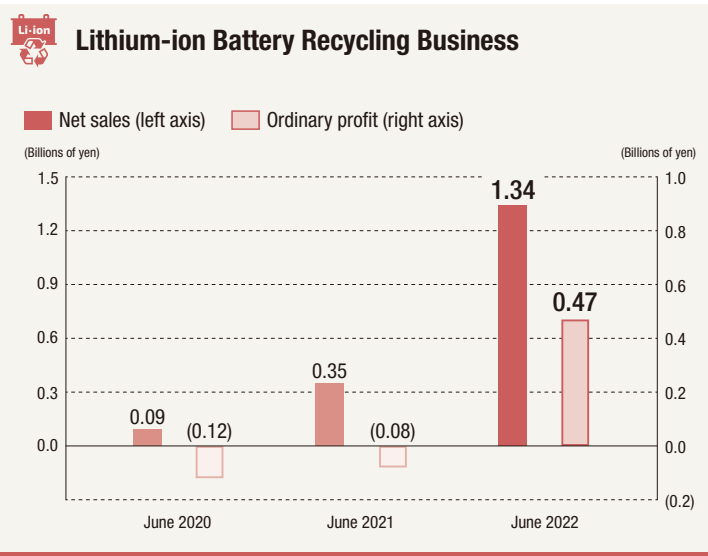
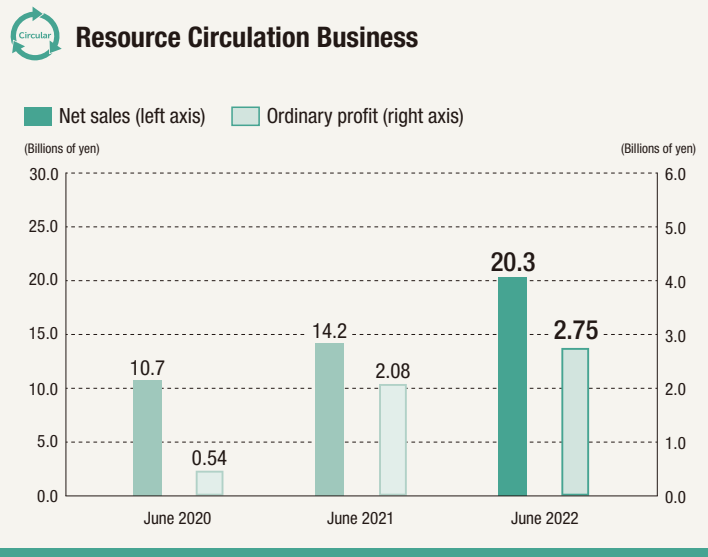


Highlights by Segment

- Resource Circulation Business
- Global Trading Business
- Lithium-ion Battery Recycling Business
- Other Business



ENVIPRO Group (results for the year ended June 2022)

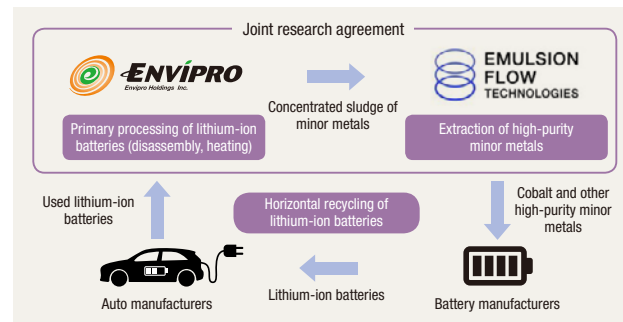


Highlights

Topics
01

Joint Research Aimed at Recycling High-Purity Minor Metals from Lithium-Ion Batteries

In August 2021, we signed a joint research agreement with Emulsion Flow Technologies Ltd. (EFT) to use EFT's emulsion flow (hydrometallurgical) technology to collect minor metals from lithium-ion batteries (LIBs). Our role is to collect LIBs, provide minor metal concentrate sludges that have undergone primary processing, and share our knowledge on solvent extraction technologies. EFT is responsible for development to scale up emulsion flow equipment and for using emulsion flow technology to develop minor metal extraction flows.

Topics
02

Announcement of Our Medium-Term Management Plan (Sustainability Strategy)

In August 2021, we unveiled our medium-term management plan (Sustainability Strategy). In August 2022, we revised our consolidated numerical targets on a rolling basis. [▶P7](#)

Topics
03

Reinforcement of the Wood Biomass Business through M&A

In October 2021, Fujimi BMS Co., Ltd. became a subsidiary of ECONECOL Inc., and Econeol absorbed and merged Fujimi TMS Co., Ltd. in March 2022. This acquisition enhanced our response to the growing demand for recycled wood waste and biomass fuels, which we had handled little in the past. [▶P16](#)

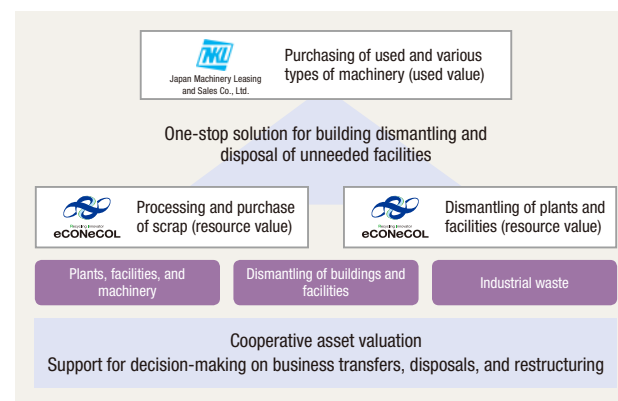
Topics
04

Opening of a New Welfare Service Location, Focused on Social Farming, for People with Disabilities

In April 2022, we divided Ecommit Azumino, where ASTOCO Inc. conducts a type B continuous employment support program for people with disabilities, into Ecommit Akashina (a new location focused on social farming) and Ecommit Toyoshina. This second location handles recycling, in collaboration with Group company SYN ECO Inc. [▶P26](#)

Topics
05

Nationwide Collaboration in Cleaning and Dismantling Work



The company has entered a business alliance with Sumitomo Mitsui Trust Panasonic Finance Co., Ltd. and Japan Machinery Leasing and Sales Co., Ltd. The collaboration combines the Group's expertise in scrap processing and dismantling with Japan Machinery Leasing and Sales' knowledge and expertise in machinery and equipment, including its appraisal and sales functions. Through the alliance, we offer a full range of services, from fixed asset evaluation to the resale and recycling of unneeded machinery and other assets.

Topics
06

Construction of New ECONECOL Plant in Fuji, Shizuoka Prefecture

ECONECOL Inc. collects riddling ash, waste shredder residue, mixed metals, and other materials from all over Japan and recycles them into high-grade materials using proprietary recycling technologies. The new plant will expand these efforts by establishing a system that offers improvements on the productivity, safety, and environmental fronts. Another objective is to establish a model case for future horizontal expansion to new sites and other plants. [▶P17](#)

Topics
07

Collaboration to Strengthen Our Material Recycling of Waste Plastics

We have started collaborating with TBM Co., Ltd. a new-materials venture company, on the operation of a material recycling plant for waste plastics. Our role is to provide human resources, expertise, and know-how in the collection and recycling of waste plastics.

Topics
08

Expansion of Recycling Plant for Lithium-Ion Batteries

VOLTA Inc. has established new facilities at a plant in the city of Fuji, Shizuoka Prefecture that recycles lithium-ion batteries.

