

Kawasaki Center for Climate Change Actions

- We walk together with citizens and
businesses -

November 13, 2024

21st Kawasaki International Eco-Business Forum

Speaker: Shoji Yoshiko, Director, Kawasaki Center for
Climate Change Actions





- ◆ Under the "Act on Promotion of Global Warming Countermeasures," 59 centers have been established nationwide at the places designated by prefectural governors and mayors of cities designated by government ordinances.
- ◆ The Center conducts activities related to preventing global warming including awareness raising and public relations, reference and consultation, research and studies, and information provision.
- ◆ The Kawasaki Center for Climate Change Actions opened in January 2011 on the 11th floor of Marui Mizonokuchi, a 4-minute walk from Musashi-Mizonokuchi Station.

Conducting public relations and information dissemination

Offering environmental outreach programs

Creating environmental education materials

Hosting events and lectures for the general public



Collaborating with 75 promoters to hold environmental outreach programs

In 2023, 9,810 people participated

in the six projects led by promoters from the Kawasaki City and the events hosted by the Center

Elementary, junior high, and high schools

Children's culture centers

Local community groups and neighborhood associations



31 lectures

(as of 2024)

Topics include: decarbonization, SDGs, energy conservation, biodiversity, and consumer lifestyle



Partnering with citizen groups and businesses to organize awareness-raising events

Lecturers from citizen groups and business entities offered opportunities for children and parents to experience and learn about decarbonization actions

Summer Holiday Science Project Week

Environmental workshops for children were held

HIZAKI Kougyo Co.,Ltd.
Tokyo Gas Co., Ltd.
Bremen Shopping Street
Zeon Corporation
TOKYO METER CO., LTD.
Project groups
and others



Kawasaki Environmental Forum on Dec. 8 (Sun.)

KAWASAKI MIRAI Energy Co.,Ltd
Environmental Restoration and Conservation Agency
TEPCO Power Grid, Inc.
Kawasaki Environment Research Institute
MUJI Nocty Plaza Mizonokuchi
Project groups
And others



Carbon Visualization Project for SMEs

The world's first piece of technology for measuring the energy of air pressure allows **the quantification of often-overlooked air energy generated from the use of air pressure**. By this technology, we aim to **eliminate waste and contribute to decarbonization**.

•Usage status will be monitored online for analysis to improve efficiency, reduce electricity consumption, and cut carbon emissions.

•We will promote decarbonization heading toward 2030 while saving costs and helping our future partners take decarbonization actions

•We currently have an exhibit at the Kawasaki International Environmental Technology Exhibition (with TOKYO METER CO., LTD.)



Measurement

- Install an electricity usage visualizing device.
- Install an air usage visualizing device.
- Monitor measured data online.

Analysis

- Analyze measured data
- Graph the daily usages of electricity and air.

Consultation

- Point out inefficient use of electricity and air leakage
- Diagnose the suitability of compressors and other devices.

Eco-Platform C³

The initiative started in 2010, aiming to create an **eco-conscious platform for citizens and businesses**

Upcoming programs include:

- (1) Solve the Mystery of Plastic!
- (2) Kawasaki Large Factory Tour (How is steel produced and used?)
- (3) Discussion Forum: "Our Efforts to Save Energy"
(with TEPCO, Tokyo Gas, JFE Steel Corporation, etc.)
- (4) Energy Generation Facility Tour
(Kawasaki Biomass Power Plant, Saginuma Micro Hydroelectric Power Plant)
- (5) Food and Environment
- (6) Kawasaki Logistics

2024 Fall: 24th Forum



Responsible Production and Consumption

* The Role of Citizens



Dialogue

Sharing consumer opinions

Collaborative manufacturing by citizens and business entities

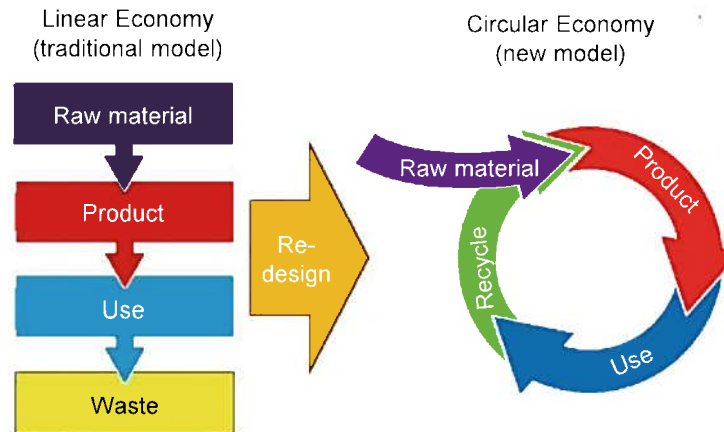
Participating in activities

Sparking **Behavior Change** by keeping up with the latest information

Sharing a Sense of Crisis



Fig. 2-2-1 Circular Economy



Circular Economy (new model)

*Efficient use of limited resources is said to have a global economic impact that amounts to around 500 trillion yen (Source: Accenture Strategy 2015).



Source: Ministry of the Environment, based on "A Circular Economy in the Netherlands by 2050 - Government-wide Program for a Circular Economy" (2016), Netherlands.