

Efforts to Address Environmental Issues

1. The 9th Voluntary Action Plan for the Environment

As part of its global warming countermeasures, JAPIA established "the 9th Voluntary Action Plan for the Environment" and released it to the public in April 2021. However, due to the renewal of the national energy policy, the CO2 emission targets were revised in April 2022. We will continue to make efforts to develop environmental measures, including carbon neutrality.

FY2030 CO2 Emissions Targets

- Aim for a reduction of 46% or more from the FY2013 level
Target: Energy-derived emissions from domestic business sites (Scope 1 and 2)
(To be reviewed in the event of changes in national energy policy, etc.)
- <Assumptions>
- ◇ The Sixth Basic Energy Plan plans for the power source composition to be around 59% non-fossil fuel in 2030.
- ◇ In order to maximize reduction efforts as an industry, energy-saving efforts and active use of renewable energy will be made.

Industrial waste targets for FY2025

- Challenge to maintain final disposal volume below 36,000 tons.
(equivalent to a 75% reduction from FY2000 levels)
- Recycle at least 85% of resources. (Recycling rate includes valuable resources)

2. Briefing session on LCA guidelines and load calculation tools for automotive parts

Due to the government's Carbon Neutral Declaration and Green Growth Strategy, there has been an increase in requests for LCA calculations from JAPIA members as a response to such declarations. In response to these requests, we held a briefing session on the "LCI Guidelines and Calculation Tool" in a web-based format, which was highly appreciated by many participants.

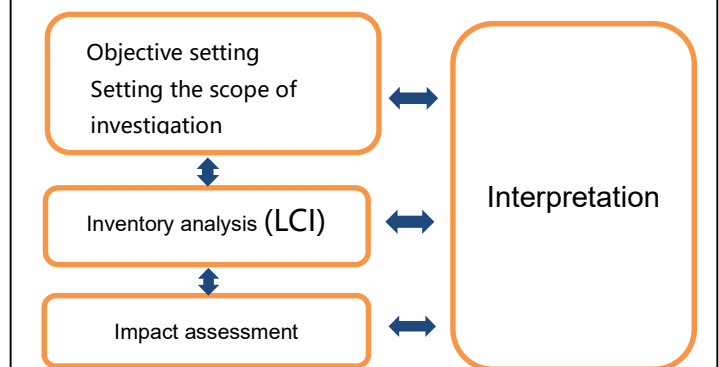
Theme	Date	No. of participants	Contents
Briefing on LCA Guidelines and Load Calculation Tools for Automotive Components	January 29, 30, 2021	398	Overview of LCI guidelines/calculation tools and explanation of their use (e.g., operational experience)

LCA Guideline and Load Calculation Tool for Automotive Components Briefing Session

<Agenda>

1. Main purpose of this briefing
2. Positioning of LCA activities
3. Activities of the LCA Subcommittee of the Environmental Management Committee
4. Future of JAPIA's LCA Activities, Q&A
5. Overview of LCI Calculation and Tabulation Tools
6. Concept of calculation at the manufacturing stage
7. Concept of Use Stage Calculation, Q&A
8. Explanation of tool operation procedures

LCA framework (ISO14040)



3. Briefing Sessions on Production Environments

In response to requests from member companies engaged in production environment-related work, JAPIA has been holding seminars on the "latest trends in major regulations. This year, the seminar was again held via the Internet, as it was held under the Covid19 disaster, and was very well received.

Theme	Date	No.of participants	Contents
Lecture and "List of Environmental Laws and Regulations Related to Production" briefing	January 15, 2021	78	Lecture by METI lecturer on regulations related to Circular Economy and introduction of "List of Environmental Laws and Regulations Related to Production"
Seminar on the Revised EU-CLP Regulation	December 8, 2021	146	Lecture on EU- CLP Regulation and its revision and its impact on parts suppliers

※CLP: Classification, Labelling, Packaging



4. Publication of Environmental Information Magazine Vol. 8

JAPIA publishes the related activities of the Environmental Management Committee in the Environmental Information Magazine (published once a year) and discloses them on its website.



Vol. 8 Activity Report

- (1) Activity report of the IMDS External Relations Subcommittee
- (2) First time to serve as an overseas presenter
- (3) Preparation and development of "Guidance for Labels and SDSs"
- (4) Activities of the Global Warming Response Subcommittee
- (5) Aiming for standardization of contributions to environmental impact reduction of automotive parts