

Contributing to Society and Customers by Fulfilling Our Purpose through Resonac Pride Products and Services

Resonac Pride Products and Services are initiatives to demonstrate our Purpose and Values through our business. In order to achieve our Purpose "Change society through the power of chemistry," it is important to visualize how much value our products and services, which we provide in a wide range of areas from upstream to downstream in the value chain, have provided to customers and society. These initiatives are positioned as a KPI and efforts are being made to achieve the material issue "Strengthen co-creativity & competitiveness and create social value through innovation and business."

[P84 / Non-financial KPI Results and Targets](#)

	Main items of confirmation for certification	Points of certification
Implementation of Purpose and Values	What is the value provided to customers and society? (quantified as much as possible) What kind of Values are demonstrated?	Appropriateness
Risk assessment	What kind of risks are there when evaluated from various perspectives such as product environmental assessment and reputation?	Risk perspectives from third party points of view
Sales plans	Sales plans and market share	Future potential and impact
Relevance to SDGs	How does it contribute to the 17 goals and 169 targets, and is it related to the essence of the SDGs?	Relevance to shared global goals (including future potential)

Points of screening

In terms of certification, we aim to integrate the points of view of third parties in evaluation from the perspectives of value provided to customers and society by changing society based on our Purpose as well as the appropriateness of Resonac's four Values, risk assessment such as product environmental assessment and reputation, future potential and impact such as sales plans and market share, and relevance to shared global goals (SDGs).

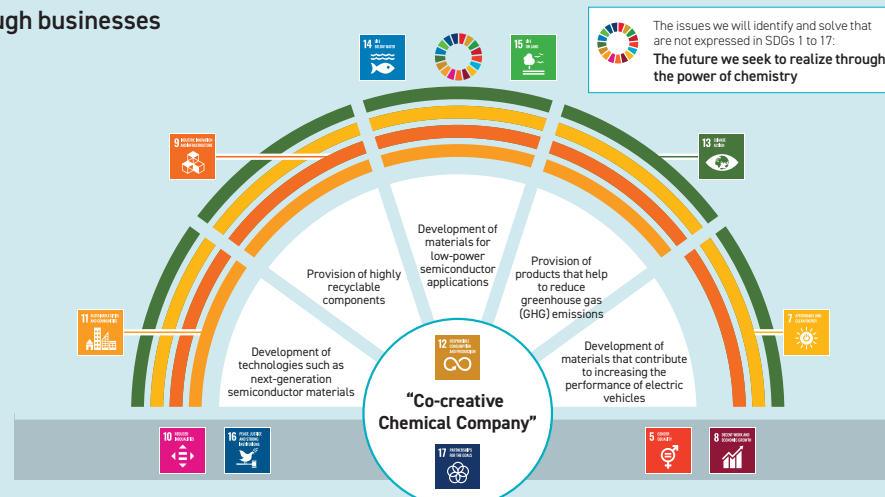
Steps of screening

Until 2023, product and service certification was carried out in-house, but from 2024, we included third party participation such as government bodies, business partners, investors and experts, customers, and next-generation members to increase objectivity and transparency.



Contribution to the SDGs through businesses

As a Co-creative Chemical Company that seeks to create a recycling-oriented society, we have made contributing to SDGs 12 and 17 the focus of our corporate activities, and positioned goals that we contribute to through businesses and products as well as goals that we contribute to through our business foundation as shown on the right. In addition to the areas we are already working on, we are looking ahead with the aim to contributing to the creation of a future that we seek to realize through the power of chemistry.

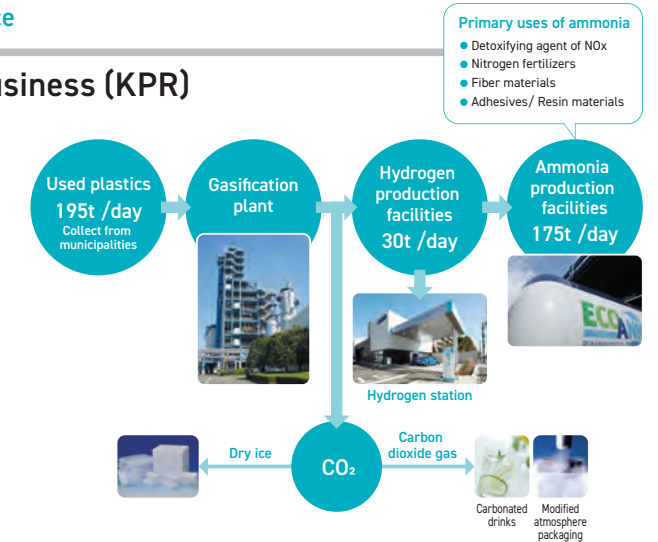


The first certified Resonac Pride Product and Service

Kawasaki Plastic Chemical Recycling Business (KPR)

Kawasaki Plastic Chemical Recycling Business (KPR) was certified as the first Resonac Pride Products and Services.

KPR is a gasification chemical recycling plant that started operation in 2003, and it gasifies used plastics at high temperatures and breaks them down to the molecular level to extract hydrogen and CO₂.



Points of certification (excerpt)

- Since it does not use fossil fuels or fossil-fuel-derived energy even in the manufacturing process, the GHG emissions is approximately 80% less compared to conventional ammonia production methods
- Recycles about 60,000 tons of used plastic per year (equivalent to about 20% of Japan's chemical recycling)

Comments from stakeholders

Through the questionnaires before the internal screening and the screening report held after the certification, we received comments from a wide range of stakeholders about contributions to the community and society, points for improvement, and expectations and encouragement for the Company in the future. We will further develop chemical recycling for society based on this feedback.

Supplier: JGC HOLDINGS CORPORATION

Currently, KPR is the only plant in the world that has achieved this level of commercial operation in chemical recycling. Good example where foresight, the power of chemistry, and technical capabilities are utilized

Government agency: Official from Kawasaki City

The pillars of the Carbon Neutral Industrial Complex Concept promoted by Kawasaki City are hydrogen, carbon cycle, and regional optimization of energy. KPR is involved in all of these pillars.

Customer: TOKYU HOTELS & RESORTS CO., LTD.

As power generation using hydrogen supplied by KPR of Resonac is at the core of hotel operations, we will continue spreading awareness of this in society, including overseas.

Local resident: Neighborhood association

Resonac contributes to raising awareness of recycling through factory tours and explanations about recycling for local residents and children. We request continued development of new technologies to solve environmental and other problems, and the ensured safe operation of plants



A scene from the screening report

Customer: JERA Co., Inc.

We have been able to receive a stable supply of ammonia because the KPR Plant has been able to operate stably for a long time. I am very thankful to the efforts of Resonac employees.

Next Generation: Students

It's great that this business has continued for 20 years. If we could demonstrate more that plastic leads to chemical recycling, it would promote municipal sorting and improve the collection rate.

Investment fund: Mr. Matsubara of Resona Asset Management Co., Ltd.

It is still not large enough to meet the fundamental demands of society. If we have a world view to expand the adoption of chemical recycling, it should be a good example of sustainability for both the company and society.

Expert: Professor Itsubo of WASEDA University

It would be better to clarify and simplify the screening criteria further, and to present a future vision of KPR that matches the actual conditions of each region 20 years from now.

Expert: Professor Hasegawa of HOSEI University

It's important to communicate information together with stakeholders you are co-creating with to gain the understanding of investors. Resonac Pride should work toward becoming Social Pride and Japan's Pride.

Expert: Professor Nakatani of the University of Tokyo

I hope that items that are difficult to dispose of, such as textile waste, are also recycled in the future. In addition, I look forward to future developments such as the effective use of carbon as a raw material.