

#### **RESONAC REPORT 2023 Contents**



#### Aims of this material

- ✓ Introducing the highlighted contents from total 138 pages at once
- To make those who have not yet read our integrated report want to read it.
- ✓ To make those who have already read it realize back stories, points etc. and have fun again.

Chapter 1 Self-introduction Re-introducing Ourselves

Chapter 2 Leader's Letters Our Goals

Chapter 3 How to What We Will Focus on to Achieve Change

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**RESONAC REPORT 2023** 

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## 2023 Edition concept/points



- ✓ The 2022 edition includes thoughts for the "future" and enthusiasm for "self-recognized issues and solutions"
- ✓ The 2023 edition continues to focus on the "future" and specifically shows the path and trial-and-error process of what and how far we are proceeding "currently" toward that goal.

2023 concept "Here We Go!" RESONAC is at the starting line.

Change society through the power of chemistry is something only we can do.

By posting messages from the CEO, CFO, CSO, CTO, and CHRO, as well as human resource development messages from management, we explain **Team Takahashi's sense of unity, including** the delegation of authority, and management that is functional and horizontally collaborative.



Resonac's human resources strategy and human capital management, which were introduced in the 2022 edition, will be explained in human capital management dialogue and the special feature on human resource strategies.



**Introducing activities that pursue the long-term characteristics of Resonac**, such as the progress of business and functional strategies toward goals of the long-term vision and the roundtable discussion that shows the path to board transformation.

Official Resonac YouTube Channel

<sup>\*</sup>First A4 landscape/interactive version! We also post related videos to better communicate our efforts!

## What is an integrated report for Resonac?



#### What to Tell?

"What kind of value have we created from the **past** to the **present**?"

"Do we have the structure (business model) and capabilities to create value in the future?"

#### To Whom?

Investors, including investors with a medium- to long-term perspective and other **stakeholders** who are important to us and with whom we would like to have a long-lasting relationship

#### For What?

A communication tool for fostering trust in Resonac's management and for dialogue. It also plays the role of **fostering an organizational culture** by unifying Resonac employees in the same direction through dialogue.

#### \*What is an integrated report?

An integrated report is a report that reports both internally and externally on the company's past performance as well as its policies and strategies for creating value in the future. We believe that not only financial information, but also non-financial information forms the basis of corporate value creation, so we integrate and disclose it. (Non-financial information includes management philosophy, vision, business model, technology, human resources, governance, environmental and social initiatives, etc.))

- ✓ In January 2023, Showa Denko and Hitachi Chemical merged to create Resonac as a functional chemical manufacturer!
- ✓ Resonach, which is in its second founding and has a scale of 26,000 employees, is transforming with the speed of a start-up company.
- ✓ CEO Takahashi talks about what he wants to achieve and what he is currently working on in order to achieve the purpose of "Change society through the power of chemistry" in his own words. No creation at all.
- The "Kiwi" on the T-shirt is inspired by the play button of Resonac, which is currently undergoing reforms - We have posted video links throughout the integrated report so please take a look at them as well.

## Letter from the CEO

A startup with 26,000 employees!

We are transforming ourselves

—for Resonac to "change society"



#### Highlight (2) The will of "Team Takahashi": Letter from the CXO → PAGE 19-36



- Resonac's diverse management team "Team Takahashi". Each CXO supporting the CEO explains their areas of responsibility at these perspectives: "How do I want to change society through the power of chemistry? Why can I lead it? And how do I lead it?"
- After the interview, the secretariat created the manuscript, but the CXOs were filled with passion and made substantial additions to it by themselves.







## Highlight (3) The will of "Team Takahashi": Thoughts on human resource development, FFS results → PAGE 41-44



- ✓ CXOs and BU (Business Unit) heads who are members of the management committee introduce their thoughts on human resource development within one's organization.
- ✓ As a new attempt, we disclose Team Takahashi's FFS\* results. It turns out that this lineup is exactly suitable for times of change!

\*The Five Factors & Stress (FFS) theory was developed in the study of stress and personality. It measures the patterns of how people think and act, either deliberately or unconsciously, in five factors, and analyzes whether they react positively or negatively in terms of stress values. As a result, an individual's latent strengths can be objectively understood.

#### Team Takahashi

#### Thoughts on **Human Resource** Development

-Toward a company that develops co-creative talent-

Here, the Team Takahashi management team of Resonac introduces what they keep in mind in human resource development and what is expected from employees.

What the management team holds in their hands are the values that each emphasizes the most in human resource development within one's organization. The Company's four values are "Passionate & Results-Driven " "Anile & Flexible "Open Minds & Open Connections," and "Solid Vision & Solid Integrity," We strive to practice these values in various

The most important value in human resource development within one's organization





People who can execute strategy are what Resonac

What I want to create is a group of people who can act autonomously. Whether a company is good or not depends on how many people are able to execute strategies. This ability to execute means thinking about what should be done toward a goal, deciding what needs to be decided, and having the power to see it through. We will implement various personnel reforms so that employees can unleash their potential and work with vitality and enthusiasn



Hideki Somemiya Chief Financial Officer

I want to develop the best financial navigators who can demonstrate abilities beyond their roles

hope that members of the CFO organization will aim to be the best navigators for Resonac as a whole and its operating companies. The more each individual can utilize their specialized skills beyond the confines of existing organizations and daily operations, the closer we get to enhancing corporate value and achieving best navigator." As a CFO, I will ensure that everyone is conscious of this in their





For Resonac to remain a trusted company, I expect the members of the CRO organization to refine their knowledge and skills while maintaining a strong sense of ethics and foresight for the future as governance professionals. By doing so, we believe we can firmly support the transformation of employee consciousne and efforts toward co-creation, and provide services that satisfy both internal and



Chief Strategy Officer

Tomomitsu

Maoka

Communication beyond boundaries is vital, not bound by preconceived notions or precedents

Because the CSO organization plays a role in guiding the entire Company's direction while constantly communicating with internal and external stakeholders, transcending boundaries is of utmost importance. In addition, as preconceived notions or precedents. In other words, we demand members to transcend existing boundaries even in their ideas.

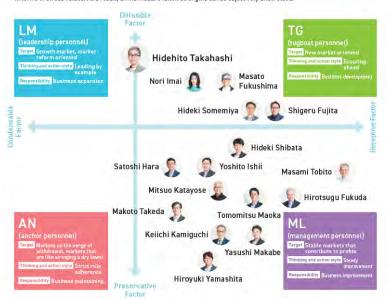
#### Team Takahashi— Excelling in Times of Change

Resonac's current management team, Team Takahashi, is structured in a manner suitable for a period of transformation. CEO Hidehito Takahashi leverages the characteristics of LM (leadership personnel) to lead everyone, while TG (tugboat personnel) is responsible for pioneering, and ML (management personnel) is in charge of improvements. Going forward, Resonac will utilize the FFS theory in its organizational structuring to create teams where each individual can demonstrate his or her strengths.

The following five items are quantified numerically, indicating whether Condensable Factor: Intensity of commitment Receptive Factor: Ability to accept unconditionally

- Discriminative Factor: Ability to distinguish between black and white Diffusible Factor: Ability to break out and move forward Preservative Factor: Ability to build up while maintaining The following becomes possible with quantification
- Understanding whether an individual's latent strengths are being positively or negatively expressed
- Enabling the optimal team configuration by objectivel understanding and evaluating the relationships between people

The Five Factors & Stress (FFS) theory was developed in the study of stress and personality. It measures the patterns of how people think and act, either deliberately or unconsciously, in five factors, and analyzes whether they react positively or negatively in terms of stress values. As a result, an individual's latent strengths can be objectively understood.



## Highlight (4) Plan to dig deeper into CXO letters



- We carried out round-table discussions and dialogues to dig deeper into the issues and initiatives explained in the CEO letter.
- We provide concrete explanations of the current situation, progress, and vision with comments from each person in charge and examples. The Business Strategy pages contain the same items.

Financial and Capital Strategies → PAGE 49-54

**Business Strategies** → PAGE 77-88



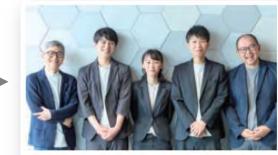




CTO Roundtable with Young Researchers → PAGE 62-64

**Creating Innovation through Co-creation and Synergy while** Leading Resonac as It Competes on the Global Stage









Link



Employees hold the key to business growth Focusing on developing co-creative talent







**Semiconductor Materials Global Top Management** Roundtable → PAGE 73-76

**Semiconductor Materials Business: Key to Resonac's** 

Growth

CSO x General Manager Yamashita x 3 local top executives from overseas group companies

Hiroko Ozawa ESG/Responsible Investment Research Center Head, Japan Shareholder Services Ltd. Researcher at People Analytics & **HR Technology** 

**Human capital management dialogue** 

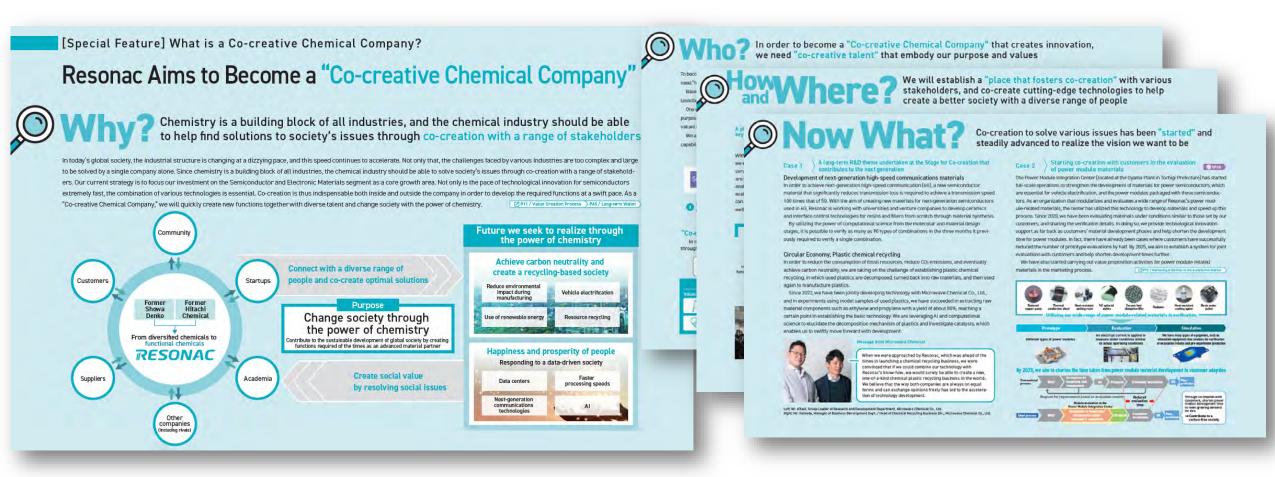
→ PAGE 37-40

Collaboration between the CEO and CHRO **Accelerates the Speed of Management** CEO x CHRO x Ms. Ozawa

## Highlight (5) What is a Co-creative Chemical Company? → PAGE 13-16



- ✓ A thorough explanation of Resonac's value creation model, a "Co-creative Chemical Company"
- ✓ Starting with Why?, we explain our company's vision from the social background, and introduce the future we aim for and the voices of stakeholders who will co-create our current initiatives.



## Highlight (6) Human capital management, human resources strategies



- ✓ CEO and CHRO talk with experts about Resonac's human capital management, human resource development, and co-creative human resources. → PAGE 37-40
- ✓ As "human resource strategies," we present a problem-solving approach that pairs human resources materiality linked to material sustainability issue, KGI, and the status of initiatives, and clarify the path to business growth. → PAGE 89-96
- ✓ Identify the components and KPIs to achieve human resource materiality, and explain the progress and desired state, including the voices of those in charge of implementing the initiatives.

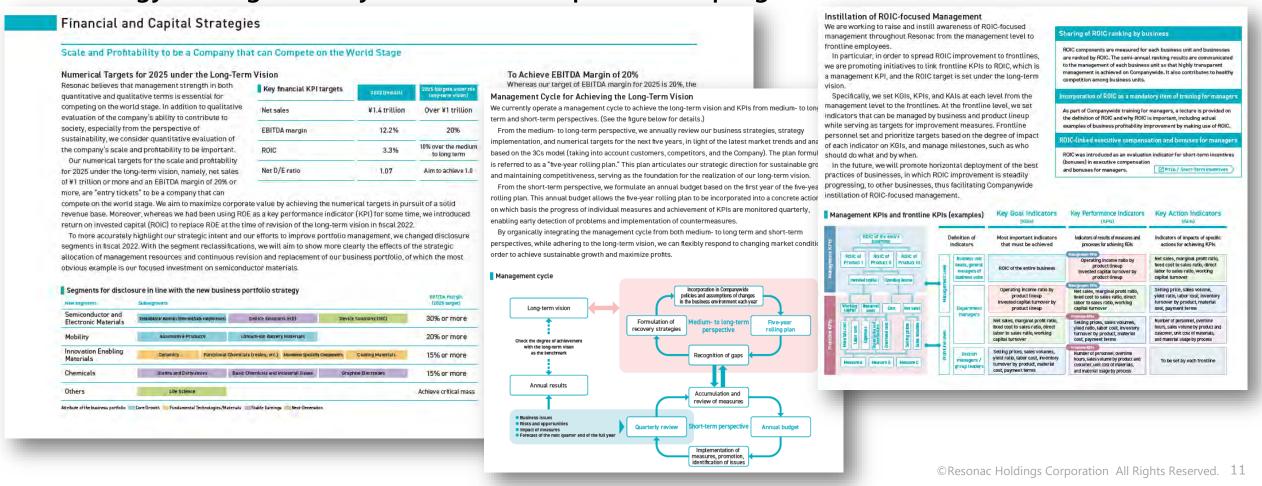
  → PAGE 89-96



## Highlight (7) Financial/capital strategies → PAGE 49-57



- ✓ Contains financial and capital strategies from short-term, medium- and long-term perspectives as a company that can compete on the global stage. Digging deeper into the CFO letter
- ✓ Illustrated and explained examples of management KPIs and frontline KPIs related to portfolio strategy, management cycle, and ROIC improvement progress.



## Highlight (8) Promoting sustainability



- Is sustainability truly at the root of our management? Posting important sustainability issues (materiality), goals, and achievements that correspond to the long-term vision → PAGE 45-48
- ✓ The status of consideration of evaluation items for inclusion in executive performance evaluation is also disclosed → PAGE 55, 56
- ✓ A list of social, environmental, and economic values, opportunities, risks, and target KPIs linked to materiality is listed. Details of KPIs are posted on each functional strategy page. In order to create value, we will continue to disclose the progress of non-financial KPIs and conduct reviews as appropriate through dialogue → PAGE 57, 58



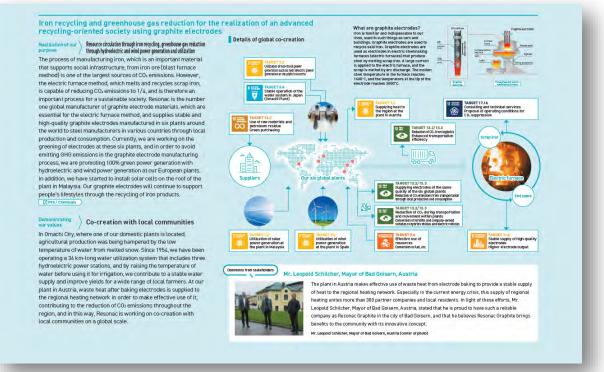
## Highlights (9) Resonac Pride products and services → PAGE 59-61



- As an advanced material partner, we aims to contribute to the sustainable development of global society by creating functions required of the times, with the goal of contributing to the happiness and prosperity of people and to harmony with the global environment. For that, we develop "Resonac Pride products and services" that contribute to society and customers by practicing our Purpose.
- Visualizes what kind of value and how much our products and services have provided to customers and society in the value chain, and includes stakeholder feedback.

Case 1: Iron recycling and greenhouse gas reduction for the realization of an advanced recycling-oriented society using graphite electrodes Case 2: Contribution to a digital society and reduction of environmental impact through copper clad laminates and solder resist





## Highlight (10)-1 Progress of business strategies



✓ For each segment, we provide (1) financial information, (2) product introductions, as well as (3) strategies for realizing our long-term vision, (4) competitive edge, and (5) co-creation initiatives to resolve social issues. Clarifying strengths, characteristics, and current location



- Semiconductor and Flectronic Materials
- Mobility
- **Innovation Enabling Materials**
- Chemicals

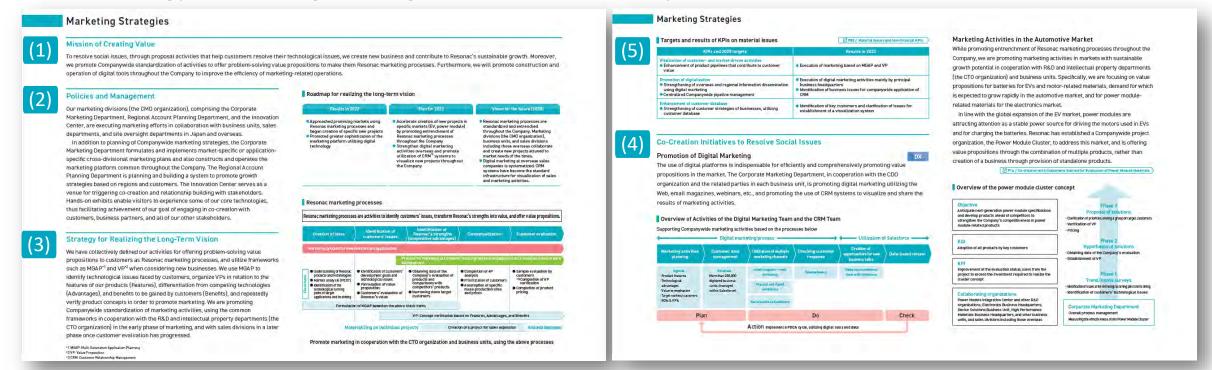
- → PAGE 77-80
- → PAGE 81. 82
- → PAGE 83. 84
- → PAGE 85-88

**Introducing examples of innovation** through integration in the words of the person in charge

## Highlight (10)-2 Functional strategies



- ✓ For each function, we provide (1) mission of creating value, (2) policies and management, (3) strategy for realizing the long-term vision, (4) Co-creation initiatives to resolve social issues, or Initiatives in 2022, and (5) targets and results of KPIs on material issues.
- ✓ In (3) strategy for realizing the long-term vision, a roadmap towards 2030 is included.



- R&D and Intellectual Property Strategies → PAGE 65-68
  - **Marketing Strategies** → PAGE 69-70
- **Digital Strategies**

- Occupational Health and Safety >> PAGE 103
- **Quality Assurance**
- Chemicals Management → PAGE 71-72
  - Sustainable Procurement

- Respect for Human Rights → PAGE 107
- → PAGE 104 Risk Management
  - Compliance

→ PAGE 105

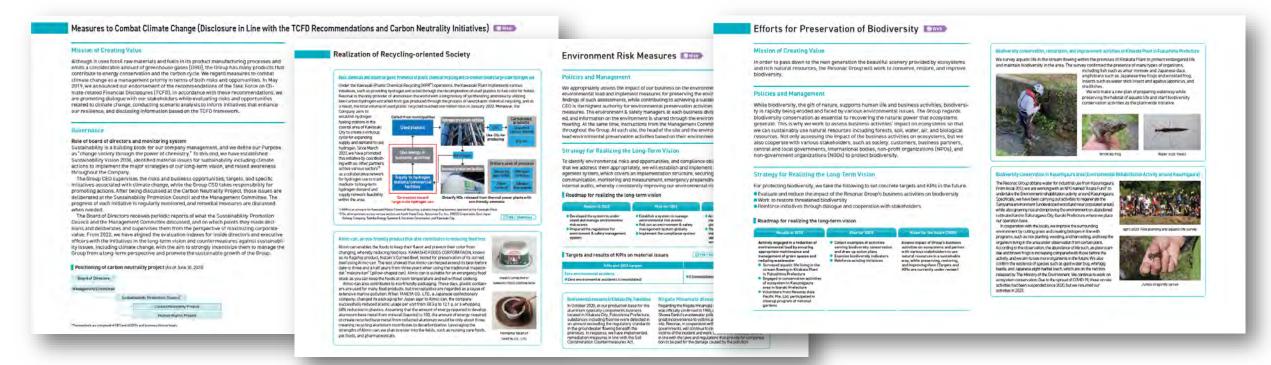
→ PAGE 106

- → PAGE 109-110
- → PAGE 111-112

## Highlight (10)-3 Functional strategies (Environment)



- ✓ Published under four themes: "climate change," "recycling-oriented society," "environmental risk measures," and "preservation of biodiversity."
- Regarding Measures to Combat Climate Change, based on the recommendations of the TCFD, we clarify the governance system, risk management status, strategy, indicators and targets as Resonac. As a concrete example of our initiatives in 2022, we disclose activities toward carbon neutrality and LCA (CFP) progress at our site in Thailand



- Measures to Combat Climate Change
- → PAGE 97-99
- Realization of Recycling-oriented Society → PAGE 100

- **Environment Risk Measures**
- Efforts for Preservation of Biodiversity
- → PAGE 101

#### Highlights (11) Evolution in Corporate Governance: Our transformation of the Board of Directors → PAGE 113-116



- The 2022 edition includes a dialogue between an outside director and the chairman of the board regarding the "Process for Selecting"
- the New President and CEO"
- ✓ In the 2023 edition, we disclose the current progress (process) of the transformation of the Board of Directors, what we aim for, and the issues identified through a round-table discussion with newly appointed outside director Tsuneishi, the chairman of the board of directors (representative director and chairman), CRO, and CHRO.

2022

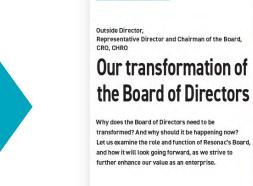
Why did we select Takahashi as president?

2023

Why are we working on the transformation of the Board of Directors?

Regarding the second founding, "we were keenly aware of the need to select a leader capable of dealing with this critical period"







"If the execution side is trying to get us up to a level where we can compete worldwide, the Board of Directors, which monitors that, must also meet world-class level standards."

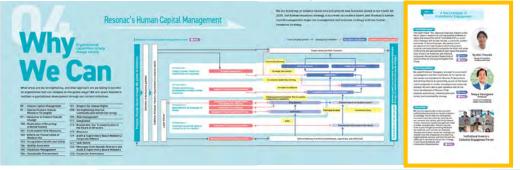
"But if the theme is raising corporate value, the questions and discussions change."

"Fostering a great corporate culture and employee motivation will be critical for the success of this "second inauguration.""

## Highlight (12) Engagement: Utilizing the voices of multiple stakeholders



- ✓ Strengthening engagement efforts with internal and external stakeholders as a "Co-creative Chemical Company"
- ✓ As examples, we introduce conversations with students, experts, and investors. Please also watch the video!



#### **Future generation**



→ PAGE 90

Kvohei Sonoda Faculty of Economics, **Doshisha University** 

The report entitled "The Japanese materials industry will resolve the social issues of Japan and the world and play a key role in Japan's reconstruction" resonated with us, prompting us to hold a dialogue.

About the expectations of Gen Z for materials and chemical companies | Sustainability | Resonac

#### **Expert**



Naoya Hasegawa Professor Faculty of Sustainability Studies, Hosei University

Dialogue about the concept and standards of our Resonac Pride products and services, as well as the role of companies in society in the future, including human resources strategies.

About Resonac Pride Products and Services | Sustainability Resonac

Investors with a long-term perspective (responsible investment)



Institutional Investors **Collective Engagement Forum** 

Through dialogue, we received a variety of insightful opinions, including how business strategies and human resource strategies are related, how the integration will affect organizational culture, and how this will be reflected in human resource strategies. We use these as references for our efforts and information dissemination.

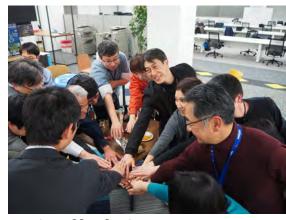
About Resonac's Human Capital Management Sustainability | Resonac

#### At the end



We want you to see how we are first trying to change ourselves as a "startup" with 26,000 employees" as we strive to change society for the better. From here, please enjoy the full version of RESONAC REPORT.

- Please send us your opinions and impressions! https://forms.office.com/r/8k0SPJ0jY0
- Please download the integrated report from this URL <u>Integrated Reports, Website | Sustainability | Resonac</u>
- Please also check out our sustainability site <u>Sustainability | Resonac</u>



Kick-off of planning meeting

# RESONAC