

**Ricoh's New  
Environmental  
Goals and  
Participation in  
RE100**

**~ Actions Towards a  
Zero-carbon Society ~**

**June 14, 2017**  
**Sustainability Management Division**  
**Ricoh Company, Ltd.**  
**(Member of Japan-CLP)**

- 1. Ricoh Group Outline**
- 2. Trends of Global Companies**
- 3. Ricoh's New Environmental Goals and Participation in RE100**
- 4. Japan-CLP (coalition of the willing by Japanese companies)**

## ● Ricoh Company, Ltd.

Founded: February 6, 1936  
Capital: 135.3 billion yen  
President and CEO: Yoshinori Yamashita  
Head Office: 13-1, Ginza 8-chome, Chuo-ku,  
Tokyo, Japan

## ● Ricoh Group Consolidated

Number of Companies: 226  
Number of Employees: 105,613  
(35,490 in Japan, 70,123 in other countries)  
Sales: 2,028.8 billion yen  
(37.8% in Japan, 62.2% in other countries)

\* The number of group member companies does not include Ricoh Company, Ltd.  
As of March 31, 2017 (Sales is as of the year ended in March 2017.)



**Yoshinori Yamashita**  
President and CEO  
Ricoh Company, Ltd.

Focus on the business of **information-related devices and IT solutions** such as multifunction printers and printers.

## ● Imaging and Solutions

### ● Office Imaging

MFPs (multifunction printers), copiers, laser printers, digital duplicators, fax machines, scanners, related parts & supplies, services, support, software, etc.

### ● Production Printing

Cut sheet printers, continuous feed printers, related parts & supplies, services, support, software, etc.

### ● Network System Solution

PCs, servers, network equipment, related services, support, software, etc.

## ● Industrial Products

Thermal media, optical equipment, electronic components, semiconductor devices, inkjet heads, etc.

## ● Other

Digital cameras, etc.



MFPs  
Multifunction printer



High-speed continuous-feed inkjet  
printing system



360-degree camera THETA



Single-lens reflex digital camera



Laser printer



Short focus projector

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# Supporting COP21 as an official sponsor

A scene from immediately after the adoption of the Paris Agreement

- Our standards for environmental management were highly appreciated and the French Government requested that we act as sponsor.
- We provided 53 recycled multifunction printers and 124 printers to build the printing environment for the entire event.





# Companies that have declared transition to "zero emissions"



Vice President of BMW



CEO of Kellogg

"Provide EV and car sharing as solutions."

(BMW)

"Conduct discussions with 500,000 farmhouses and promote large-scale reduction in the entire supply chain."

(Kellogg)



Vice President of Google



Chairperson of APRIL

"Enormous investment in renewable energy. We have made the transition to 100% renewable energy."

(Google)



CEO of Total (oil company in France)

"Revise our business portfolio."  
"Abolish coal and shift to renewable energy and natural gas."

(TOTAL, Enel, ENGIE)



Companies declared their commitment to "zero emissions."



CEO of Enel (electricity company in Italy)

CEO of ENGIE (electricity company in France)

# Discussions between governments and companies on measures during the transition period

**RICOH**  
imagine. change.



Conversation among approx. 100 CEOs and representatives from the UN and various governments

**Theme: Carbon pricing**

COP21 United Nations official business meeting

Photograph: UN Global Compact





- **Zero-carbon society / Zero-carbon management**

⇒ Need to set environmental goals from a medium to long-term viewpoint and to execute business models and activities that contribute to the realization of a zero-carbon society.

- **Business growth by global environmental protection**

⇒ Environment and/or CSR activities are not only social contributions for companies, but also indispensable actions for improving the value of the company and promoting business growth.

- **Cooperation with stakeholders**

⇒ In order to achieve targets and produce new values, it will be necessary to act not only as individual companies but also in cooperation with other companies and/or external bodies.

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- Reflection of UN SDGs and Paris Agreement
- Accordance with RE100 and SBT (Science Based Target)
- Execution of in-house activities
- Solution of social problems and reinforcement of integration of management strategies



Start re-construction of the framework for sustainability activities.

The following was announced on April 21, 2017.

- (1) Setting 5 material issues that Ricoh is working on
- (2) Setting new environmental goals (2030, 2050)
- (3) Expressing participation in RE100

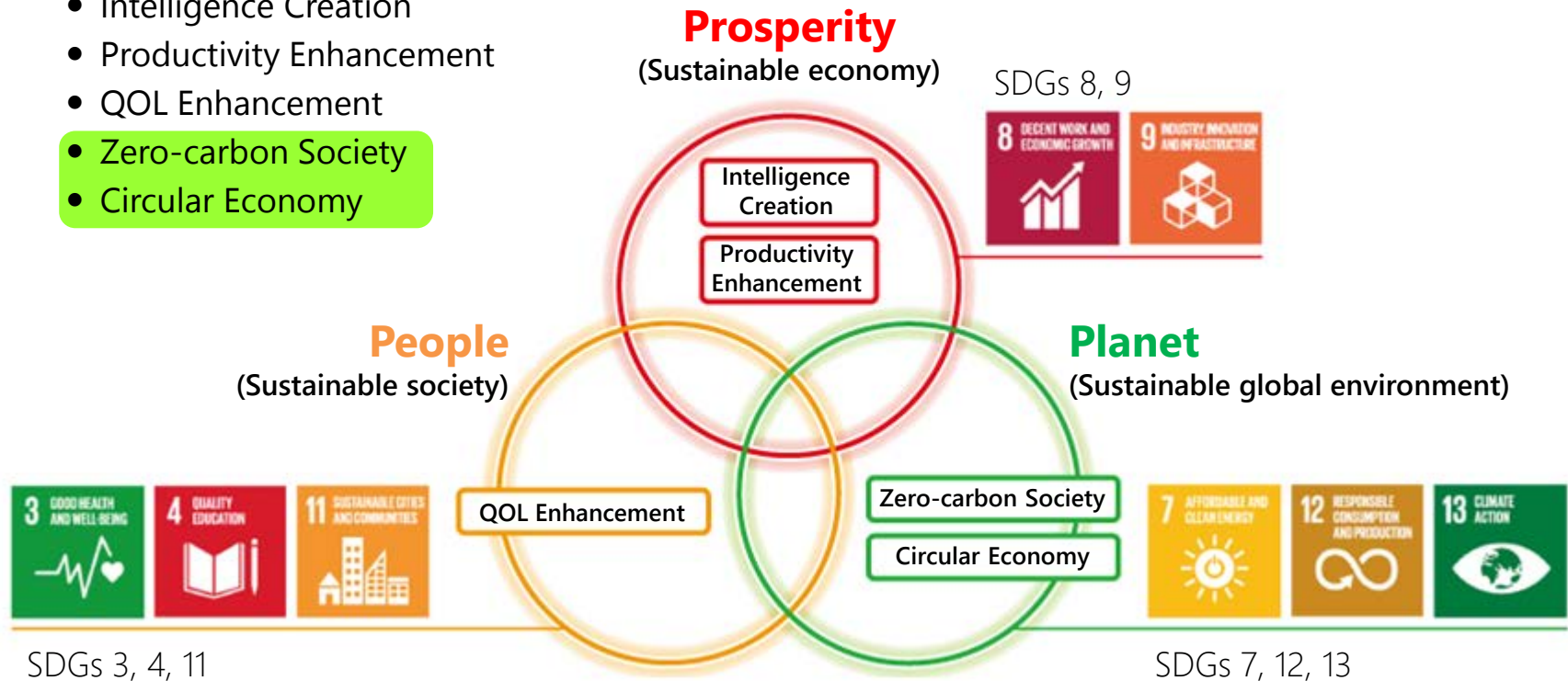


# (1) Setting 5 material issues that Ricoh is working on

**Set 5 material issues based on SDGs defined by UN and/or Paris Agreement.  
Set targets for the “realization of zero-carbon society” and “realization of circular economy.”**

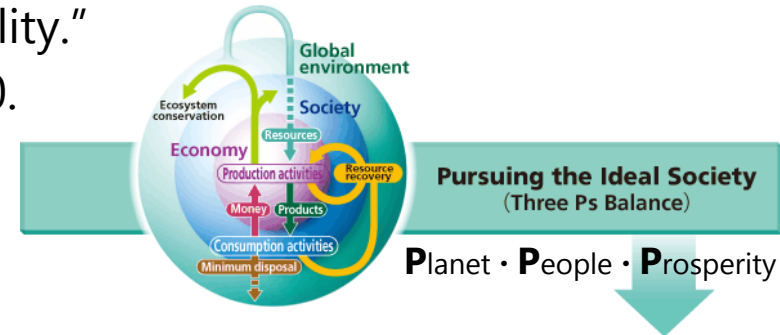
Categorize those 5 materials issues under the Three Ps Balance and sort related SDGs.

- Intelligence Creation
- Productivity Enhancement
- QOL Enhancement
- Zero-carbon Society
- Circular Economy



## (2) Setting new environmental goals (2030, 2050)

1. Post a new “declaration for environment quality.”
  2. Establish new “environmental goals” for 2030.
  3. Revise the goals for 2050.
- ⇒ Enhance **activities for** building a **zero-carbon society**/circular economy.



**New**

### Ricoh Group Environmental Declaration

We proactively reduce environmental impact and strive to improve the Earth’s self-recovery capabilities to achieve **a zero-carbon society** and **a circular economy** through business.

**New**

### 2030 environmental goals

- **GHG Scope 1, 2:** -30%
- **GHG Scope 3:** -15%  
(Procurement, use, logistics)  
(compared to FY2015 level)
- Resource conservation rate for products: 50%

**Revision**

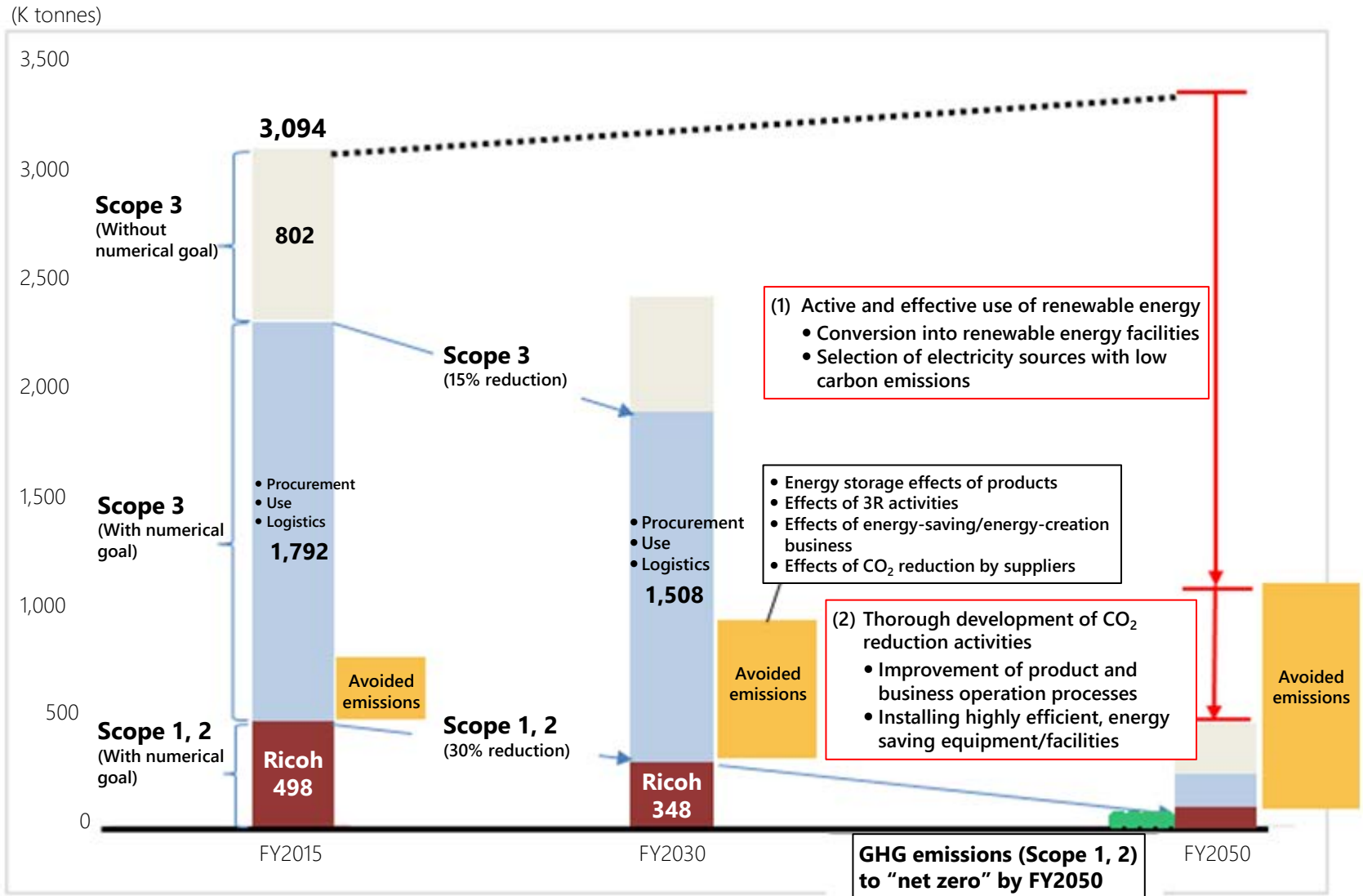
### 2050 environmental goals

- **Aim for zero GHG emissions across the entire value chain.**
- Resource conservation rate for products: 93%

Environmental Action Plan (Every three years)  
Concrete action plan

- In accordance with the Paris Agreement, set emission reduction targets effective for achieving the goal of limiting warming to 2°C.
  - \* **Refer to the scenario of IPCC RCP2.6** for the reduction rate of Scopes 1 and 2.
- Consider the reduction in Scopes 1 and 2 to be particularly important, aiming at a 30% reduction by 2030 and zero emissions by 2050.
  - \* Emissions in Scopes 1 and 2 which in the end fail to be zero shall be made **“net zero” by socially acceptable measures.**
- The reduction goal in Scope 3 by 2030 shall be 15% (target category: procurement, use and logistics).
- Contribute to energy savings and CO<sub>2</sub> reductions for customers and societies by providing products and solutions.
  - \* Effects of contribution to emissions reduction shall not be offset with Scopes 1 and 2. Try to achieve contributions exceeding emissions in Scope 3.
- Because actions by society as a whole are needed, also ask business partners and/or customers for cooperation.

# Overall image of Ricoh's environmental goals towards a zero-carbon society





## (3) Expression of participation in RE100



- **What is “RE100”?**

An international organization consisting of companies that actively select and use renewable energy.

Companies aiming to source the electric power required for their business operation with 100% renewable energy participate in this organization.

Founded by the Climate Group which is an international environmental NGO established with support from a former British Prime Minister, Tony Blair.

\* Renewable energy does not include nuclear power generation.

- **Participation requirements**

Submit the planned date for the complete conversion to electric power purchased from 100% renewable energy sources or an intermediary target towards such conversion.

- **Participation by other companies**

90 companies mainly in Europe and America participate in the organization.

Ricoh, Apple, Nestle, IKEA, NIKE, BMW, GM, HP, Phillips, P&G, Starbucks, Coca Cola, Unilever, Wal-Mart, Goldman Sachs, Bank of America, UBS, Google, Facebook, etc.

- **Meaning and purpose for Ricoh to participate in RE100**

Clearly show our stance on the environment both internally and externally. As for in-house effects, enhance awareness of active use of renewable energy.

Push development of energy-related businesses currently promoted such as energy-saving and energy creation.

Improve the rating in ESG investments and various company rating systems.

**Ricoh joined this organization in April 2017--the first Japanese company to do so.**

**Ricoh's goal: Source at least 30% of purchased electric power from renewable energy by 2030 and 100% by 2050.**

# Introducing our new environmental goals to the Minister of the Environment YAMAMOTO

## Comments by Minister of the Environment YAMAMOTO

I believe that Ricoh's progressive actions will influence other companies. Setting a high goal and accomplishing it will accelerate innovation in all Japanese companies.

## Comments by Yamashita, CEO of RICOH

We determined new environmental goals.

Also, in order to show our strong commitment to these actions, we pledged to RE100\*, an international initiative for the use of renewable energy, the first Japanese company to do so.



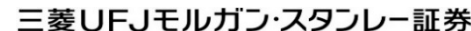
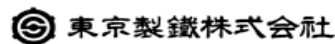
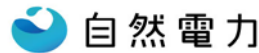
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**A privately funded network established in the recognition that the industrial world should pragmatically acknowledge the environmental crisis and start positive actions in order to realize a zero-carbon society**

**Aim for being companies that meet society's requirements in the period of transition to zero-carbon.**

# Currently, 40 companies participate in the organization



# Aiming for the realization of a zero-carbon society

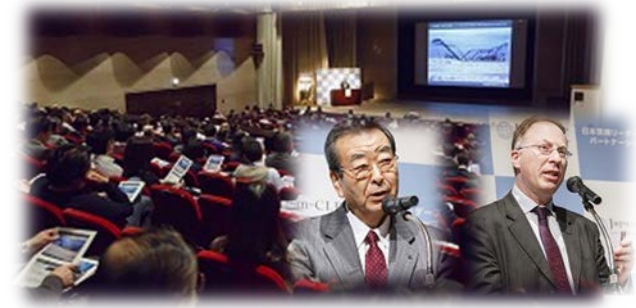
- Policy proposal and conversions from a company viewpoint
- Independent actions for the realization of zero-carbon society
- Window to overseas networks (Window in Japan for RE100)
- Recognition of latest international trends and their transmission to society



Dialogue with Environment Minister



Dialogue with the World Bank



Organize International Forum on Climate and Business



Ricoh Group Sustainability Slogan

**Driving Sustainability for Our Future.**