KONICA MINOLTA

NEW VALUE FOR A SUSTAINABLE WORLD

DATE

Giving Shape to Ideas

Our Vision

"

We strive to be acknowledged by our customers as a leader in sustainability.

We use our innovative technology, quality services and unique solutions to add unmatched value to our global society; always focused on protecting the environment to ensure prosperous future generations "

- Konica Minolta

Contributing to the United Nations Sustainable Development Goals

By reducing environmental impact across all areas of our business, we align both sustainability initiatives and corporate growth to create new social and economic value.

Sustainability Strategy

- Konica Minolta has chosen five material issues to be solved through digital Transformation (DX)
- Social and environmental issues to address by 2030

Improving fulfillment in work and corporate dynamism
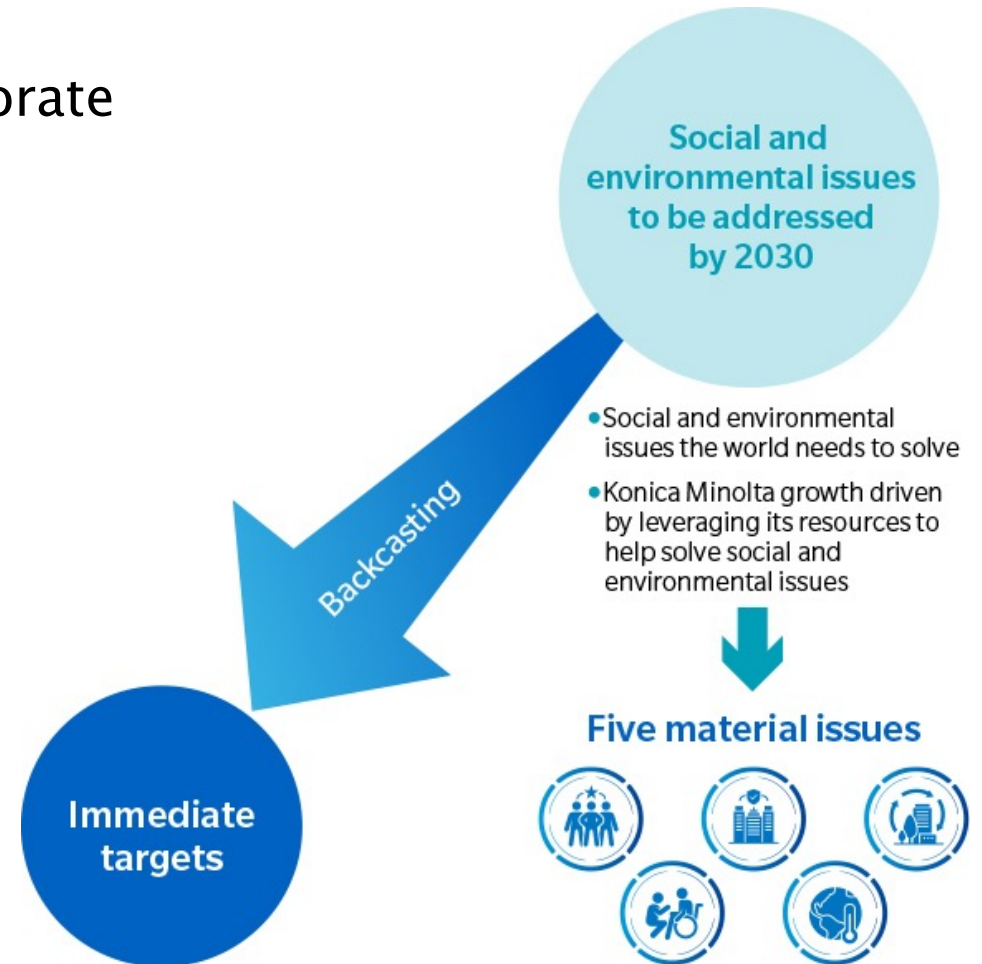
Supporting healthy, high-quality living

Ensuring social safety and security

Addressing climate change

Using limited resources effectively

Social and environmental issues to be addressed by 2030

- Social and environmental issues the world needs to solve
- Konica Minolta growth driven by leveraging its resources to help solve social and environmental issues

Backcasting

Immediate targets

Five material issues

Our Commitment to Sustainability

- Vision for 2030

- Commitment to the SDGs

- Renewable Energy Initiatives

- Earth–Friendly Products

- Leading EPEAT Rankings

- Simitri® HD^E Polymerized Toner

- RE100

- PET Plastics

- OLED Lighting

- ICE-u Technology

- Clean Planet Recycling Program

Sharing Green Innovation

KONICA MINOLTA

Working with our customers and suppliers.

SUPPLIERS

Provision of Environmental Technology & Know-How

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Three Green Activities

Green Factories

Green Products

Green Marketing

Provision of Environmental Technology & Know-How

CUSTOMERS

Environmental Impact Reduction

Environmental Impact Reduction

Environmental Impact Reduction

Green Products

- Evaluate and certify products with superior environmental performance
- Help clients reduce environmental impact
- Go above and beyond required environmental standards
- Help achieve Sustainable Development Goals (SDGs)

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bizhub C360i

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

17 PARTNERSHIPS FOR THE GOALS

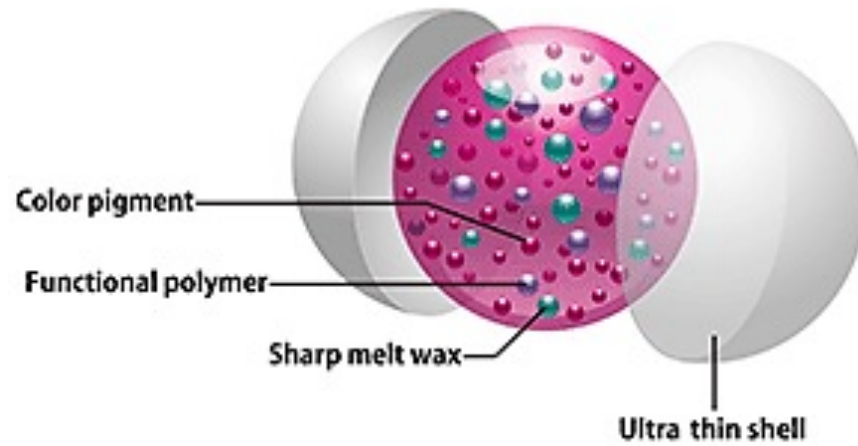green products

Examples of "Upgrade Recycling"

Konica Minolta developed a composite material, recycled PC/PET, made from used plastic PET bottles and recycled polycarbonate. It achieved the industry's first use of this material in the exterior body of color MFPs.

It also developed cleaning technology to remove microscopic cells from plastic. This enabled the recycling of discarded polyethylene milk containers, widely available in Europe and North America, into toner bottles for MFPs.
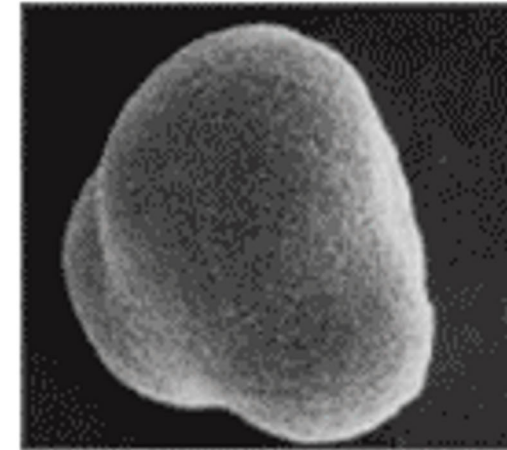
Green Products

Simitri HD^E toner

Color pigment
Functional polymer
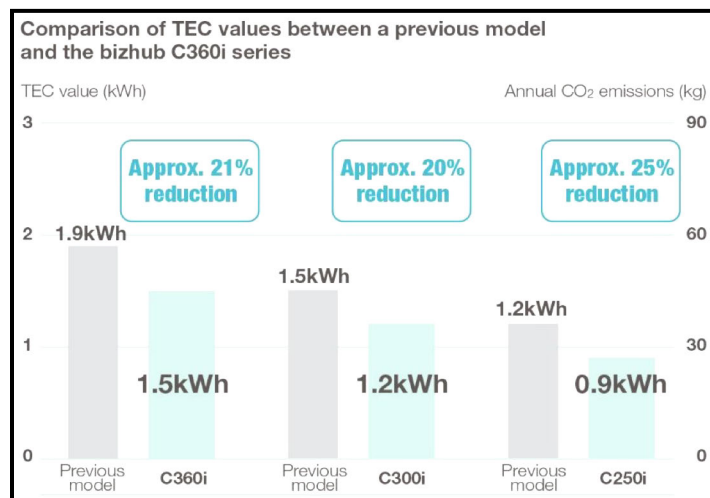Sharp melt wax
Ultra thin shell

Toner Particle
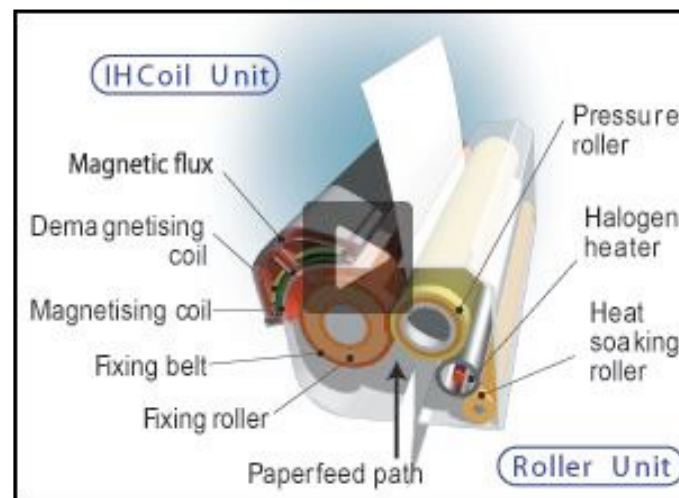(observed with an electron microscope)

- Made with plant-based "biomass" materials
- Smaller particles than ordinary toner
- Cuts toner consumption by 30+%
- Fuses to paper at lower temperatures
- Faster warm-up time
- Reduces CO_2 emissions by 40%

green products

Our Office Products = Energy Savings

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Reduction of Power Consumption during Product Use

Comparison of TEC values between a previous model and the bizhub C360i series

TEC value (kWh) — Annual CO₂ emissions (kg)

- Approx. 21% reduction
- Approx. 20% reduction
- Approx. 25% reduction

	Previous model	C360i	Previous model	C300i	Previous model	C250i
TEC value	1.9kWh	1.5kWh	1.5kWh	1.2kWh	1.2kWh	0.9kWh

IH Fixing System to Reduce Standby Power Consumption

IH Coil Unit
- Magnetic flux
- Demagnetising coil
- Magnetising coil
- Fixing belt
- Fixing roller
- Pressure roller
- Halogen heater
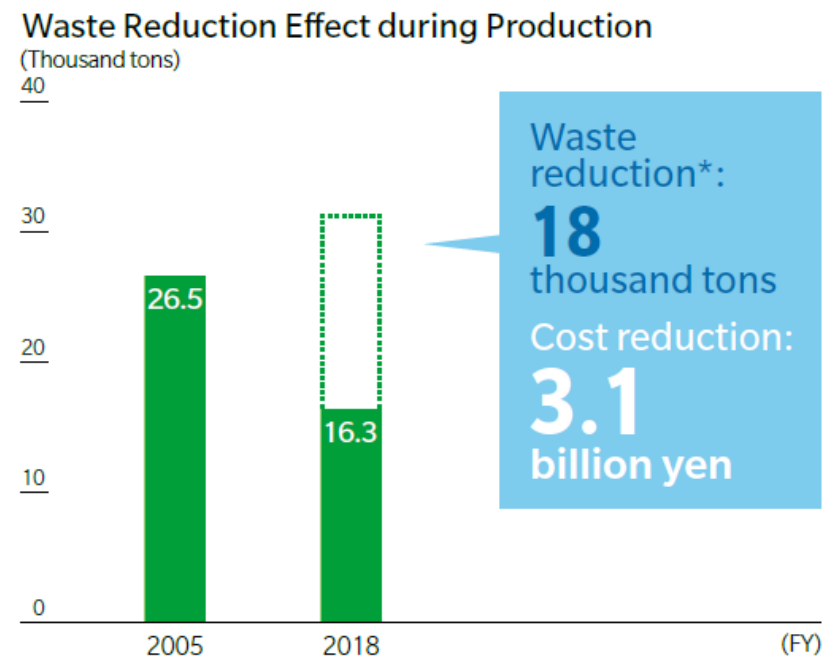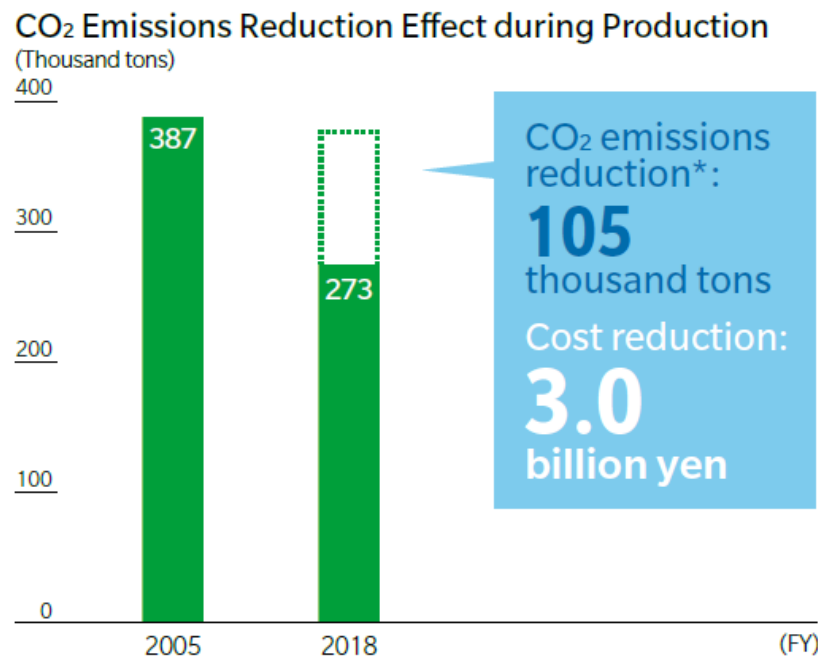- Heat soaking roller
- Paperfeed path
- Roller Unit

- LED light source reduces power consumption during scanning
- "Power Save" feature reduces power consumption when product not in use
- Energy-saving design that power only the areas needed
- "Print Preview" to reduce misprints
- Eco Dashboard for users environmental awareness

Proximity Sensor saves electricity without lowering operational efficiency

Proximity sensor's built-in antenna

Green Factory

- Reduce environmental impact at production sites

- Improve efficiency in production processes, and the development and enhancement of production technology

CO₂ Emissions Reduction Effect during Production
(Thousand tons)

Values: 2005: 387, 2018: 273

CO₂ emissions reduction*:
105
thousand tons

Cost reduction:
3.0
billion yen

Waste Reduction Effect during Production
(Thousand tons)

Values: 2005: 26.5, 2018: 16.3

Waste reduction*:
18
thousand tons

Cost reduction:
3.1
billion yen

*The amount of reduction is calculated by subtracting the actual fiscal 2018 emissions amount from the estimated amount of emissions that would be produced if environmental conservation activities had not been implemented since fiscal 2005.

green factory

Green Factory
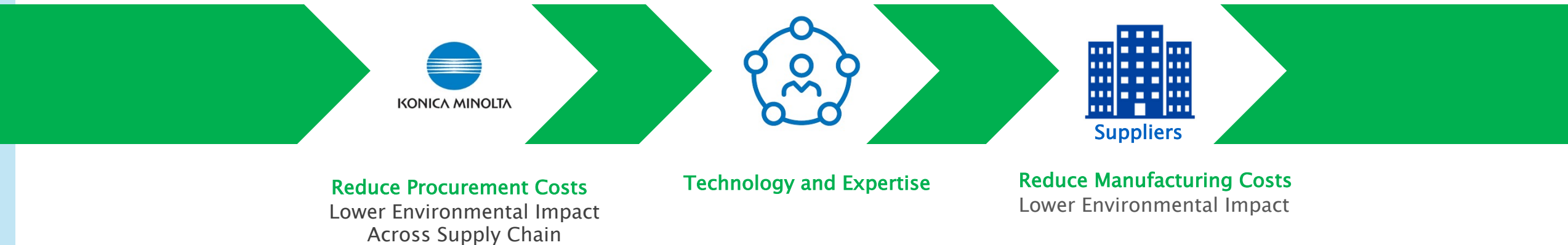
Konica Minolta – RE100 Member
Global leadership initiative that brings together businesses committed
to sourcing 100% renewable energy for their operations

- **Konica Minolta is working to procure 100% of the power used in our business activities from renewable energy sources by 2030**

Green Supplier Program

- Work with suppliers to reduce their environmental impact
- Share environmental technologies and expertise and work closely with suppliers for a greener supply chain.

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Reduce Procurement Costs
Lower Environmental Impact
Across Supply Chain

Technology and Expertise

Suppliers

Reduce Manufacturing Costs
Lower Environmental Impact

green factory

Green Marketing

Sharing Management Approach and Effective Practical Applications

- Popularize products and services that help reduce environmental impact.

- Use our environmental technology and know-how to help clients solve environmental challenges.

- Set environmental goals based on regional needs related to distribution, packaging, sales and service.

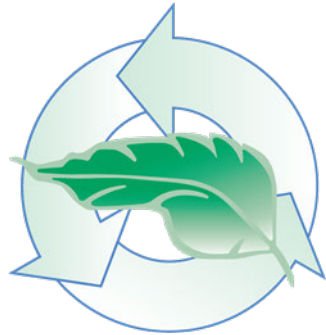**Green Marketing Activities**

Clean Planet Program

Recycling that is simple, efficient and cost-free!

- Keeps **ALL** Konica Minolta consumables out of landfills
- No cost to our clients

Since October 2010 launch…

More than **3,132,000** items recycled

Represents nearly **4.3** million
pounds of material not in landfills!

SmartWay® Transport Partnership

Achieving sustainability goals across our supply chain

- Reduce emissions and fuel use in logistics activities
- Ship 50% or more of our goods using efficient SmartWay carriers
- Implement plans for less routing miles, fitting more freight into railcars or truck trailers and reduce idling at loading docks
- Take measures to consolidate orders

Adoption of Renewable Energy

- Konica Minolta's Ramsey, NJ corporate headquarters runs on 100 percent renewable energy
- The campus is partially powered by a **967,000 kWh** solar energy system
- Consists of **3,848** 240-watt solar panels
- Produces enough annual output to power **more than 80** homes/offset the greenhouse gas emissions of **130+** passenger cars

Member of Two Sides North America

Encouraging Environmental Awareness

- Promoting the responsible production, use and sustainability of print and paper

- Dispelling common environmental misconceptions about paper

Supporting Reforestation

- For the past several years, we've partnered with the Arbor Day Foundation to plant more than **20,000 trees**.

- This effort will support reforestation efforts, leading to a more sustainable future.

Representing Environmental Leadership

GOLD

EPEAT GOLD RATING

– We have the **highest total** of **EPEAT points** of any registered imaging equipment company in the world

Recognized for Creating a Better World

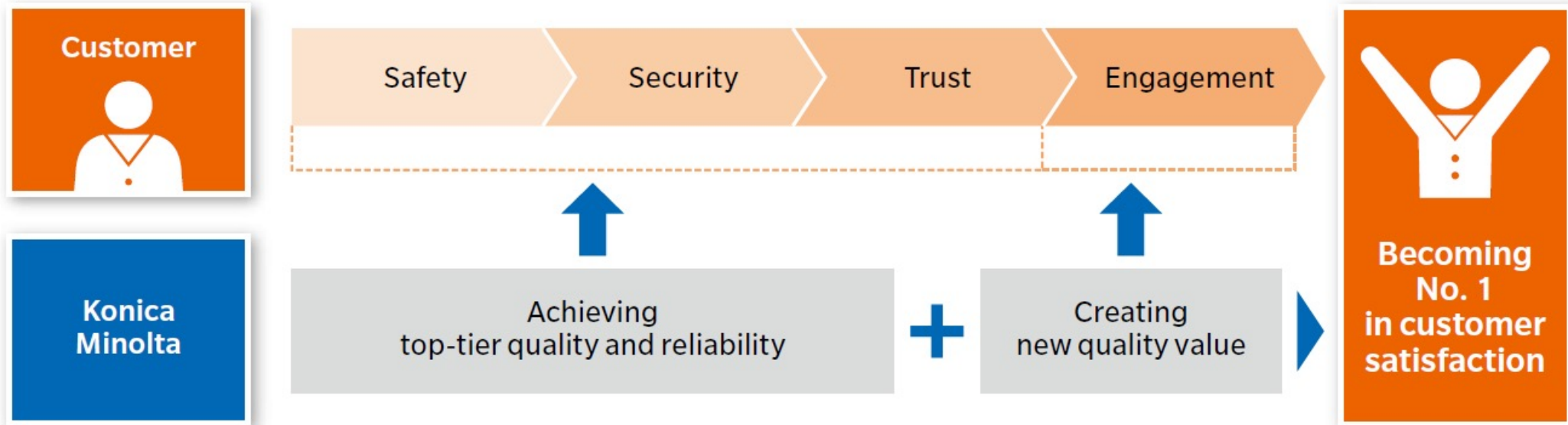|			
Japan Eco Mark		China Green Mark	
International Energy Star Program		HK Energy Star	
Blue Angel Mark		Eco Leaf Mark	
China Energy Saving Standard		EPEAT	

Ranked #1

Nikkei Environmental Management Survey

RE 100

FTSE4Good

Customer Satisfaction and Product Safety

A new level of engagement above and beyond client expectations

Customer

Safety → Security → Trust → Engagement

Konica Minolta

Achieving top-tier quality and reliability

+

Creating new quality value

Becoming No. 1 in customer satisfaction

8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Awarded the top position in the tenth Quality Management Level Research – Union of Japanese Scientists and Engineers (JUSE)

AccurioJet KM-1

Using digital technology to reduce environmental impact of commercial printing

High Image Quality
 – Print only what is needed at the time needed to suit your needs

- Reduces environmental impact
- Minimized waste
- Reduces labor-hours needed

Workplace Hub Core and Smart

ONE COMPLETE SYSTEM
WITH TAILORED FEATURES

- DOCUMENT MANAGEMENT
- WORKFLOW AUTOMATION
- PRINT MANAGEMENT
- NETWORK FAXING
- HEALTHCARE BUNDLE
- FEATURES OVERVIEW

Workplace Hub Core and Smart are true Application-as-a- Service platforms that is always connected, always accessible, from anywhere.

5 GENDER EQUALITY
8 DECENT WORK AND ECONOMIC GROWTH
10 REDUCED INEQUALITIES
17 PARTNERSHIPS FOR THE GOALS

Digital Innovation that generates greater Efficiency, Productivity and Creativity

A complete solution with MFP and Server Combined

Perfect for a Server Room

Responsible Supply Chain

Solving Social Issues with Suppliers through Business Activities

Promoting:

- CSR Activities, Assessment and Audits

- Efforts to Address Conflict Minerals

Making the Most of Employee Diversity to Create New Value – for our Clients and Society

- Promote Awareness and a Corporate Culture of Diversity
  - Company–Wide Diversity Promotion Program
- Supporting Women's Career Advancement
- Supporting Employment of Persons with Disabilities
- Utilizing Employee Experiences Gained Outside the Company and Abroad

Our Community, Our Neighborhood

- Education - Supporting programs that promote literacy and education among students across the United States

- Environment - Volunteering to help keep our community sustainable for future generations

- Food security - Volunteering in our communities and holding regular drives and fundraisers that support food security

- Health and Wellness - Raising awareness for personal wellness among employees and the community

Thank You