

Mitsubishi Chemical Group Corporation

IR Day 2022 Performance Products

value creation through profitability growth

September 27, 2022



KAITEKI Value for Tomorrow

The sustainable well-being of people, society and our planet Earth
- we call it KAITEKI.

Through our core values of Sustainability, Health and Comfort, we create innovative solutions globally realizing KAITEKI.

Creating KAITEKI Value today we ensure a bright future for tomorrow. We are THE KAITEKI COMPANY.

Today's agenda



15:00 - 15:05	Opening remarks	Jean-Marc Gilson Representative Corporate Executive Officer, President and Chief Executive Officer
15:05 - 16:10	i. Our starting point	Jean-Marc Gilson
	ii. Performance Products – spearhead of implementation	Johei Takimoto Executive Vice President, Head of Advanced Solutions
	iii. Key takeaways and outlook	Hitoshi Sasaki Executive Vice President, Head of Polymers & Compounds / MMA
16:10 - 16:20	Break	
16:20 - 17:20	Q&A session	
17:20 - 17:30	Closing remarks	Jean-Marc Gilson

Opening remarks – what we will discuss today



- MCG's starting position and strengths lie in our unique product portfolio which enables
 us to bring capabilities & innovation tailored to end-markets to our customers and service
 them better
- We have set ourselves the vision of being one of the world's leading specialty materials
 & solutions provider
- The launch and accelerated execution of the "Forging the future" strategy deliver on that vision
- Our goal is value creation through profitable growth we will improve profitability and grow in areas where we have distinctive products & solutions for our customers while managing capital employed
- Today, we will share our actions to strengthen profitability and share with you the impact on future growth of our Performance Products business – as a teaser to the full investor presentation in February on MCG's Forging the future journey

Today's agenda



15:00 - 15:05 Opening remarks

Jean-Marc Gilson
Representative Corporate Executive Officer,
President and Chief Executive Officer

15:05 - 16:10 i.

i. Our starting point

i. Performance Products – spearhead of implementation

iii. Key takeaways and outlook

Jean-Marc Gilson

Johei Takimoto

Executive Vice President, Head of Advanced Solutions

Hitoshi Sasaki Executive Vice President, Head of Polymers & Compounds / MMA

16:10 - 16:20 Break

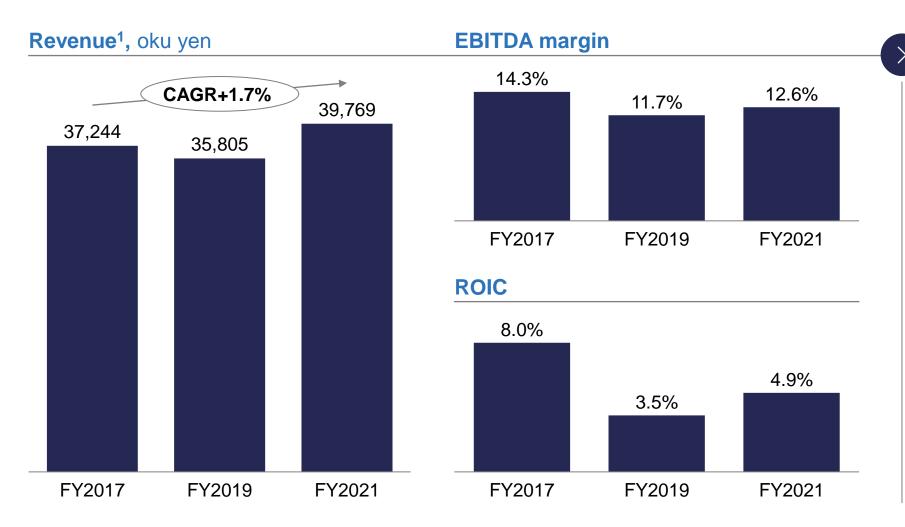
16:20 - 17:20 Q&A session

17:20 - 17:30 Closing remarks

Jean-Marc Gilson

MCG struggled to generate value for our shareholders in the past - along both growth and profitability





Takeaways

- Stalling revenue growth (1.7% CAGR) over the last 4 years while market grew 3-4 % p.a.
- Significant profitability decline between FY2017-19, only slow return to higher EBITDA & ROIC in FY2021

^{1.} Adjusted Revenues to improve comparability

We have identified the major challenges which limited creation of shareholder value in the past





Complex product and business portfolio – requires focus and simplification, leverage tailwinds in high-growing end-markets



Focus on domestic growth – shift focus to global markets through tailored offerings for high growth regions



Existing cost structure – transition to leaner cost positions with improvements in year-on-year productivity metrics



Past investments did not deliver expected returns - need to improve capital allocation and manage working capital more stringently



Digital & process backbone – advance systems and processes to enable quick fact-based decision making and a smooth customer experience

To address these and become one of the world's leading specialty materials & solutions supplier, we launched the "Forging the future" strategy



Forging the future Objectives:



Leaner Structure to Execute Strategy



Strategic Cost Transformation



Growth, Performance, and Sustainability



Business to Exit



Strategic Capital Allocation

Forging the future mindset

"bring re-focus"

"accelerate margin growth"

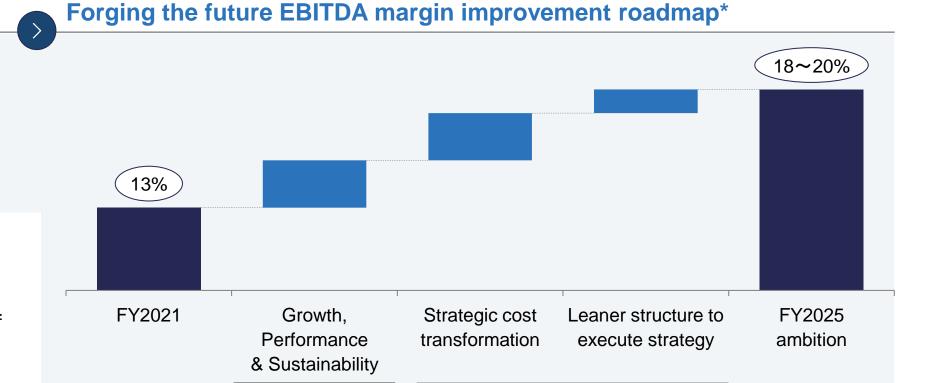
"drive company wide cost and cash excellence"

Forging the future will result in margin & ROIC improvement



Objectives

- The "accelerate margin growth" and "drive company wide cost and cash excellence initiatives of Forging the future directly impact EBITDA margin
- Remaining "bring re-focus" objectives will help drive ROIC:
- Business to exit: Pockets of business to divest, carve out and consolidate where MCG is not the natural owner
- Strategic capital allocation



"drive company wide cost and cash

excellence"

"accelerate margin

growth"

^{*} As presented in Forging the future, December 2021

Turning Forging the future into action – we are changing the way MCG operates



1: Bring company wide re-focus

- Strategic capital allocation based on portfolio strategy and capex management thereafter
- Exit businesses where we are not natural owners
- Targeted M&A yielding aspirational returns
- Shift orientation to markets and focus on those with high-growth or distinctive products

2: Drive company wide cost and cash excellence

- Restructuring and cost eliminations (e.g., reductions in other fixed costs, improvement in productivity etc.)
- Working capital management (targeted at Accounts Receivable, Accounts Payable, and Inventories)
- Productivity improvement across manufacturing, supply chain, logistics, procurement

3: Accelerate margin growthGlobal markets and global commercial organizationR&D aligned with business needs

- Optimal product portfolio mix
- Distinctive customer experience (CX)
- Commercial excellence (including Pricing)

Performance Products
Industrial Gases
Health Care
MMA
Petrochemicals
Carbon Products

Enable the organization

- Empowered and value driven organization
- World-class business processes and digital infrastructure

1: Bring company wide re-focus



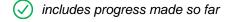
From (FY2022)

Capital allocation, business to exit, M&A levers

 Truly diversified portfolio with equal focus on non-core / low return markets and industries

- Little strategic capital allocation, investments rather made by businesses
- Current M&A process not focused on synergies hence leading to limited value creation so far

To (FY2025)



· Refocus on key businesses where we have capabilities, tailwinds, and product pipeline



- Focus on products and markets where we are natural owners and obtain leadership position
 - Several product segments already identified for divestitures, in various stages of implementation



- Strategic capital allocation based on portfolio strategy
 - Project kicked off to redefine our capital project selection and execution (to be implemented by 2022-year end)



Best-in-class process for scouting, screening & diligence of M&A opportunities



Adopted a stricter stage gate M&A process



Installed post acquisition integration planning and reviews



2: Company wide cost & cash excellence



From (FY2022)

- Siloed organization between businesses in Japan and globally
- Complex matrix structures with many layers

Productivity improvement

Re-structuring

eliminations

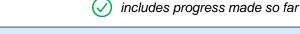
and cost

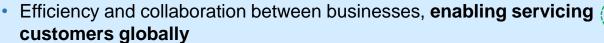
- Y-o-Y productivity lagging versus best-in-class
- Continuously increasing costs for e.g., logistics, procurement not passed through sufficiently

Working capital management

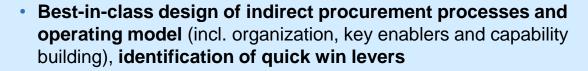
 Investments in fixed and working capital not delivering required returns

To (FY2025)







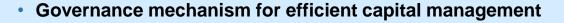




Monitoring and continuous improvement mindset through productivity control tower



 Approach defined to tackle other productivity improvements in manufacturing, logistics and supply chain





 Deployment of ERP based processes and AR & AP tracking for efficient working capital management



^{1.} Includes potential from efficiency (FTE reduction), cashflow related (AR/AP) and inventory for Europe, NA and Japan

Turning Forging the future into action – we are changing the way MCG operates



1: Bring company-wide re-focus

- Strategic capital allocation based on portfolio strategy and capex management thereafter
- Exit businesses where we are not natural owners
- Targeted M&A yielding aspirational returns
- Shift orientation to markets and focus on those with high-growth or distinctive products

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3: Accelerate margin growth

- Global markets and global commercial organization
- R&D aligned with business needs
- Optimal product portfolio mix
- Distinctive customer experience (CX)
- Commercial excellence (including Pricing)

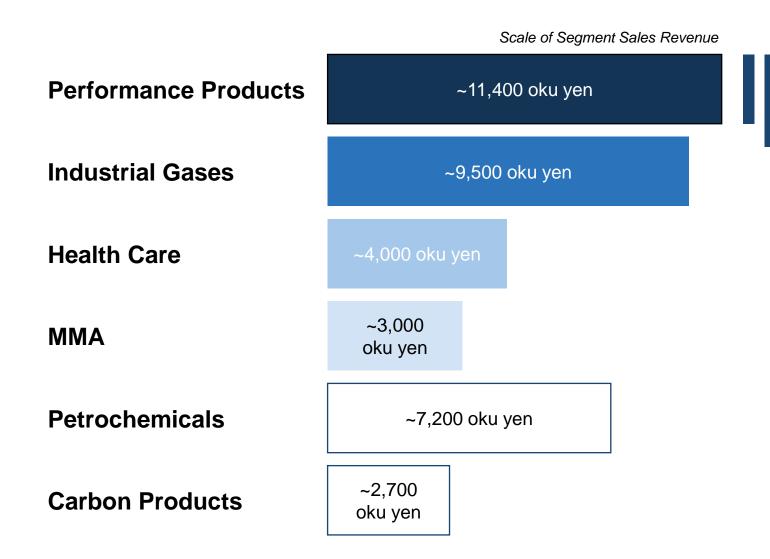
Performance Products
Industrial Gases
Health Care
MMA
Petrochemicals
Carbon Products

Enable the organization

- Empowered and value driven organization
- World-class business processes and digital infrastructure

3: Accelerate margin growth: Performance Products is core to MCG

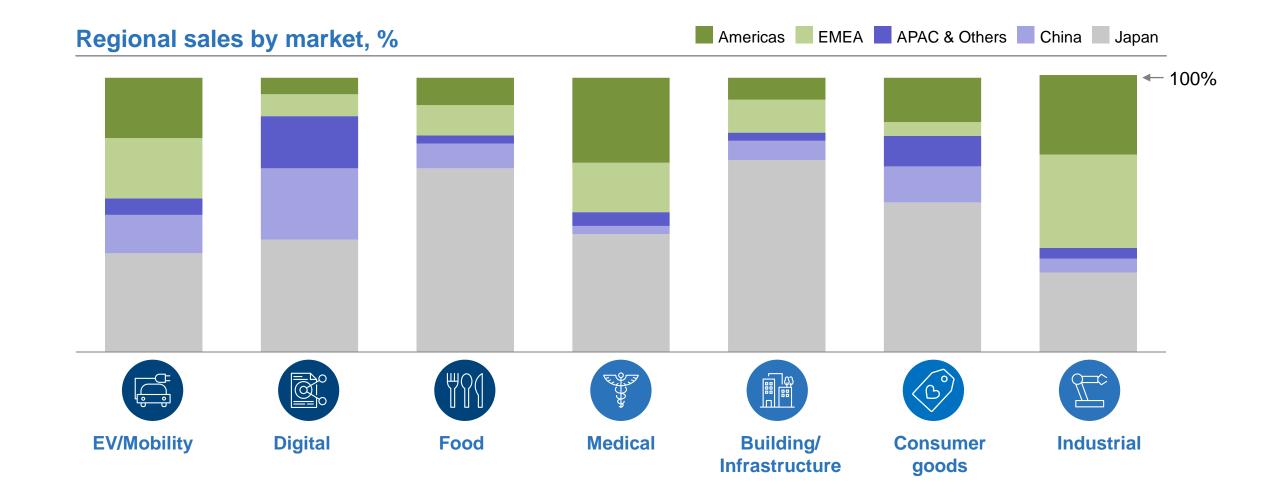




"Performance Products offer distinctive technology products for Engineering applications in high-growth end-markets"

3: Accelerate margin growth - Taking our existing products to high growth markets outside of Japan





3: Accelerate margin growth: shifting to a market-facing organization with focus on 7 key markets to best leverage our core products



Product-focused organization



Market-oriented commercial organization















EV/Mobility

Digital

Food

Medical

Building/ Infrastructure

Consumer goods

Industrial

Growth

- Develop and scale new business in new high growth markets (EV/Mobility, Digital, Food)
- Grow in existing markets through an integrated offer by end-application



Performance

- Enable synergies between businesses and regions
- Tailored business operations and margin management as per different needs of the markets



Customer experience

- Move into solution offering by market to address customers' needs in respective markets
- Enable better cross-functional collaboration and one face to the customer

3: Accelerate margin growth: Performance Products serves endmarkets with high growth tailwinds and has unique capabilities to address them













Building/





EV/Mobility

Electro-mobility

- Light-weighting
- Appearance

Digital

- Smart homes & applications
- Performance
- Miniaturization

Food

- Nutrition & health
- Durability
- Processability

Medical

- Durability and longevity
- **Tailored** implants
- Health effects

- Energy
 - Modular construction

efficiency

Infrastructure

Insulation

Consumer goods

- Personalization
- Sustainability
- Renewable resources

Industrial

- Smart materials
- Water treatment
- Energy efficiency

MCG capabilities

Key trends



- Battery materials
- Composite materials
- Specialty Polymer compounds
- Semiconductor materials. equipment and components
- Fab cleaning services
- Display films & materials

- Emulsifiers
- Vitamins
- Gas barrier function
- Probiotics

- **Implantable** polymers
- Silicone hydrogels for contact lenses
- Dental mold compounds

- Façade design materials
- Additives for adhesives and coatings
- Construction materials

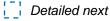
- Carbon fiber composites
- Water soluble polymers
- Hiahperformance water filtration
- Industrial processing films
- Functional separation membranes
- Engineering Plastic parts

3: Accelerating margin growth



 \bigcirc

includes progress made so far



From (FY2022)



- Lack of globalization, overreliance on businesses in Japan
- Product push
- Cross-divisional key account management missing
- Lack of lead generation and funnel management engine
- Cost plus (mark up-based) pricing model
- Insufficient results from innovation (including R&D) to drive business growth

To (FY2025)

- Growth of the businesses across the globe by bringing Japanese excellence to global markets tailoring to local environments
- Application pull and understanding of market needs
- Key account management (KAM) for strategic accounts, tailored offerings and solution selling, higher win/rate of concrete opportunities
- Best-in-class lead and opportunity management process, implementation ongoing in Europe and North America
- Value-based dynamic pricing: Plan to scale further in Advanced Solutions and other businesses
- Integrated innovation strategies that optimally deploy internal R&D and open innovation based on the specific nature of each growth market









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iii. Key takeaways and outlook

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Jean-Marc Gilson

Our Performance Products business leaders will tell you about how we will create value in key growth markets and some exciting products







Perspective on PP - Takimoto Johei, Executive Vice President, Head of Advanced Solutions



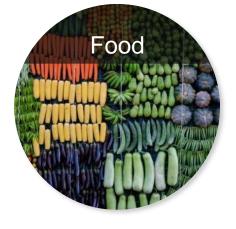
Perspective on sustainability – Sasaki Hitoshi, Executive Vice President, Head of Polymers & Compounds / MMA

Our focus markets in Performance Products





1st session



2nd session



Sales Revenue (oku yen, FY2021)

Approx. 2,500

Approx. 1,700

Approx. 1,700

EV/Mobility

Approx. 4,600*

- Key Businesses
- Semiconductor materials/services
- Electronic devices

- Food packaging materials
- Food additives

- Batteries
- Lightweight materials
- Recycled and bio-materials
- Product life extension

Products to be introduced today

- Cleaning materials & services
- Epoxy
- Black bank materials for OLED
- Light guide plate materials for AR glass

- Sugar esters
- Barrier film for food

- Electrolyte
- Carbon Fiber composite materials
- EVOH
- Bio-based polycarbonate

*A portion of revenue is duplicated in each market

Portfolio transformation in Performance Products









: EV/Mobility

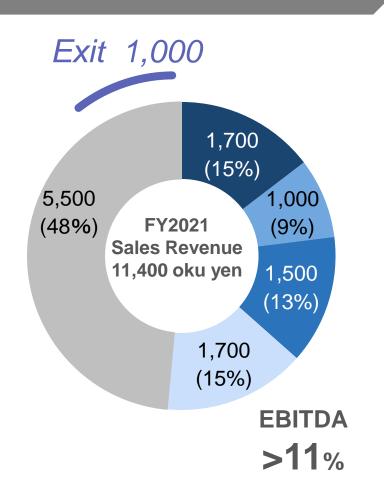
: Digital |Semiconductors

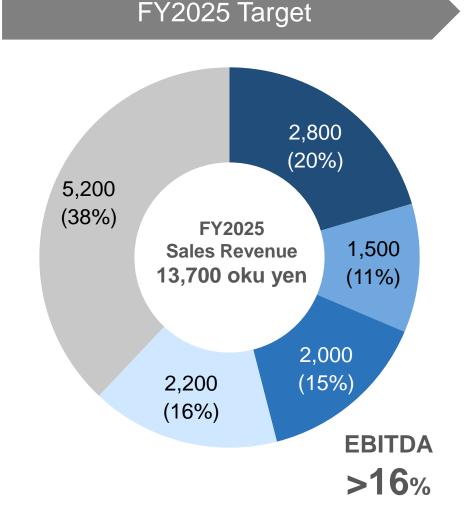
: Digital |Electronics

: Food

: Industrial, Medical Consumer goods **Building &** Construction etc.

: Divestiture **Candidates**



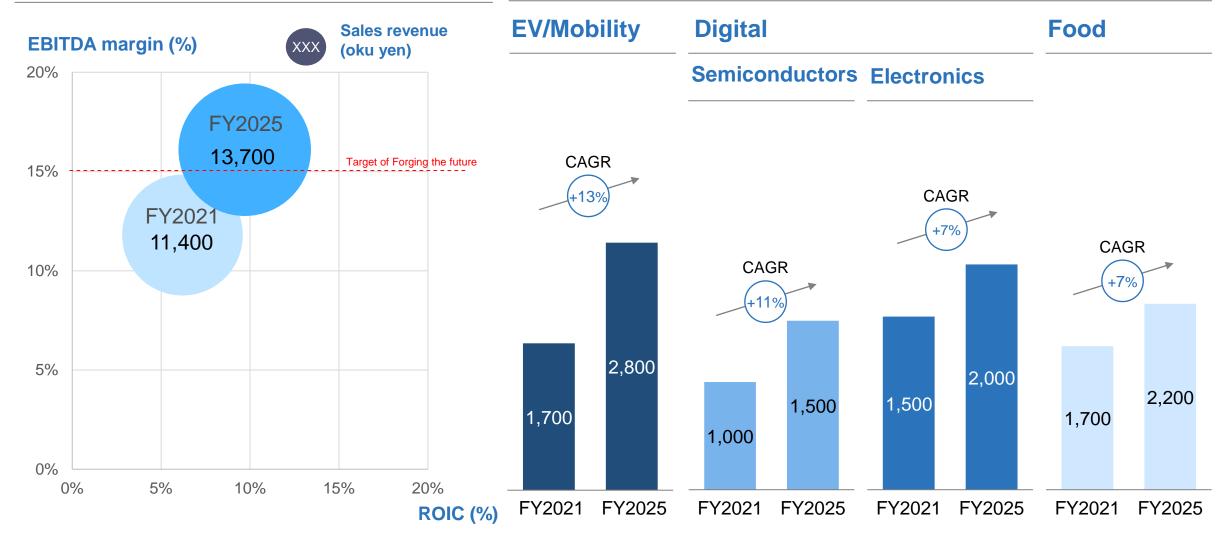


Sales Revenue/EBITDA targets for Performance Products Segment





Sales Revenue by Focus Markets (oku yen)



Basic Strategy of the Performance Products Segment



Aspiration

Achieve strong position by continuous differentiation that cannot be easily challenged → Realize highly profitable businesses (EBITDA>15%)

Transform to Market-oriented org.

Early and deep understanding of the most advanced market change

Org. structure

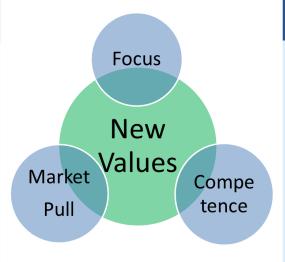


Behavior pattern

- Strengthening marketing function
- Intensifying regional operation
- Speed up developmentproposition cycle

Our Philosophy:

"New Value Daily"



Sharpening our competence that enables innovation

Provide unique & high-level solution which enables the market transformation, in a timely manner.

Our Strengths



- Technology/Material platform
- Best-in-classQuality Management
- Trusting relationship with innovation leaders

Sharpen up aligning with the market change direction

* Examples to be explained later

Disciplined Portfolio Strategy

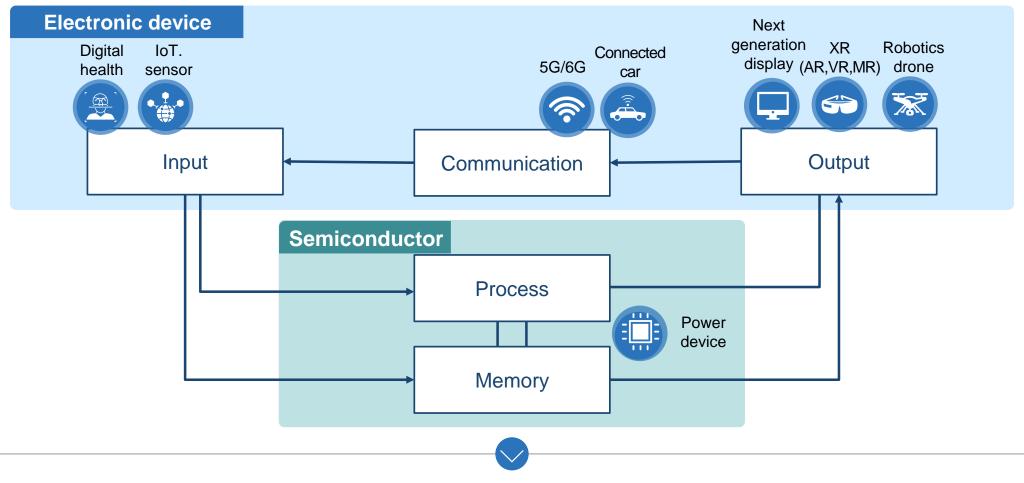
Focus on products & markets where we are natural owners and obtain leadership position. Business operation based on strict criteria :

[Dynamically changing markets] x [Our unique capabilities]

Digital Semiconductors & Electronics

Trends in Information and Communication Related Market





Seamless Interface

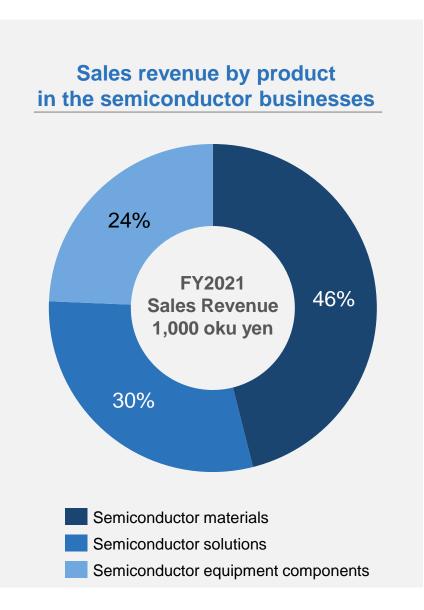
Real ⇔ Virtual

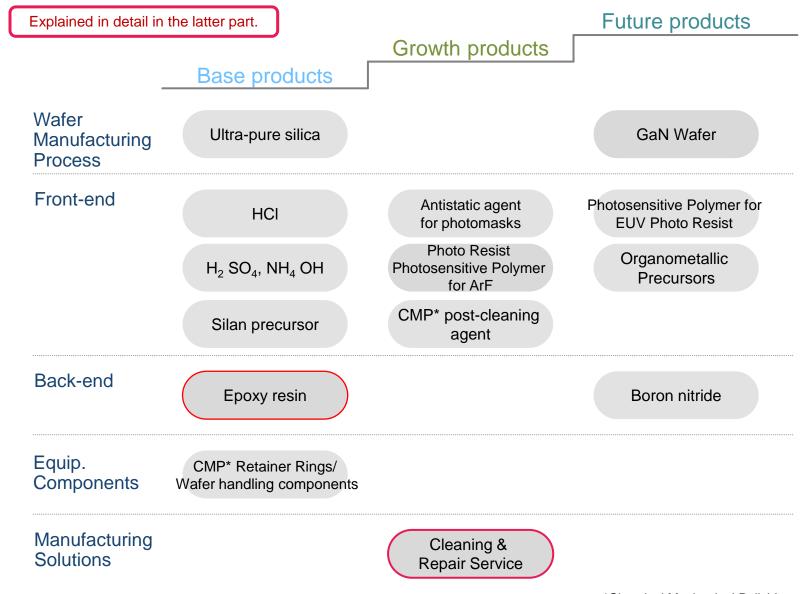
Human ⇔ Products

- The amount, type, and accuracy of information that comes and goes dramatically evolved
- Rise of various emerging markets

Digital 1 | Semiconductor-related Businesses | Overview



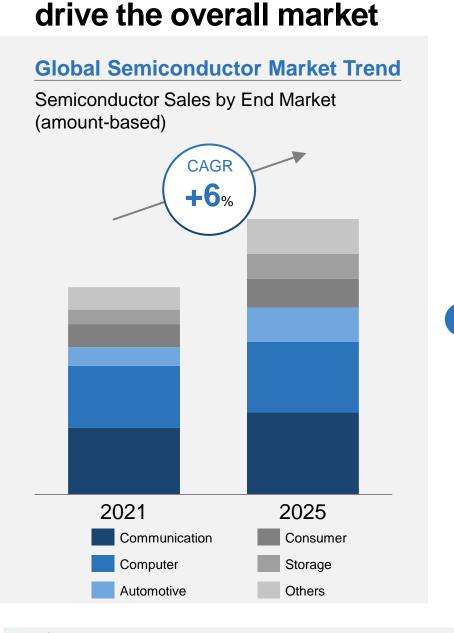




*Chemical Mechanical Polishing

Market Trend | Rapid growth in each application area and device demand

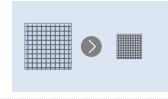




Technology Trends

More Moore (miniaturization, high integration)

Process miniaturization



- Precursor materials
- Etching gas
- CMP related materials

Effects on semiconductor materials

(Advanced process materials)

More than Moore (high density)

Chip multilaver

Chip



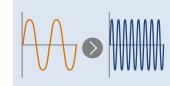
densification



- CMP related materials
- Films, adhesive materials
- Advanced resin materials
- High performance filler
- Low melting point solder materials

The rise of power electronics

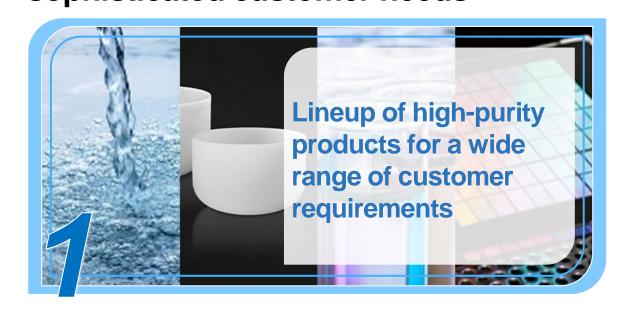
High frequency support, High withstand voltage



- Compound semiconductor substrates
- Thermal management materials

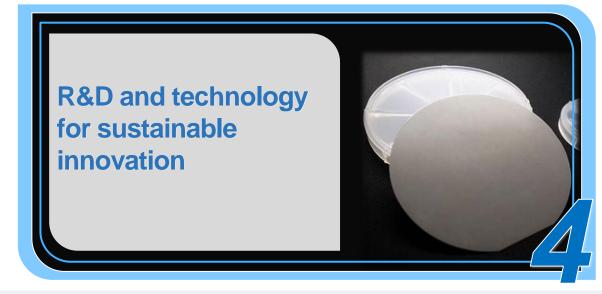
Our Advantage | Unique products and capabilities to meet increasingly sophisticated customer needs









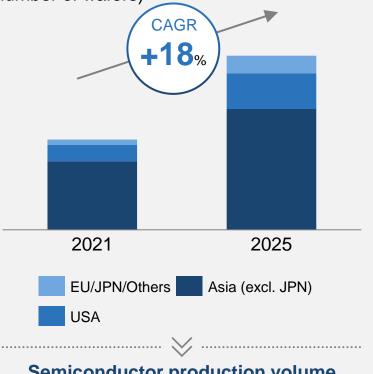


Cleaning Services | Strong Global Position



Logic Semiconductor Production by Region

Advanced node production capacity of 10nm and below (200nm wafer equivalent, based on number of wafers)



Semiconductor production volume is growing at a rapid pace Increased regional decentralization

MCG's Strengths

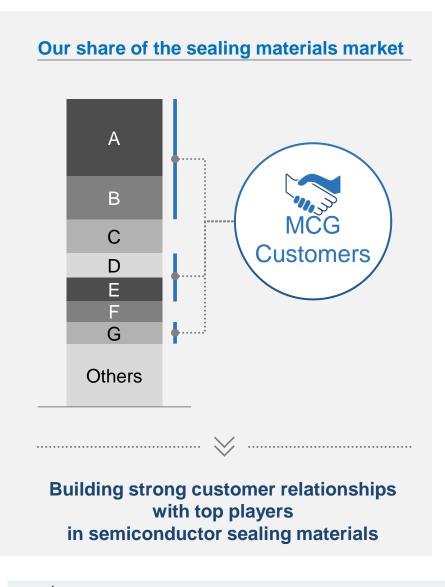
- Equipment-friendly, contamination-free cleaning technology that supports high productivity in evolving semiconductor manufacturing processes.
- Global footprint, regional coverage and regional strategies.

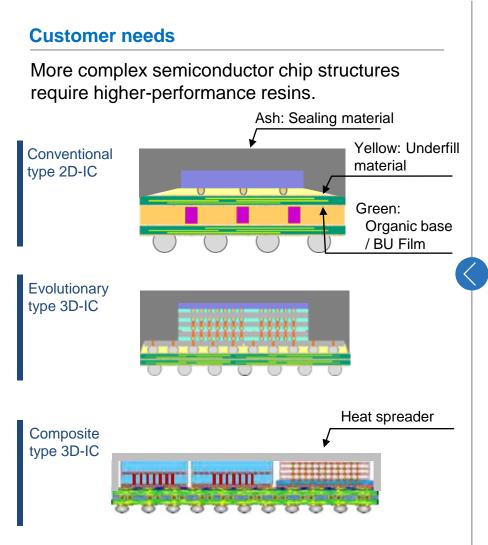


- Expand market share for new cutting-edge fabs by horizontally deploying cutting-edge technologies
- Maintain No. 1 market share as power semiconductor companies continue to invest in expansion
- Japan: Our factories are operating at full capacity and expanding profitability as fabs and OEMs increase their investments
- Taiwan, South Korea: Enhanced cleaning for cutting-edge applications

Epoxy | High Adaptability to Cutting-Edge IC Trends Maintains High Market Share







MCG's Strengths

Heatresisting property Increased heat generation due to next-generation devices and high integration



Contribution to improvement of formability in thinwalled parts



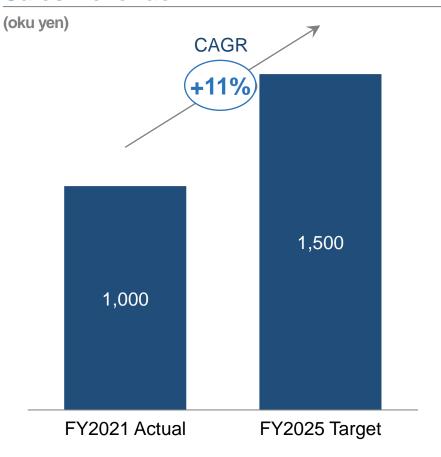
Retention and reliability with board connection surface

Semiconductor Business Indicators Summary

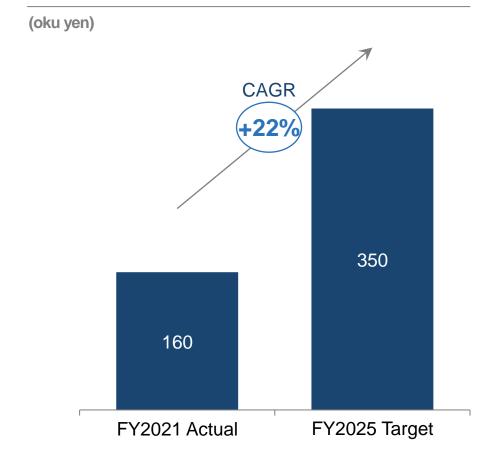




Sales Revenue

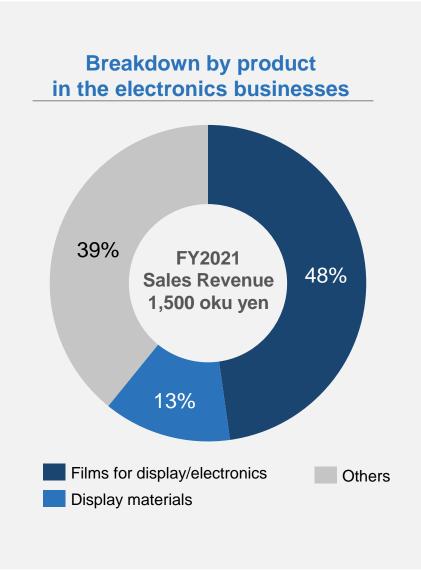


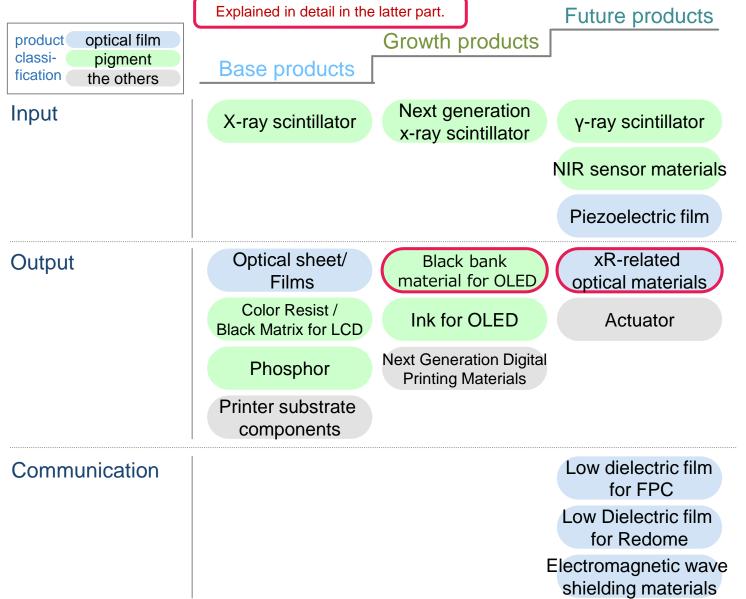
EBITDA



Digital 2 | Electronics Businesses | Overview

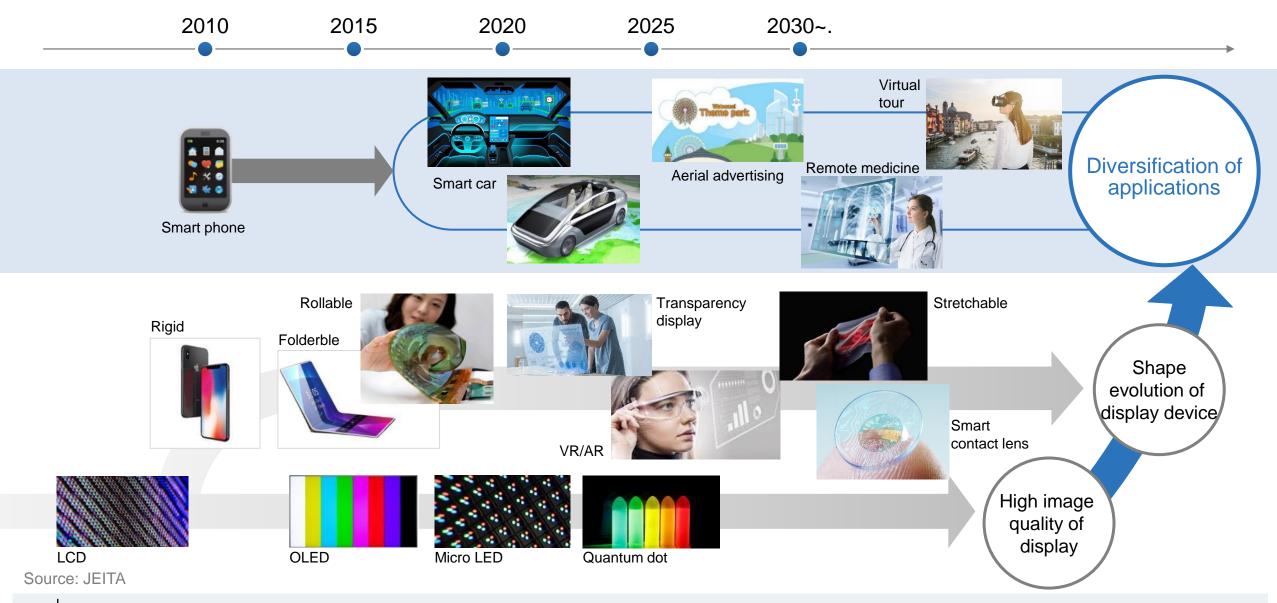






Next Generation Display Market Trends

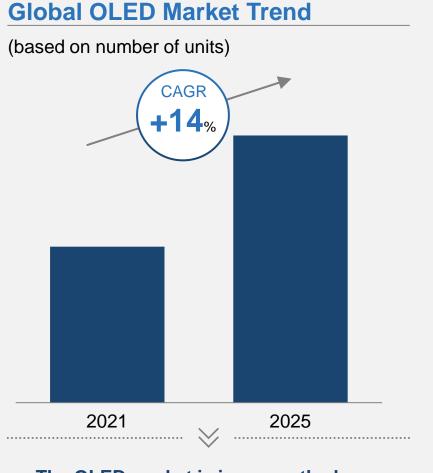




Black Bank Materials for OLED



Building a leading position in the OLED market by applying color resist materials and technology

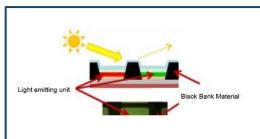


The OLED market is in a growth phase.

Further improvement of image quality is required.

High image quality is required.

MCG's Strengths



Technology cultivated in the color resist business and Responding to the need for even higher image quality by leveraging leading position in the industry

- World's first BM* resist launched in 2003
- BM/BCS** No.1 share as of 2021

**Black Matrix **Black Column Spacer

Our Colors Presist technology

Bank materials

Pigment dispersion technology

Ink component

Pigments, Carbon black, Dispersing agents, Dispersing resins



Materials & Dispersion Technology

Enables wider selection of pigment types that can penetrate UV light even under thick films

Resist design technology

Resist component

Photosensitive resin, Photoinitiator, various additives



Materials & Design Technology

Enables detailed arrangements for film thickness, etc.

Light Guide Plate Materials for AR Glass (xR-related Optical Materials)

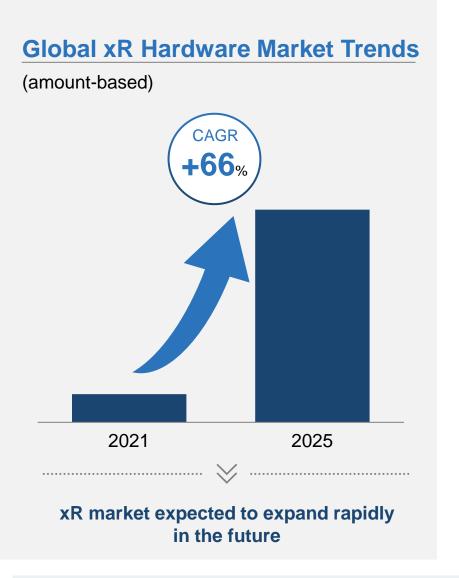
Improved

immersion

feeling

Expanding business in the growing market for AR glasses by leveraging our capabilities in optical control technology





Customer Needs and MCG's Strengths

Customer needs

Improvement of weight reduction, safety, which are the challenges for conventional glass substrates

-ight Diffractive Materials

MCG's Strengths

 Achieves transparency and smoothness beyond that of optical glass by utilizing our superior molding technology for transparent polymer materials.

Super transparency

Super smoothness

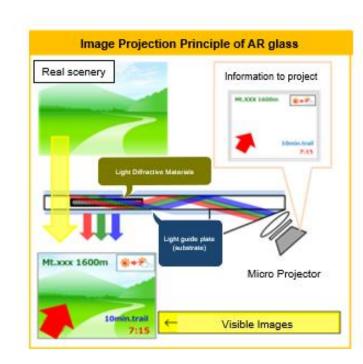
- Achieves higher performance than other methods using technology cultivated through research and development of hologram memory
- We have a full range of in-house capabilities, from materials to evaluation technology.
 (Our unique strength)

Viewing angle improvement

Brightness improvement

Image quality improvement

Weight reduction Thinning

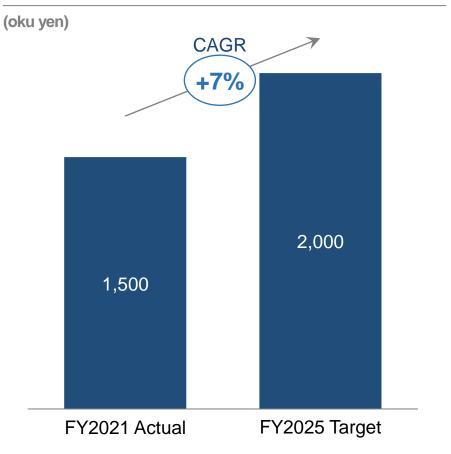


Electronics Business Indicators Summary



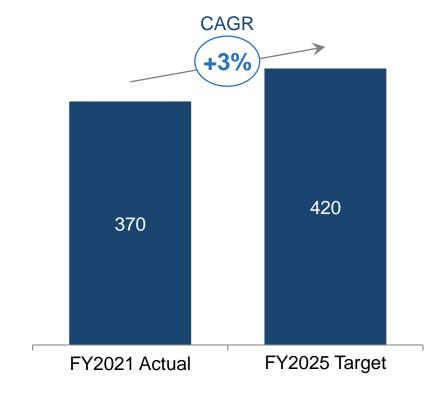


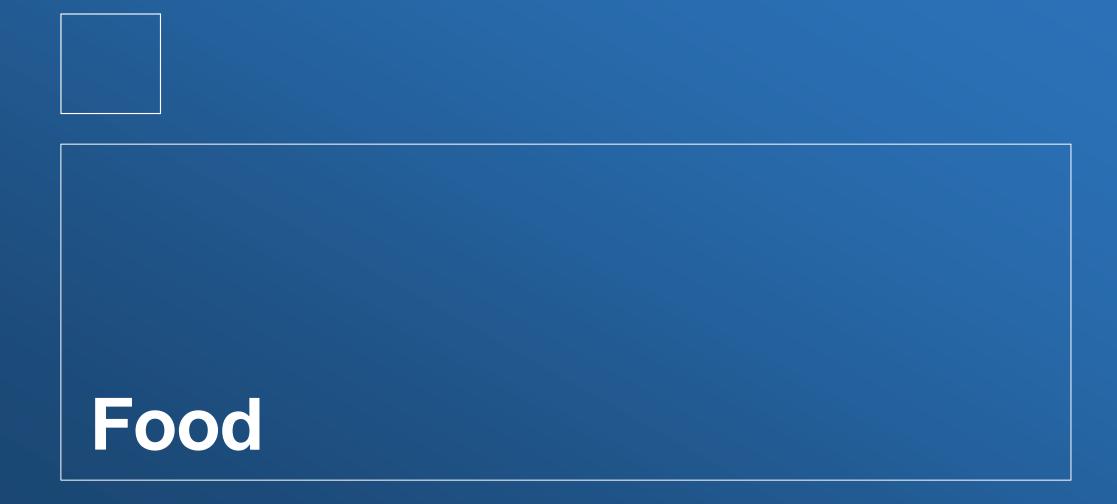
Sales Revenue



EBITDA

(oku yen)





Food Market Trends | MCG Solutions and Products



Reduction of food loss, preservation of taste and freshness

Reduction of environmental impact in food production systems

Comprehensive design of deliciousness (Taste, texture, aroma, appearance)

In the food area Social Challenges and Trends

Expansion of food supply and demand gap

Increase environmental impact in food system

Changing consumer lifestyle and values

Purification technology to support supply

Improved production efficiency

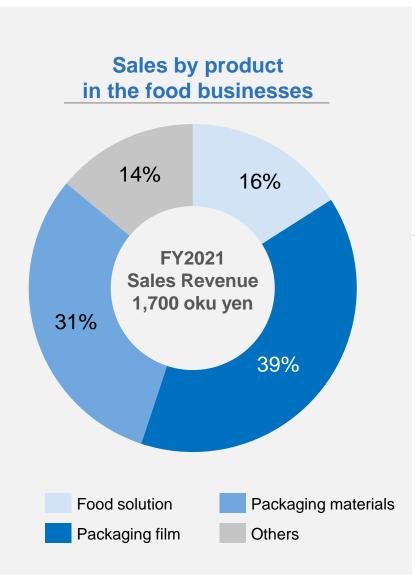
New food options

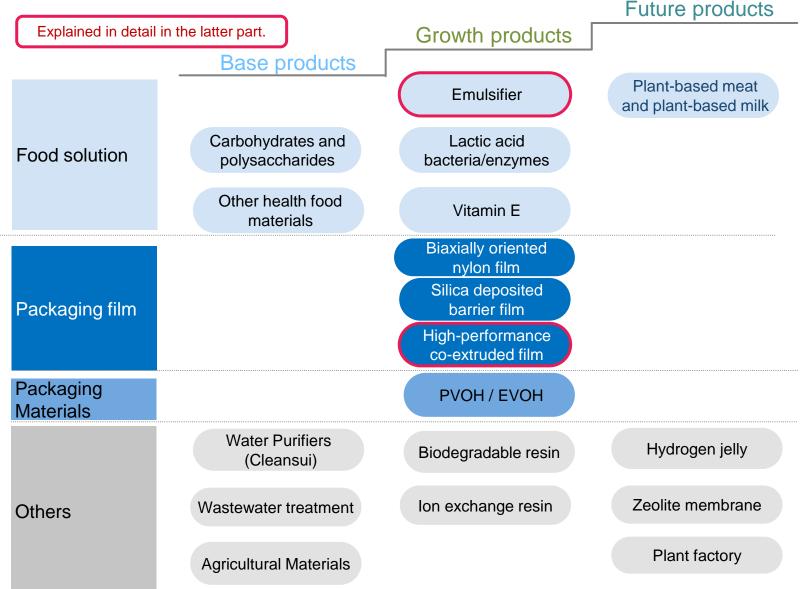
Foods that solve health challenges



Food-related Businesses | Overview







Emulsifiers | Maintain and strengthen the No. 1 global market share of sugar esters





MCG's value proposition in the emulsifier business (Sugar Esters)



Dispersion stability



Improves texture and taste by easily maintaining the emulsified structure of various food ingredients.

Optimize composition according to customer needs









Ready-to-Drink Demand Rises as Incomes Rise in Emerging Asian Countries

Coffee Demand (APAC)



Increased demand due to lifestyle changes (e.g., remote working) as a result of the COVID-19.

Regional expansion



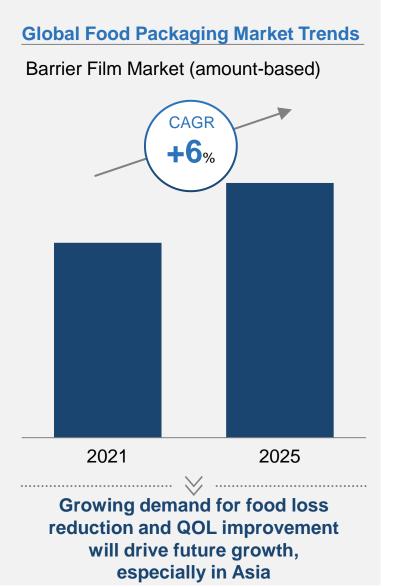


1. growth rate of Tea RTD market (APAC) during 2020-25; 2. growth rate of Coffee RTD market (APAC) during 2022-27 Source: Mordor Intelligence

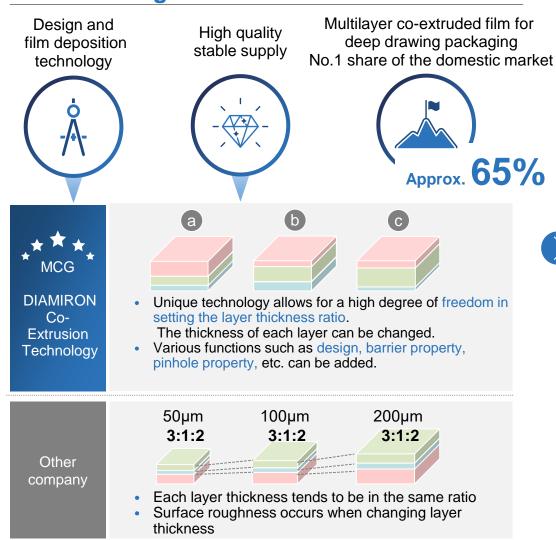
Food packaging materials |

MITSUBISHI CHEMICAL GROUP

Appealing to the food needs of Asian countries such as Thailand with the No.1 track record in Japan



MCG's Strengths



Expansion into Asia

Responding to customer needs specific to Thailand and other Asian countries

Chilled needs



Responding to demand such as change from frozen to refrigerated for export

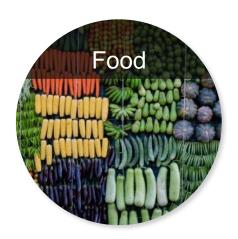
Color needs



Expressing the colors that are unique to the region and desired by the customers

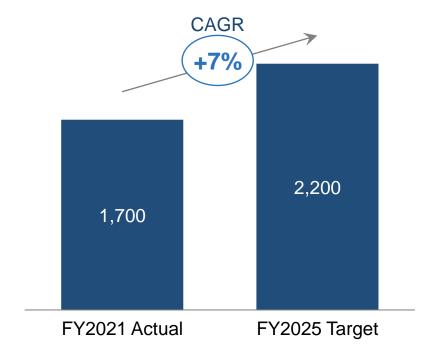
Food Business Indicators Summary





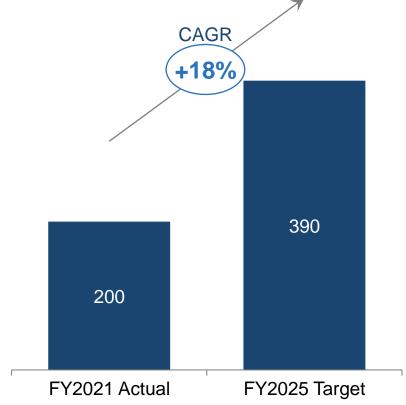
Sales Revenue

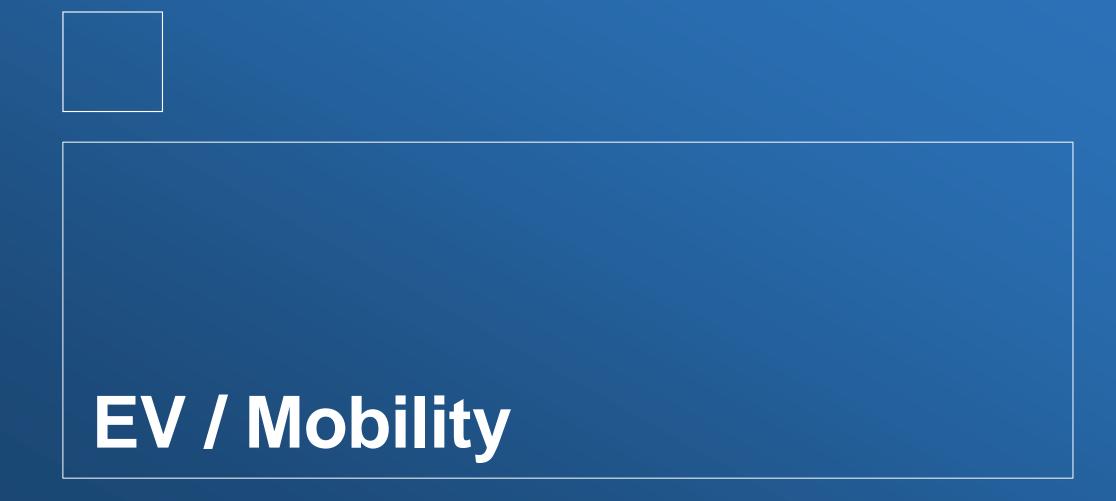
(oku yen)



EBITDA

(oku yen)





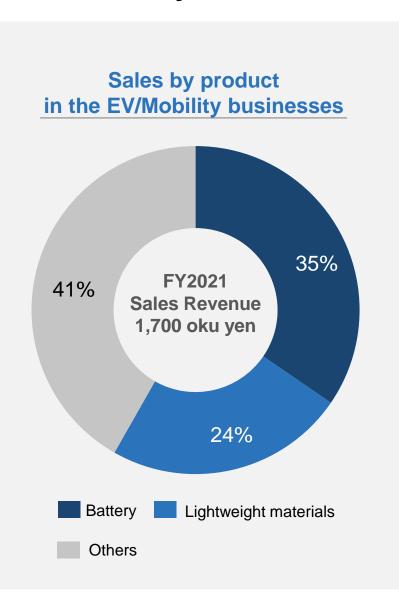
Megatrends | Mobility Trends Drive New Product Needs

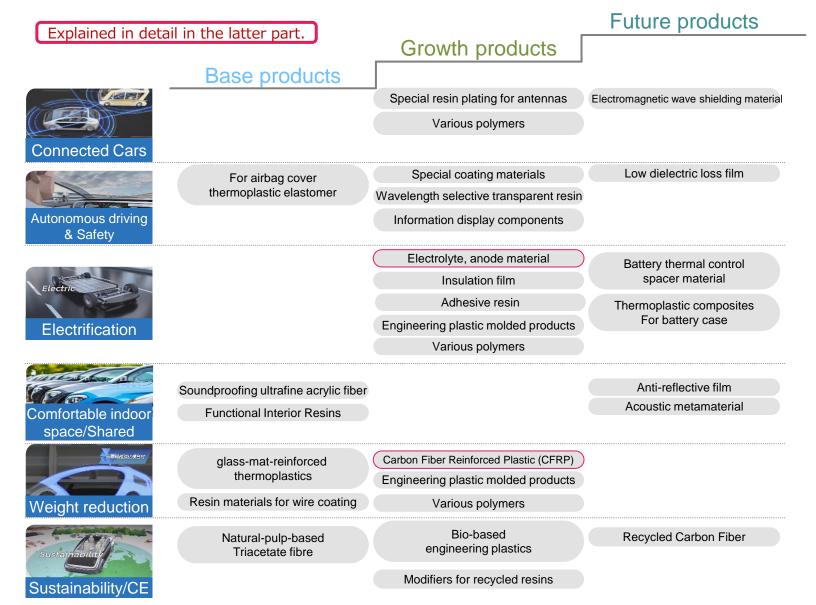


Trend	Customer needs	~2030 From 2030
1 Connected cars	5G/6G Communication, Antenna, Optical Fiber Fiber Optics	6G communication Technology 5G communications in full swing
2 Autonomous driving & Safety	Sensors/Cameras/	Level 2
	Improvement of positioning	Level 3 Level 4
	system performance and	Level 5
	accident prevention	Reduction in traffic accidents
3 Comfortable	Quietness, damping, and	Turning the cabin into an entertainment space
indoor space	vibration control in the cabin Highly designed/tactile components	Emerging Customization
4 Shared	Hygiene/Antibacterial	From owning to sharing
	nti-virus material	MaaS
5 Electrification	High capacity / High life span / High safety	Lithium-ion battery
Electric		All-solid-state battery
		Innovative Battery Technology Increased demand for thermal management
Malatica .	Mana produced et law east	Expanded use of lightweight materials
6 Mobility	Mass-produced at low cost lightweight materials and	Urban Air Mobility Market Expansion
diversification and weight reduction	multi-materials	Expanding use of FCV
7 Sustainability/	CO ₂ reduction	Promote SDGs and CO ₂ reduction
CE	recycled and bio-based	Expansion of bio-based materials and recycled materials
Sustainability	materials	Hydrogen Implementation Society
	- Y	Transition to a recycling-oriented society

EV/Mobility-related Businesses | Overview

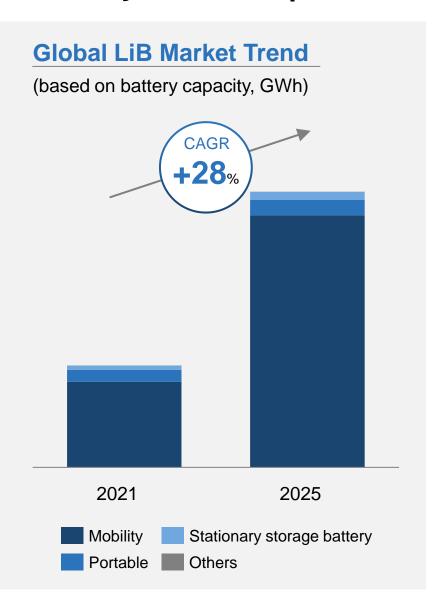






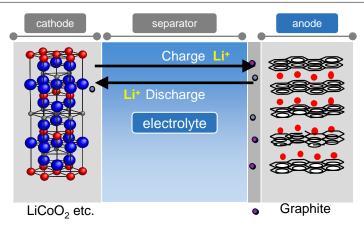
Battery Materials | Battery-related Materials Market Expands through EV Growth





Key LiB Components and Needs

XX MCG's products



Main components

Customer needs



Solution with electrical conductivity



- High Power
- · Durability, long life, high safety
- · Control of side reactions at the electrode

Anode material Accepts lithium during charging to determine battery capacity and power



- High capacity, long life
- Stable supply
- Materials with low environmental impact amid increasingly strict environmental regulations

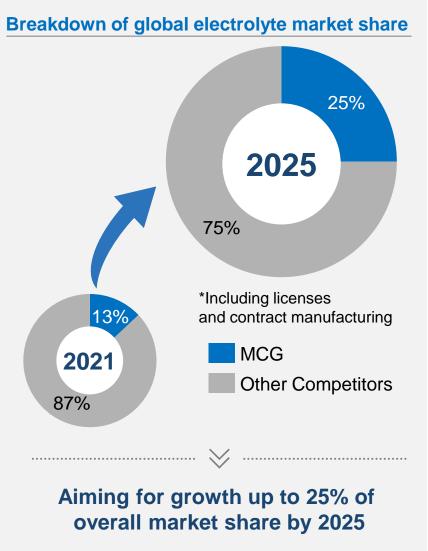
Cathode material Source of lithium ion. Determines battery capacity, power and average voltage

Separator

Isolates the positive and negative electrodes while maintaining ionic conductivity

Electrolyte Aiming to expand market share by leveraging our industry presence, proprietary additives and high design capability





MCG's Strengths

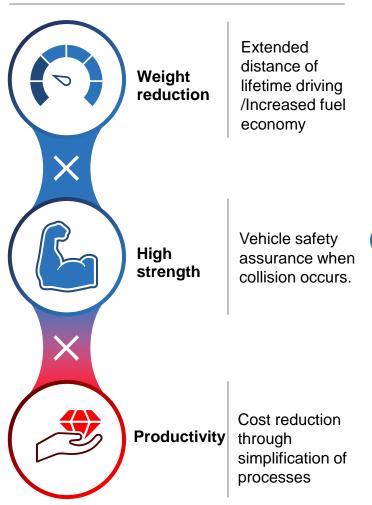
High performance additives with a strong patent network Possession of competitive additives Design capability to combine various raw materials to achieve the Electrolyte design capability to meet battery characteristics required by our customers. customer needs Customer relations Anticipating needs from the development stage for capturing the innovation cycle **Vehicles** Electrolyte Battery + -MITSUBISHI CHEMICAL GROUP development requirement requirement characteristics characteristics Advanced High Energy Hi-Ni cathode developing • Si anode density products that meet Fast charge High voltage customer needs Low cost design Collaboration with cathode and

anode material manufacturer

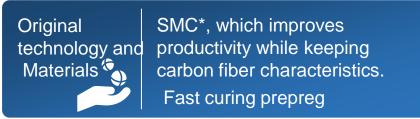
Carbon Fiber Composite Materials | Entering Target Markets with Unique Materials that Combine Lightness and Strength with Productivity



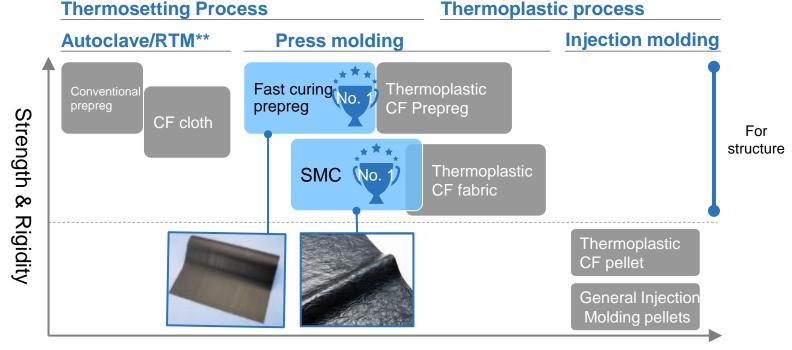




MCG's Strengths







Moldability and mass production

^{*}Sheet Molding Compound

^{**}Resin Transfer Molding

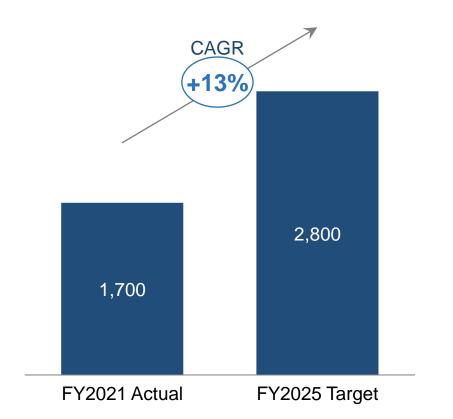
EV/Mobility Business Indicators Summary





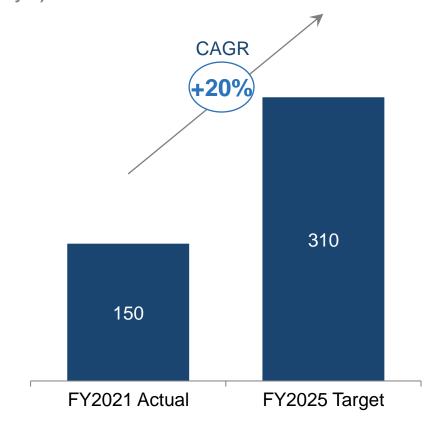
Sales Revenue

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EBITDA

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Industrial, Medical, Consumer goods, Building & Construction etc. Business Indicators Summary





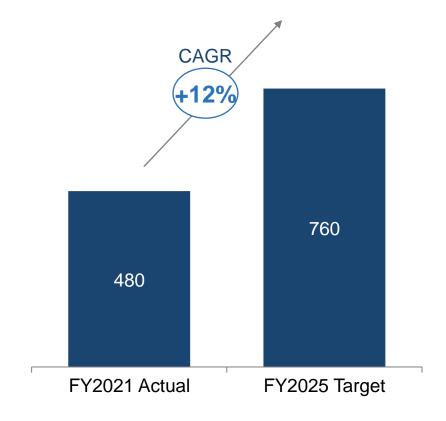
Sales Revenue

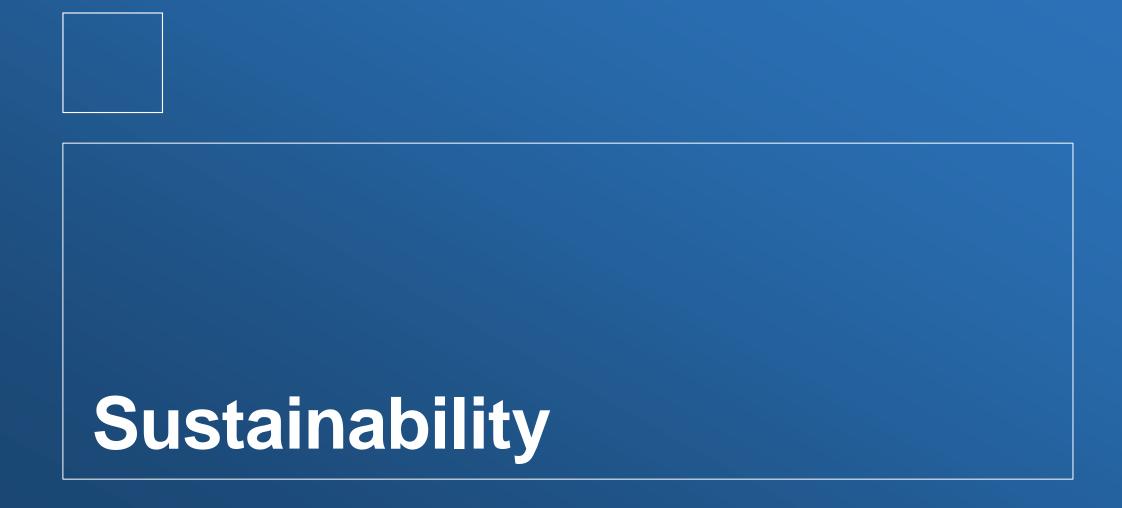
(oku yen)

EBITDA

(oku yen)







Our focus markets in Performance Products





Products to be introduced today

- Cleaning materials & services
- Epoxy
- Black bank materials for OLED
- Light guide plate materials for AR glass

- Sugar esters
- Barrier film for food

- Electrolyte
- Carbon Fiber composite materials

2nd session



Approx. 4,600*

- Recycled and bio-materials
- Product life extension

EVOH

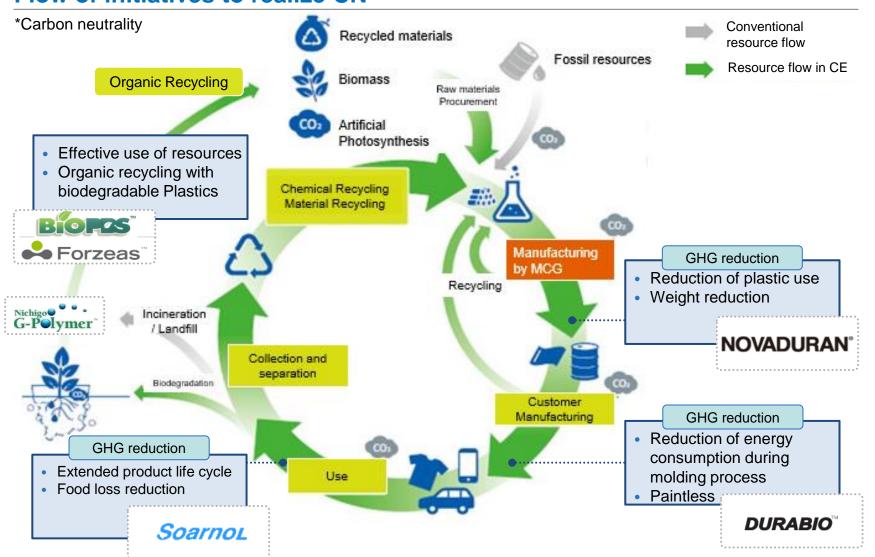
Bio-based polycarbonate

*A portion of revenue is duplicated in each market

MCG Solutions | Creating a Larger Recycling Loop



Flow of initiatives to realize CN*



Steps to realize CN*

Efforts to reduce GHG emissions

 Reduction of plastic usage and weight reduction by high functionality

Realization of the resource circulation model



 The creation of a mechanism based on recycling technology

Contribution to the realization of CN

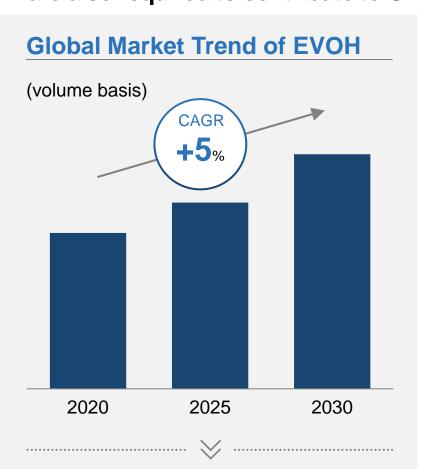


- Development of manufacturing process with low environmental impact
- Utilization of biomass feedstock and sustainable resources

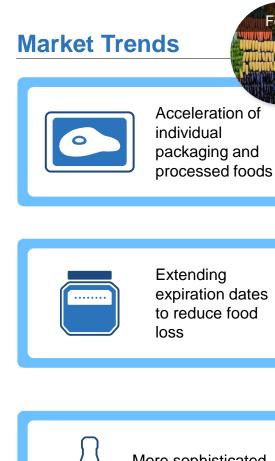
EVOH's Perceptions of the Market Environment

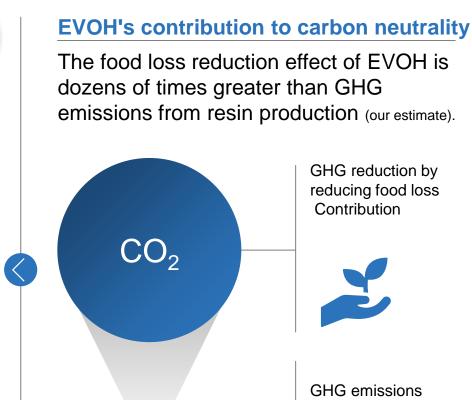


In addition to population growth and growing awareness of food loss reduction, packaging materials are also required to contribute to GHG reduction



Further growth is expected in the future by contributing to the circular economy.





from EVOH production

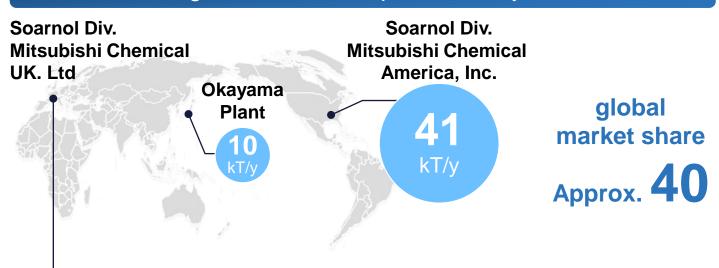
More sophisticated freshness-retaining packaging materials

EVOH | Maintain and enhance global presence by expanding production capacity in Europe



MCG's supply system

Establish a global 90,000-ton production system in 2025





Soarnol TM



MCG's Strengths

- Molecular and formulation design technology for compatibilization
- Recycled certified by European institutions
 - Multilayer olefin film containing the recycling aid Soaresin™ added to Soarnol™.
 - Institute Cycle-HTP GmbH
 Recycle Certification from Cycle-HTP GmbH

Institute cyclos-HTP GmbH
Institute for recyclability
and product sustainability

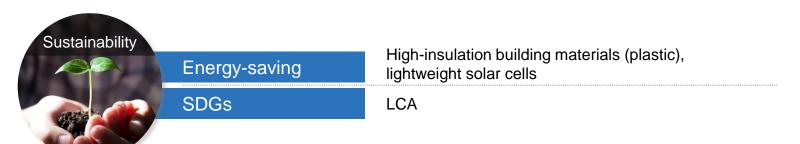
Biopolycarbonate Market Trends



Customer Industry Trends and Needs

EV/Mobility	Conversion to EV	Weight reduction, battery technology, changes in required SPEC
	Autonomous driving	Camera and sensor technology, millimeter wave radar, LiDAR
	Connected	Larger in-vehicle displays and integration with interiors

Folderble	Thinner technology, durability
High-definition	Spread of 4K/8K broadcasting
High speed and high capacity	Terminal and base station upgrading, 5G
Cashless	Terminal, sensor and authentication technologies
	High-definition High speed and high capacity



Polycarbonate Needs

Environ ment-friendly

Low environmental impact materials

Materials with excellent transparency and optical properties

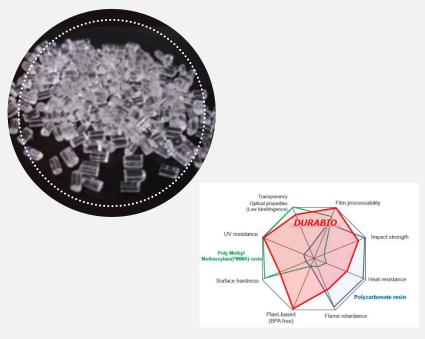
High functionality

Biobased Polycarbonate



Paint-free production streamlines customer manufacturing processes, improves fuel efficiency, and promotes material recycling.

DURABIO TM



- Transparent engineering plastics used for high performance plant-derived material developed by our company
- It has excellent optical properties, lightfastness and surface properties, and can be used as a substitute for glass.

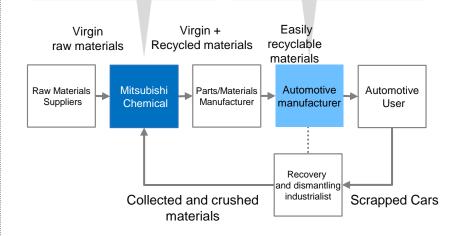
MCG's Strengths

Demand for reduced VOC and GHG emissions due to lighter vehicle bodies and paint-free paint



DURABIO's paint-free production promotes material recycling

- Eliminates the negative effects of the paint layer
- Production of virgin materials
- Manufacturing of recycled materials
- Recycling quality control and assurance
- Providing sustainable car



Today's agenda



15:00 - 15:05	Opening remarks	Jean-Marc Gilson Representative Corporate Executive Officer, President and Chief Executive Officer
15:05 - 16:10	i. Our starting point	Jean-Marc Gilson
	ii. Performance Products – spearhead of implementation	Johei Takimoto Executive Vice President, Head of Advanced Solutions
	iii. Key takeaways and outlook	Hitoshi Sasaki Executive Vice President, Head of Polymers & Compounds / MMA
16:10 - 16:20	Break	

16:20 - 17:20 Q&A session
17:20 - 17:30 Closing remarks

Jean-Marc Gilson

Key messages of today's perspective on Performance Products



Change is happening

- Driving the changes outlined on bring re-focus, accelerate margin growth and cost & cash excellence
- Already seeing successes of our efforts with increased speed after organizational changes have settled

Speed of execution is accelerating

- Set up an Office of Strategic Project Management to drive, track and accelerate the Forging the future transformation
- Bankable plan in development and quick wins identified

Growing profitability first

- Focusing on accelerating top-line growth – but will grow our profitability first
- Will grow absolute EBITDA and margin to create value for our shareholders

Driving the change sustainably

 Pursuing change management and capability building throughout the organization

Outlook – what we will show in February 2023



- Comprehensive Forging the future implementation roadmap along the key strategic priorities for MCG overall
- Holistic financial performance view on MCG and all businesses
- Detailed bankable plan for productivity improvements and cost reductions
- Quick wins already implemented
- Description of cultural shift under way