# Roadmap to a Carbon Neutral Society (Established in October 2021)

There is an urgent need for decarbonization initiatives in response to global climate change. The MC Group will continue to fulfill its responsibility as an active player in industries including resources and energy by continuing to provide a stable supply of energy, such as natural gas, while working to achieve a carbon neutral society.



**Greenhouse Gas Reduction Targets** 

Halve by FY2030, Net Zero by 2050



By FY2030

Approx. 2 trillion yen of EX-related investment



## Integrated EX/DX initiatives to "Create a New Future"

## Greenhouse Gas Reduction Targets

Net zero greenhouse gas (GHG) emissions by 2050, and a new FY2030 target with a detailed reduction plan. Emissions halved by FY2030 through portfolio replacement driven predominantly by divestment of thermal power assets.

### Greenhouse Gas Reduction Targets

## Halve by FY2030 (FY2020 baseline)

We will utilize every means available, aiming to reduce total emissions to a level consistent with the Paris Agreement, including by replacing assets and by switching operations to renewable energy and alternative fuels.

### 25.30 MMTCO2e\*1

## Portfolio Replacement

Divestment of thermal power and other assets

### Procurement of Renewable Energy

• For mines, production facilities and distribution networks

#### Impact of Energy Savings / DX

- Systems to support energy savings, virtual power plants
- Supply chain optimization

### Fuel Switching, etc.

• Hydrogen and ammonia co-firing in thermal power plants

#### Greenhouse Gas Reduction Targets

## Net Zero by 2050

We aim to achieve a Paris-aligned target of net zero by 2050 by leveraging our collective capabilities to drive industrial transformation, as well as by embracing new technologies and innovation.



FY2020 (baseline) \*2

FY2030 Target

2050 Target

<sup>\*1</sup> The above figures represent the Scope 1 and Scope 2 emissions of MC and its consolidated companies, including affiliates, based on the equity share approach (for details, refer to https://mitsubishicory disclosure.site/en/themes/113#971).

<sup>\*\*</sup>PY2020 is set as the new baseline, as it provides the most accurate affiliate data that was previously unavailable, e.g. Scope 2 market-based method emissions. The data are currently under detailed examination and may be subject to minor revisions. The data are currently under detailed examination and may be subject to minor revisions. The data are currently under detailed examination and may be subject to minor revisions. The data are currently under detailed examination and may be subject to minor revisions. The data are currently under detailed examination and may be subject to minor revisions.

<sup>•</sup> Management and disclosure of Scope 3 emissions of particularly large emission categories, including those of affiliated companies' emissions as described in \*1 above, will be considered in tandem with future international debate and frameworks.
• The specific reduction plan and measures for the GHG emissions reduction targets will be adjusted as required in line with progress of technological developments, economic viability and policy/institutional support.