

Guideline Content Indices

GRI Content Index

This report is prepared with reference to the GRI Sustainability Reporting Standards 2016/2018.

Note: We refer to JFE GROUP REPORT 2020 (Integrated Report), Securities Report from April 1, 2019 to March 31, 2020) and Corporate Governance Report as of June 21, 2020.

GRI 102: General Disclosures 2016

| Disclosure | | Pages | |
|----------------------------------|--|--|--|
| | | CSR Report | Other Reports |
| 1. Organizational profile | | | |
| 102-1 | Name of the organization | - | ▶ Overview of JFE Holdings (https://www.jfe-holdings.co.jp/en/company/info/index.html) |
| 102-2 | Activities, brands, products, and services | - | JFE GROUP REPORT (Integrated Report): p.17-20 |
| 102-3 | Location of headquarters | - | ▶ Overview of JFE Holdings (https://www.jfe-holdings.co.jp/en/company/info/index.html) |
| 102-4 | Location of operations | - | ▶ About JFE Group (https://www.jfe-holdings.co.jp/en/company/g-about/index.html) |
| 102-5 | Ownership and legal form | - | ▶ Overview of JFE Holdings (https://www.jfe-holdings.co.jp/en/company/info/index.html) |
| 102-6 | Markets served | - | ▶ Overview of JFE Holdings (https://www.jfe-holdings.co.jp/en/company/info/index.html) ▶ About JFE Group (https://www.jfe-holdings.co.jp/en/company/g-about/index.html) |
| 102-7 | Scale of the organization | ▶ Social Data (P. 187) | JFE GROUP REPORT (Integrated Report): pp.15-16, pp.31-32, pp.33-41, p.98 |
| 102-8 | Information on employees and other workers | ▶ Social Data (P. 187) | JFE GROUP REPORT (Integrated Report): p.96 |
| 102-9 | Supply chain | ▶ JFE Group Value Chain (P. 6) | - |
| 102-10 | Significant changes to the organization and its supply chain | Not applicable | - |
| 102-11 | Precautionary Principle or approach | ▶ Environmental Management (P. 39) ▶ JFE Group's Response to the TCFD (P. 74) ▶ Risk Management (P. 161) | - |

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| 102-12 | External initiatives | <ul style="list-style-type: none"> ▶ Steel Industry Initiatives (P. 90) ▶ Biodiversity (P. 106) ▶ Human Rights (P. 135) ▶ Community (P. 138) | - |
| 102-13 | Membership of associations | <ul style="list-style-type: none"> ▶ Steel Industry Initiatives (P. 90) | - |
| 2. Strategy | | | |
| 102-14 | Statement from senior decision-maker | <ul style="list-style-type: none"> ▶ Message from the CEO (P. 1) | - |
| 102-15 | Key impacts, risks, and opportunities | <ul style="list-style-type: none"> ▶ Message from the CEO (P. 1) ▶ JFE Group Value Chain (P. 6) ▶ Material CSR Issues (P. 22) ▶ JFE Group's Response to the TCFD (P. 74) | - |
| 3. Ethics and integrity | | | |
| 102-16 | Values, principles, standards, and norms of behavior | <ul style="list-style-type: none"> ▶ Corporate Vision/Business Conduct (P. 4) | - |
| 102-17 | Mechanisms for advice and concerns about ethics | <ul style="list-style-type: none"> ▶ Compliance (including Anti-corruption) (P. 158) | JFE GROUP REPORT (Integrated Report): p.93 |
| 4. Governance | | | |
| 102-18 | Governance structure | <ul style="list-style-type: none"> ▶ Corporate Governance (P. 149) | - |
| 102-19 | Delegating authority | <ul style="list-style-type: none"> ▶ CSR Structure (P. 29) | - |
| 102-20 | Executive-level responsibility for economic, environmental, and social topics | <ul style="list-style-type: none"> ▶ CSR Structure (P. 29) | - |
| 102-21 | Consulting stakeholders on economic, environmental, and social topics | <ul style="list-style-type: none"> ▶ CSR Structure (P. 29) ▶ Compliance (including Anti-corruption) (P. 158) | - |
| 102-22 | Composition of the highest governance body and its committees | <ul style="list-style-type: none"> ▶ Corporate Governance (P. 149) | JFE GROUP REPORT (Integrated Report): pp.83-84, pp.85-88 |
| 102-23 | Chair of the highest governance body | - | Corporate Governance Report: p.7 |
| 102-24 | Nominating and selecting the highest governance body | <ul style="list-style-type: none"> ▶ Corporate Governance (P. 149) | JFE GROUP REPORT (Integrated Report): pp.86-88 |
| 102-25 | Conflicts of interest | <ul style="list-style-type: none"> ▶ Corporate Governance (P. 149) | Corporate Governance Report: p.2 |
| 102-26 | Role of highest governance body in setting purpose, values, and strategy | - | - |
| 102-27 | Collective knowledge of highest governance body | - | - |

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| 102-28 | Evaluating the highest governance body's performance | ▶ Corporate Governance (P. 149) | - |
| 102-29 | Identifying and managing economic, environmental, and social impacts | ▶ CSR Structure (P. 29) ▶ Environmental Management (P. 39) | - |
| 102-30 | Effectiveness of risk management processes | ▶ Risk Management (P. 161) | - |
| 102-31 | Review of economic, environmental, and social topics | ▶ CSR Structure (P. 29) | - |
| 102-32 | Highest governance body's role in sustainability reporting | ▶ CSR Structure (P. 29) | - |
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| 102-34 | Nature and total number of critical concerns | ▶ Compliance (including Anti-corruption) (P. 158) | - |
| 102-35 | Remuneration policies | ▶ Corporate Governance (P. 149) | JFE GROUP REPORT (Integrated Report): pp.88-89 |
| 102-36 | Process for determining remuneration | ▶ Corporate Governance (P. 149) | JFE GROUP REPORT (Integrated Report): pp.88-89 |
| 102-37 | Stakeholders' involvement in remuneration | - | - |
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| 102-41 | Collective bargaining agreements | - | - |
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| 102-43 | Approach to stakeholder engagement | ▶ CSR Structure (P. 29) | - |
| 102-44 | Key topics and concerns raised | ▶ Third-part Comments (P. 204) | - |
| 6. Reporting practice | | | |
| 102-45 | Entities included in the consolidated financial statements | ▶ Editorial Policy (P. 207) | - |
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| 102-48 | Restatements of information | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 102-49 | Changes in reporting | ▶ Editorial Policy (P. 207) | - |
| 102-50 | Reporting period | ▶ Editorial Policy (P. 207) | - |
| 102-51 | Date of most recent report | ▶ Editorial Policy (P. 207) | - |
| 102-52 | Reporting cycle | ▶ Editorial Policy (P. 207) | - |
| 102-53 | Contact point for questions regarding the report | ▶ Submit Comments on the JFE Group CSR Report (Japanese Only) (https://www.jfe-holdings.co.jp/csr/pdf/form_er2020j.html) | ▶ Contact Us (https://www.jfe-holdings.co.jp/en/contact.html) |
| 102-54 | Claims of reporting in accordance with the GRI Standards | Reference | - |
| 102-55 | GRI content index | This table | - |
| 102-56 | External assurance | ▶ Independent Assurance Statement (P. 197) | - |

GRI103 : Management Approach 2016

| Disclosure | | Pages | |
|--------------------------------------|--|--|-------------------------|
| | | Report | Environmental Data Book |
| GRI- 103: Management Approach | | | |
| 103-1 | Explanation of the material topic and its Boundary | ▶ Material CSR Issues (P. 22) | - |
| 103-2 | The management approach and its components | <ul style="list-style-type: none"> ▶ Material CSR Issues (P. 22) ▶ CSR Structure (P. 29) ▶ Supply Chain Management (P. 37) ▶ Environmental Management (P. 39) ▶ Climate Change (P. 63) ▶ JFE Group's Response to the TCFD (P. 74) ▶ Prevention of Pollution (P. 95) ▶ Efficient Use of Resources (P. 100) ▶ Water Security (P. 103) ▶ Biodiversity (P. 106) ▶ Customer Responsibility (P. 111) ▶ Occupational Health and Safety (P. 117) ▶ Labor Standards (P. 124) | - |
| 103-3 | Evaluation of the management approach | | - |

GRI200: Economic topics

| Disclosure | | Pages | |
|---|--|--|---|
| | | CSR Report | Other Reports |
| GRI- 201: Economic Performance 2016 | | | |
| 201-1 | Direct economic value generated and distributed | <ul style="list-style-type: none"> ▶ Environmental Management (P. 39) ▶ Community (P. 138) | Securities Report: pp.2-3 (Transition of Key Management Indicators, etc.), p.14 (Status of Employees), p.50 (Dividend Policy), p.84 (Consolidated Income Statement) |
| 201-2 | Financial implications and other risks and opportunities due to climate change | <ul style="list-style-type: none"> ▶ JFE Group's Response to the TCFD (P. 74) ▶ Environmental Management (P. 39) | - |
| 201-3 | Defined benefit plan obligations and other retirement plans | - | Securities Report: p.127(Postemployment Benefits) |
| 201-4 | Financial assistance received from government | - | - |
| GRI- 202: Market Presence 2016 | | | |
| 202-1 | Ratios of standard entry level wage by gender compared to local minimum wage | - | - |
| 202-2 | Proportion of senior management hired from the local community | - | - |
| GRI- 203: Indirect Economic Impacts 2016 | | | |
| 203-1 | Infrastructure investments and services supported | <ul style="list-style-type: none"> ▶ Environmental Management (P. 39) ▶ Community (P. 138) | - |
| 203-2 | Significant indirect economic impacts | <ul style="list-style-type: none"> ▶ Message from the CEO (P. 1) ▶ JFE Group Value Chain (P. 6) ▶ Material CSR Issues (P. 22) | - |
| GRI- 204: Procurement Practices 2016 | | | |
| 204-1 | Proportion of spending on local suppliers | - | - |
| GRI- 205: Anti-corruption 2016 | | | |
| 205-1 | Operations assessed for risks related to corruption | - | - |
| 205-2 | Communication and training about anti-corruption policies and procedures | ▶ Compliance (including Anti-corruption) (P. 158) | - |
| 205-3 | Confirmed incidents of corruption and actions taken | - | - |

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GRI-206 : Anti-competitive Behavior 2016

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| 206-1 | Legal actions for anti-competitive behavior, anti-trust, and monopoly practices | - | - |
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GRI300: Environmental topics

| Disclosure | | Pages | |
|-------------------------------|--|---|---------------|
| | | CSR Report | Other Reports |
| GRI-301:Materials 2016 | | | |
| 301-1 | Materials used by weight or volume | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Environmental Data (P. 165) | - |
| 301-2 | Recycled input materials | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Efficient Use of Resources (P. 100) ▶ Environmental Data (P. 165) | - |
| 301-3 | Reclaimed products and their packaging | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Efficient Use of Resources (P. 100) ▶ Environmental Data (P. 165) | - |
| GRI-302 : Energy 2016 | | | |
| 302-1 | Energy consumption within | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 302-2 | Energy consumption outside of the organization | - | - |
| 302-3 | Energy intensity | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 302-4 | Reduction of energy consumption | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 302-5 | Reductions in energy requirements of products and services | <ul style="list-style-type: none"> ▶ Steel Industry Initiatives (P. 90) | - |
| GRI-303: Water 2018 | | | |
| 303-1 | Interactions with water as a shared resources | <ul style="list-style-type: none"> ▶ Water Security (P. 103) | - |
| 303-2 | Management of water dischargerelated impacts | <ul style="list-style-type: none"> ▶ Prevention of Pollution (P. 95) ▶ Environmental Data (P. 165) | - |
| 303-3 | Water withdrawal | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Water Security (P. 103) ▶ Environmental Data (P. 165) | - |

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| 303-4 | Water discharge | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Environmental Data (P. 165) | - |
| 303-5 | Water consumption | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Water Security (P. 103) ▶ Environmental Data (P. 165) | - |
| GRI- 304: Biodiversity 2016 | | | |
| 304-1 | Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas | - | - |
| 304-2 | Significant impacts of activities, products, and services on biodiversity | ▶ Biodiversity (P. 106) | - |
| 304-3 | Habitats protected or restored | - | - |
| 304-4 | IUCN Red List species and national conservation list species with habitats in areas affected by operations | - | - |
| GRI-305: Emissions 2016 | | | |
| 305-1 | Direct (Scope 1) GHG emissions | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 305-2 | Energy indirect (Scope 2) GHG emissions | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 305-3 | Other indirect (Scope 3) GHG emissions | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 305-4 | GHG emissions intensity | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 305-5 | Reduction of GHG emissions | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) | - |
| 305-6 | Emissions of ozone-depleting substances (ODS) | - | - |
| 305-7 | Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Prevention of Pollution (P. 95) ▶ Environmental Data (P. 165) | - |
| GRI- 306: Effluents and Waste | | | |
| 306-1 | Water discharge by quality and destination | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Environmental Data (P. 165) | - |
| 306-2 | Waste by type and disposal method | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Efficient Use of Resources (P. 100) ▶ Environmental Data (P. 165) | - |
| 306-3 | Significant spills | Not applicable | - |

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| 306-4 | Transport of hazardous waste | - | - |
| 306-5 | Water bodies affected by water discharges and/or runoff | - | - |
| GRI- 307: Environmental Compliance 2016 | | | |
| 307-1 | Non-compliance with environmental laws and regulations | ▶ Environmental Management (P. 39) | - |
| GRI- 308: Supplier Environmental Assessment 2016 | | | |
| 308-1 | New suppliers that were screened using environmental criteria | - | - |
| 308-2 | Negative environmental impacts in the supply chain and actions taken | - | - |

GRI400: Social topics

| Disclosure | Pages | | |
|--|--|--|---|
| | CSR Report | Other Reports | |
| GRI- 401: Employment 2016 | | | |
| 401-1 | New employee hires and employee turnover | ▶ Labor Standards (P. 124) ▶ Social Data (P. 187) | - |
| 401-2 | Benefits provided to full-time employees that are not provided to temporary or part-time employees | - | - |
| 401-3 | Parental leave | ▶ Social Data (P. 187) | - |
| GRI- 402: Labor/Management Relations 2016 | | | |
| 402-1 | Minimum notice periods regarding operational changes | - | - |
| GRI- 403: Occupational Health and Safety 2018 | | | |
| 403-1 | Occupational health and safety management system | ▶ Occupational Health and Safety (P. 117) | - |
| 403-2 | Hazard identification, risk assessment, and incident investigation | ▶ Occupational Health and Safety (P. 117) | - |
| 403-3 | Occupational health services | ▶ Occupational Health and Safety (P. 117) | - |

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| 403-4 | Worker participation, consultation, and communication on occupational health and safety | ▶ Occupational Health and Safety (P. 117) | - |
| 403-5 | Worker training on occupational health and safety | ▶ Occupational Health and Safety (P. 117) | - |
| 403-6 | Promotion of worker health | ▶ Occupational Health and Safety (P. 117) | - |
| 403-7 | Prevention and mitigation of occupational health and safety impacts directly linked by business relationships | ▶ Occupational Health and Safety (P. 117) | - |
| 403-8 | Workers covered by an occupational health and safety management system | - | - |
| 403-9 | Work-related injuries | ▶ Social Data (P. 187) | - |
| 403-10 | Work-related ill health | ▶ Occupational Health and Safety (P. 117) | - |
| GRI- 404: Training and Education 2016 | | | |
| 404-1 | Average hours of training per year per employee | - | - |
| 404-2 | Programs for upgrading employee skills and transition assistance programs | ▶ Labor Standards (P. 124) | - |
| 404-3 | Percentage of employees receiving regular performance and career development reviews | - | - |
| GRI-405: Diversity and Equal Opportunity 2016 | | | |
| 405-1 | Diversity of governance bodies and employees | ▶ Labor Standards (P. 124) ▶ Social Data (P. 187) | - |
| 405-2 | Ratio of basic salary and remuneration of women to men | - | - |
| GRI- 406: Non-discrimination 2016 | | | |
| 406-1 | Incidents of discrimination and corrective actions taken | - | - |

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| GRI- 407: Freedom of Association and Collective Bargaining 2016 | | | |
|---|--|---|---|
| 407-1 | Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk | - | - |
| GRI- 408: Child Labor 2016 | | | |
| 408-1 | Operations and suppliers at significant risk for incidents of child labor | - | - |
| GRI- 409: Forced or Compulsory Labor 2016 | | | |
| 409-1 | Operations and suppliers at significant risk for incidents of forced or compulsory labor | - | - |
| GRI- 410: Security Practices 2016 | | | |
| 410-1 | Security personnel trained in human rights policies or procedures | - | - |
| GRI- 411: Rights of Indigenous Peoples 2016 | | | |
| 411-1 | Incidents of violations involving rights of indigenous peoples | - | - |
| GRI- 412: Human Rights Assessment 2016 | | | |
| 412-1 | Operations that have been subject to human rights reviews or impact assessments | - | - |
| 412-2 | Employee training on human rights policies or procedures | ▶ Human Rights (P. 135) | - |
| 412-3 | Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening | - | - |
| GRI- 413: Local Communities 2016 | | | |
| 413-1 | Operations with local community engagement, impact assessments, and development programs | ▶ Community (P. 138) | - |

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| 413-2 | Operations with significant actual and potential negative impacts on local communities | Not applicable | - |
| GRI- 414: Supplier Social Assessment 2016 | | | |
| 414-1 | New suppliers that were screened using social criteria | - | - |
| 414-2 | Negative social impacts in the supply chain and actions taken | ▶ JFE Group Value Chain (P. 6) | - |
| GRI- 415: Public Policy 2016 | | | |
| 415-1 | Political contributions | - | - |
| GRI- 416: Customer Health and Safety 2016 | | | |
| 416-1 | Assessment of the health and safety impacts of product and service categories | ▶ Customer Responsibility (P. 111) | - |
| 416-2 | Incidents of non-compliance concerning the health and safety impacts of products and services | - | - |
| GRI- 417: Marketing and Labeling 2016 | | | |
| 417-1 | Requirements for product and service information and labeling | - | - |
| 417-2 | Incidents of non-compliance concerning product and service information and labeling | Not applicable | - |
| 417-3 | Incidents of non-compliance concerning marketing communications | - | - |
| GRI- 418: Customer Privacy 2016 | | | |
| 418-1 | Substantiated complaints concerning breaches of customer privacy and losses of customer data | - | - |
| GRI- 419: Socioeconomic Compliance 2016 | | | |
| 419-1 | Non-compliance with laws and regulations in the social and economic area | - | - |

Comparison with Environmental Reporting Guidelines 2018 (Ministry of the Environment, Japan)

Chapter 1: Basic Information of Environmental Reporting

| Items | Contents |
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| 1. Basic requirements for environmental reporting | |
| (1) Boundary | ▶ Editorial Policy (P. 207) |
| (2) Reporting period | ▶ Editorial Policy (P. 207) |
| (3) Reporting standards and guidelines | ▶ Editorial Policy (P. 207) ▶ Guideline Content Indices (P. 210) |
| (4) Overview of the environmental report | ▶ Editorial Policy (P. 207) |
| 2. Trends in key performance indicators | |
| (1) Trends in major performance indicators | ▶ Material CSR Issues of the JFE Group (P. 22) |

Chapter 2: Items to Be Included in Environmental Reporting

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| 1. Top Management Commitments | |
| (1) Top management commitments to the JFE Group's response to material environmental issues | ▶ Message from the CEO (P. 1) |
| 2. Governance | |
| (1) JFE Group governance structure | ▶ CSR Structure (P. 29) |
| (2) Manager responsible for material environmental issues | ▶ Environmental Management (P. 39) ▶ JFE Group's Response to the TCFD (P. 74) |
| (3) Roles of the board of directors and board of executive officers in the management of material environmental issues | ▶ Environmental Management (P. 39) ▶ JFE Group's Response to the TCFD (P. 74) |
| 3. Stakeholder Engagement | |
| (1) Corporate policies to stakeholders | ▶ Environmental Management (P. 39) |
| (2) Overview of stakeholder engagement activities conducted in the reporting period | ▶ JFE Group Value Chain (P. 6) ▶ Environmental Communication (P. 109) ▶ CSR Structure (P. 29) |
| 4. Risk Management | |
| (1) Environment-related risk identification, assessment, and management processes | ▶ CSR Structure (P. 29) ▶ JFE Group's Response to the TCFD (P. 74) ▶ Risk Management (P. 161) |
| (2) Positioning of the above processes in the JFE Group's overall risk management | ▶ CSR Structure (P. 29) ▶ Risk Management (P. 161) |

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| 5. Business Model | |
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| (1) JFE Group business model | <ul style="list-style-type: none"> ▶ JFE Group Value Chain (P. 6) JFE GROUP REPORT (Integrated Report): pp.17-20 |
| 6. Value Chain Management | |
| (1) Value chain overview | <ul style="list-style-type: none"> ▶ JFE Group Value Chain (P. 6) |
| (2) Green procurement policy, objectives, and results | <ul style="list-style-type: none"> ▶ Supply Chain Management (P. 37) |
| (3) Status of eco-friendly products and services | <ul style="list-style-type: none"> ▶ Development and Provision of Eco-friendly Processes and Products (P. 46) |
| 7. Long-term Vision | |
| (1) Long-term vision | <ul style="list-style-type: none"> ▶ Message from the CEO (P. 1) ▶ Climate Change (P. 63) ▶ JFE Group's Response to the TCFD (P. 74) |
| (2) Time period covered by the long-term vision | <ul style="list-style-type: none"> ▶ Message from the CEO (P. 1) ▶ Climate Change (P. 63) ▶ JFE Group's Response to the TCFD (P. 74) |
| (3) Reasons why that time period was selected | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ JFE Group's Response to the TCFD (P. 74) |
| 8. Strategy | |
| (1) JFE Group business strategy for contributing to the achievement of a sustainable society | <ul style="list-style-type: none"> ▶ Message from the CEO (P. 1) ▶ Material CSR Issues (P. 22) ▶ JFE Group's Response to the TCFD (P. 74) ▶ Steel Industry Initiatives (P. 90) |
| 9. Methodology for Identifying Material Environmental Issues | |
| (1) Procedure by which the JFE Group identified its material environmental issues | <ul style="list-style-type: none"> ▶ Material CSR Issues (P. 22) ▶ JFE Group's Response to the TCFD (P. 74) |
| (2) List of identified material environmental issues | <ul style="list-style-type: none"> ▶ Material CSR Issues (P. 22) ▶ JFE Group's Response to the TCFD (P. 74) |
| (3) Reasons that the identified environmental issues were judged material | <ul style="list-style-type: none"> ▶ Material CSR Issues (P. 22) ▶ JFE Group's Response to the TCFD (P. 74) |
| (4) Boundaries of the material environmental issues | <ul style="list-style-type: none"> ▶ JFE Group Value Chain (P. 6) ▶ Material CSR Issues (P. 22) ▶ JFE Group's Response to the TCFD (P. 74) |

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| 10. JFE Group Material Environmental Issues | |
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| (1) Policies and/or action plans | <ul style="list-style-type: none"> ▶ Corporate Vision/Business Conduct (P. 4) ▶ JFE Group Value Chain (P. 6) ▶ Material CSR Issues (P. 22) ▶ JFE Group's Response to the TCFD (P. 74) |
| (2) Targets and results of policies/action plans based on performance indicators | <ul style="list-style-type: none"> ▶ Material CSR Issues (P. 22) ▶ CSR Structure (P. 29) |
| (3) Methodologies used for calculating each performance indicator | <ul style="list-style-type: none"> ▶ Material CSR Issues (P. 22) |
| (4) Aggregation scope of data for each performance indicator | <ul style="list-style-type: none"> ▶ Material CSR Issues (P. 22) ▶ Editorial Policy (P. 207) |
| (5) Financial impact of risks and opportunities, and calculation methodologies if the financial impact is significant | <ul style="list-style-type: none"> ▶ Environmental Management (P. 39) ▶ JFE Group's Response to the TCFD (P. 74) ▶ Environmental Data (P. 165) |
| (6) Assurance report by an independent third party | <ul style="list-style-type: none"> ▶ Independent Assurance Statement (P. 197) |

| Reference: Major Environmental Issues and Their Performance Indicators | |
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| Items | Contents |
| 1. Climate Change | |
| Greenhouse Gas Emissions | |
| (1) Scope 1 emissions | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) |
| (2) Scope 2 emissions | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) |
| (3) Scope 3 emissions | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) |
| Emission Intensity | |
| (1) Greenhouse gas emission intensity | <ul style="list-style-type: none"> ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) |
| Energy Usage | |
| (1) Breakdown of energy usage and overall energy usage | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Climate Change (P. 63) ▶ Environmental Data (P. 165) |
| (2) Renewable energy usage as a percentage of overall energy usage | - |

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| 2. Water Resources | |
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| (3) Water discharge | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Environmental Data (P. 165) |
| (4) Status of water stress | ▶ Water Security (P. 103) |
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| (1) Impact of business activities on biodiversity | ▶ Biodiversity (P. 106) |
| (2) Status and extent of the dependency of the JFE Group's business activities on biodiversity | ▶ Biodiversity (P. 106) |
| (3) Business activities that contribute to biodiversity conservation | ▶ Biodiversity (P. 106) |
| (4) Status of cooperation with external stakeholders | ▶ Biodiversity (P. 106) |
| 4. Resource Circulation | |
| Resource Inputs | |
| (1) Volume of nonrenewable resource inputs | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Environmental Data (P. 165) |
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| (4) Rate of recycled and reused resources(= volume of recycled materials used/ volume of resource inputs) | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Efficient Use of Resources (P. 100) ▶ Environmental Data (P. 165) |
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| (1) Total production of waste | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Efficient Use of Resources (P. 100) ▶ Environmental Data (P. 165) |
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| (3) Volume of chemical substances transferred | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Prevention of Pollution (P. 95) ▶ Environmental Data (P. 165) |
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| (1) Status of legal compliance | ▶ Environmental Management (P. 39) |
| Air quality conservation | |
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| (1) Water pollution load, emission concentration in emissions regulations | <ul style="list-style-type: none"> ▶ Material Flow (P. 61) ▶ Prevention of Pollution (P. 95) ▶ Environmental Data (P. 165) |
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TCFD Content Index

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| <p>【Governance】 Disclose the organization’s governance around climate-related risks and opportunities.</p> | <p>a. Describe the board’s oversight of climate-related risks and opportunities</p> <p>b. Describe management’s role in assessing and managing climate-related risks and opportunities</p> | <ul style="list-style-type: none"> ▶ Corporate Governance (P. 149) ▶ Risk Management (P. 161) ▶ Climate Change (JFE Group’s Response to the TCFD : Governance) (P. 75) |
| <p>【Strategy】 Disclose the actual and potential impacts of climate-related risks and opportunities on the organization’s businesses, strategy and financial planning where such information is material.</p> | <p>a. Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term</p> <p>b. Describe the impact of climate-related risks and opportunities on the organization’s businesses, strategy, and financial planning</p> <p>c. Describe the resilience of the organization’s strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario</p> | <ul style="list-style-type: none"> ▶ JFE Group Value Chain (P. 6) ▶ Climate Change (The JFE Group’s Medium- to Long-term Vision) (P. 63) ▶ Climate Change (JFE Group’s Response to the TCFD : Strategies) (P. 76) |
| <p>【Risk Management】 Disclose how the organization identifies, assesses, and manages climate-related risks.</p> | <p>a. Describe the organization’s processes for identifying and assessing climate-related risks</p> <p>b. Describe the organization’s processes for managing climate-related risks</p> <p>c. Describe how processes for identifying, assessing and managing climate-related risks are integrated into the organization’s overall risk management</p> | <ul style="list-style-type: none"> ▶ Risk Management (P. 161) ▶ Environmental Management (P. 39) ▶ Climate Change (JFE Group’s Response to the TCFD : Risk Management) (P. 87) |

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|--|---|---|
| <p>【Metrics and Targets】 Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.</p> | <p>a. Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process</p> | <ul style="list-style-type: none"> ▶ Material CSR Issues (KPIs for Material CSR Issues) (P. 26) ▶ Climate Change (JFE Group's Response to the TCFD : Metrics and Targets) (P. 88) |
| | <p>b. Disclose Scopes 1 and 2 and, if appropriate, Scope 3 greenhouse gas (GHG) emissions and related risks</p> | <ul style="list-style-type: none"> ▶ Climate Change (CO₂ Emissions of the JFE Group) (P. 63) ▶ Environmental Data (P. 165) |
| | <p>c. Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets</p> | <ul style="list-style-type: none"> ▶ Material CSR Issues (KPIs for Material CSR Issues) (P. 26) ▶ Climate Change (The JFE Group's Medium- to Long-term Vision) (P. 63) ▶ Climate Change (JFE Group's Response to the TCFD : Metrics and Targets) (P. 88) |