## The process

An ESG ontology is a structured representation of knowledge about ESG issues, which can help to organize and categorize information in a meaningful way. Here are some steps you can follow to create an ESG ontology:

1. Define your scope and goals: Start by clarifying what you want to achieve with your ESG ontology and the scope of the information you want to include. For example, you might want to focus on a specific industry or geographic region, or you might want to include information on a specific set of ESG issues.
2. Identify key ESG concepts: Next, identify the key ESG concepts and categories that you want to include in your ontology. This might include factors such as carbon emissions, labor practices, and corporate governance.
3. Determine relationships between concepts: Once you have identified the key ESG concepts, determine the relationships between them. For example, you might want to define relationships such as "is a type of" or "is related to".
4. Define classes and properties: Use the relationships between ESG concepts to define classes and properties within your ontology. Classes can represent the main ESG categories (e.g., environmental, social, governance), while properties can represent the specific ESG factors within each category (e.g., carbon emissions, labor practices).
5. Populate the ontology with data: Once you have defined the structure of your ESG ontology, you can populate it with data and information about specific companies or organizations. This might include information on their ESG policies, practices, and performance.
6. Refine and maintain the ontology: Finally, continuously refine and maintain your ESG ontology as new information becomes available or as your goals and priorities evolve. This might include updating the structure of the ontology, adding new classes and properties, or updating the information stored within it.

Creating an ESG ontology can be a complex and time-consuming process, but it can provide valuable insights and a useful tool for organizing and analyzing ESG information.

## ESG-related classes with description

1. Environmental: This class might include subclasses such as climate change, energy consumption, waste management, and resource use, as well as information on a company's efforts to reduce its environmental impact.
2. Social: This class might include subclasses such as labor practices, human rights, community relations, and health and safety, as well as information on a company's efforts to support diversity and inclusion, and ensure the well-being of its employees and communities.
3. Governance: This class might include subclasses such as executive compensation, board structure, risk management, and anti-corruption practices, as well as information on a company's efforts to promote transparency and accountability, and ensure ethical business practices.
4. Financial: This class might include subclasses such as financial performance, risk management, and debt management, as well as information on a company's financial stability and performance over time.
5. Stakeholder: This class might include subclasses such as shareholders, employees, customers, and suppliers, as well as information on a company's interactions with its various stakeholders and its impact on the wider community.
6. Product & Service: This class might include subclasses such as product safety, product quality, and product sustainability, as well as information on the impact of a company's products and services on the environment and society.
7. Supply Chain: This class might include subclasses such as supplier relations, supplier diversity, and responsible sourcing, as well as information on a company's efforts to ensure ethical and sustainable practices throughout its supply chain.
8. Customer Experience: This class might include subclasses such as customer satisfaction, customer engagement, and customer privacy, as well as information on a company's efforts to provide a positive customer experience and protect customer data.
9. Community Engagement: This class might include subclasses such as community investment, community outreach, and community development, as well as information on a company's efforts to support and engage with the communities in which it operates.
10. Workforce Diversity & Inclusion: This class might include subclasses such as gender diversity, cultural diversity, and diversity of thought, as well as information on a company's efforts to promote a diverse and inclusive workplace.
11. Product & Service: This class might include subclasses such as product safety, product quality, and product sustainability, as well as information on the impact of a company's products and services on the environment and society.
12. Supply Chain: This class might include subclasses such as supplier relations, supplier diversity, and responsible sourcing, as well as information on a company's efforts to ensure ethical and sustainable practices throughout its supply chain.
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14. Community Engagement: This class might include subclasses such as community investment, community outreach, and community development, as well as information on a company's efforts to support and engage with the communities in which it operates.
15. Workforce Diversity & Inclusion: This class might include subclasses such as gender diversity, cultural diversity, and diversity of thought, as well as information on a company's efforts to promote a diverse and inclusive workplace.
16. Employee Health & Safety: This class might include subclasses such as workplace safety, employee health and wellness, and emergency preparedness, as well as information on a company's efforts to protect the health and safety of its employees.
17. Diversity, Equity & Inclusion: This class might include subclasses such as gender diversity, cultural diversity, and diversity of thought, as well as information on a company's efforts to promote a diverse and inclusive workplace.
18. Community Investment: This class might include subclasses such as charitable giving, community development, and community outreach, as well as information on a company's efforts to invest in and support the communities in which it operates.
19. Transparency & Disclosure: This class might include subclasses such as financial reporting, sustainability reporting, and stakeholder engagement, as well as information on a company's efforts to be transparent and disclose information about its ESG practices and performance.
20. Legal & Regulatory Compliance: This class might include subclasses such as environmental regulations, labor laws, and anti-corruption laws, as well as information on a company's compliance with legal and regulatory requirements related to ESG issues.
21. Climate & Energy: This class might include subclasses such as greenhouse gas emissions, energy consumption, and renewable energy, as well as information on a company's efforts to address climate change and promote sustainability.
22. Water Stewardship: This class might include subclasses such as water usage, water management, and water pollution, as well as information on a company's efforts to responsibly manage and conserve water resources.
23. Biodiversity & Ecosystems: This class might include subclasses such as habitat protection, species conservation, and sustainable agriculture, as well as information on a company's efforts to protect biodiversity and promote sustainable ecosystems.
24. Human Rights: This class might include subclasses such as labor rights, human rights, and freedom of speech, as well as information on a company's efforts to respect and promote human rights in its operations and supply chain.
25. Waste & Recycling: This class might include subclasses such as waste reduction, waste management, and recycling, as well as information on a company's efforts to reduce and manage waste in an environmentally responsible manner.
26. Supply Chain Management: This class might include subclasses such as supplier engagement, supplier sustainability, and supply chain transparency, as well as information on a company's efforts to manage and improve the sustainability of its supply chain.
27. Social Impact: This class might include subclasses such as community development, poverty alleviation, and education, as well as information on a company's efforts to create positive social and economic impacts in the communities where it operates.
28. Resource Efficiency: This class might include subclasses such as resource use, resource conservation, and resource optimization, as well as information on a company's efforts to use resources efficiently and minimize waste.
29. Stakeholder Engagement: This class might include subclasses such as stakeholder feedback, stakeholder communication, and stakeholder consultation, as well as information on a company's efforts to engage with and respond to its stakeholders.
30. Environmental Stewardship: This class might include subclasses such as environmental protection, environmental stewardship, and environmental performance, as well as information on a company's efforts to protect and preserve the environment.
31. Supply Chain Management: This class might include subclasses such as supplier engagement, supplier sustainability, and supply chain transparency, as well as information on a company's efforts to manage and improve the sustainability of its supply chain.
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34. Stakeholder Engagement: This class might include subclasses such as stakeholder feedback, stakeholder communication, and stakeholder consultation, as well as information on a company's efforts to engage with and respond to its stakeholders.
35. Environmental Stewardship: This class might include subclasses such as environmental protection, environmental stewardship, and environmental performance, as well as information on a company's efforts to protect and preserve the environment.
36. Employee Well-being: This class might include subclasses such as worker safety, employee health and wellness, and work-life balance, as well as information on a company's efforts to promote the well-being of its employees.
37. Health & Safety: This class might include subclasses such as product safety, workplace safety, and environmental health, as well as information on a company's efforts to ensure the health and safety of its employees, customers, and the communities where it operates.
38. Responsible Investment: This class might include subclasses such as impact investing, sustainable investing, and socially responsible investing, as well as information on a company's investment practices and the alignment of its investments with ESG values.
39. Transparency & Reporting: This class might include subclasses such as ESG reporting, sustainability reporting, and corporate disclosure, as well as information on a company's reporting practices and the transparency of its ESG information.
40. Ethics & Integrity: This class might include subclasses such as ethical behavior, responsible business practices, and anti-corruption, as well as information on a company's ethical standards and its commitment to responsible business practices.
41. Community Engagement: This class might include subclasses such as community outreach, local economic development, and social investment, as well as information on a company's efforts to engage with and positively impact the communities where it operates.
42. Environmental Performance: This class might include subclasses such as emissions reduction, energy efficiency, and resource conservation, as well as information on a company's environmental performance and its efforts to reduce its environmental impact.
43. Social Performance: This class might include subclasses such as diversity and inclusion, human rights, and community development, as well as information on a company's social performance and its efforts to create positive social impacts.
44. Financial Performance: This class might include subclasses such as revenue growth, profitability, and financial stability, as well as information on a company's financial performance and its ability to generate long-term value.
45. Innovation & Technology: This class might include subclasses such as research and development, technological advancement, and product innovation, as well as information on a company's efforts to drive innovation and advance technology in support of its ESG goals.
46. Supply Chain Management: This class might include subclasses such as supplier selection, supplier engagement, and supply chain sustainability, as well as information on a company's efforts to manage its supply chain in a responsible and sustainable manner.
47. Climate Action: This class might include subclasses such as greenhouse gas emissions reduction, renewable energy use, and climate mitigation, as well as information on a company's efforts to address the impact of climate change and support the transition to a low-carbon economy.
48. Biodiversity & Conservation: This class might include subclasses such as species protection, habitat preservation, and ecosystem management, as well as information on a company's efforts to conserve biodiversity and promote sustainable ecosystem management.
49. Human Capital Management: This class might include subclasses such as employee training and development, talent management, and workforce diversity, as well as information on a company's efforts to manage and optimize its human capital to support its ESG goals.
50. Access to Energy: This class might include subclasses such as energy poverty, renewable energy access, and energy justice, as well as information on a company's efforts to ensure access to energy and promote energy equity.
51. Water Management: This class might include subclasses such as water scarcity, water quality, and water stewardship, as well as information on a company's efforts to manage its water use and ensure responsible water stewardship.
52. Responsible Sourcing: This class might include subclasses such as conflict minerals, responsible minerals sourcing, and sustainable sourcing, as well as information on a company's efforts to source materials in a responsible and sustainable manner.
53. Natural Capital Management: This class might include subclasses such as ecosystem services, natural resource management, and biodiversity conservation, as well as information on a company's efforts to manage and conserve natural capital in support of its ESG goals.
54. Climate Resilience: This class might include subclasses such as disaster risk management, climate adaptation, and climate resilience planning, as well as information on a company's efforts to build resilience to the impacts of climate change and minimize its exposure to climate-related risks.
55. Human Rights: This class might include subclasses such as labor rights, human rights impact assessments, and responsible sourcing, as well as information on a company's efforts to respect and promote human rights in its operations and supply chain.
56. Transparency & Disclosure: This class might include subclasses such as ESG reporting, sustainability disclosure, and corporate transparency, as well as information on a company's efforts to be transparent and disclose information on its ESG performance and impact.
57. Product Stewardship: This class might include subclasses such as product lifecycle management, responsible product design, and product sustainability, as well as information on a company's efforts to design, produce, and manage its products in a responsible and sustainable manner.
58. Social Impact: This class might include subclasses such as community engagement, social investment, and stakeholder engagement, as well as information on a company's efforts to positively impact the communities in which it operates and engage with its stakeholders on ESG issues.
59. Environmental Stewardship: This class might include subclasses such as environmental sustainability, resource conservation, and waste management, as well as information on a company's efforts to conserve resources and minimize its environmental impact.
60. Renewable Energy: This class might include subclasses such as wind energy, solar energy, and renewable energy sources, as well as information on a company's efforts to use and support the development of renewable energy sources.
61. Health & Safety: This class might include subclasses such as workplace health and safety, occupational health and safety, and employee well-being, as well as information on a company's efforts to promote the health and safety of its employees and minimize workplace health and safety risks.
62. Circular Economy: This class might include subclasses such as waste reduction, resource efficiency, and closed-loop systems, as well as information on a company's efforts to adopt a circular economy approach and minimize waste and resource use.
63. Sustainability Governance: This class might include subclasses such as sustainability leadership, ESG board committees, and sustainability governance frameworks, as well as information on a company's efforts to ensure effective governance of its sustainability and ESG initiatives.
64. Sustainable Agriculture: This class might include subclasses such as agroforestry, regenerative agriculture, and sustainable agriculture practices, as well as information on a company's efforts to support sustainable agriculture and minimize its impact on land and ecosystems.
65. Sustainable Mobility: This class might include subclasses such as electric vehicles, low-carbon transportation, and sustainable mobility solutions, as well as information on a company's efforts to support the transition to sustainable mobility and reduce the carbon footprint of its transportation and logistics operations.
66. Social Equity: This class might include subclasses such as income inequality, diversity and inclusion, and gender equality, as well as information on a company's efforts to promote social equity and address social and economic disparities in its operations and impact.
67. Water Stewardship: This class might include subclasses such as water conservation, water quality management, and water sustainability, as well as information on a company's efforts to conserve water resources and ensure responsible water use and management.
68. Climate Change: This class might include subclasses such as greenhouse gas emissions, carbon footprint, and climate risk management, as well as information on a company's efforts to reduce its greenhouse gas emissions, minimize its climate impact, and manage the risks and opportunities associated with climate change.
69. Sustainable Procurement: This class might include subclasses such as sustainable supply chain management, responsible sourcing, and sustainable procurement practices, as well as information on a company's efforts to ensure that its procurement practices are sustainable and have a positive impact on the environment and society.
70. Sustainable Finance: This class might include subclasses such as impact investing, sustainable investing, and green finance, as well as information on a company's efforts to integrate sustainability into its financial operations and support the transition to a sustainable economy.
71. Biodiversity & Ecosystems: This class might include subclasses such as habitat protection, biodiversity conservation, and ecosystem services, as well as information on a company's efforts to protect and conserve biodiversity and support the health and resilience of ecosystems.
72. Health & Wellness: This class might include subclasses such as employee wellness, workplace health promotion, and health and wellness programs, as well as information on a company's efforts to promote employee health and well-being and create a supportive and healthy work environment.
73. Sustainable Consumption: This class might include subclasses such as sustainable consumption patterns, sustainable lifestyle, and sustainable consumption behaviors, as well as information on a company's efforts to encourage sustainable consumption patterns and support the transition to a circular economy.
74. Sustainable Buildings: This class might include subclasses such as green buildings, energy efficient buildings, and sustainable building practices, as well as information on a company's efforts to construct and operate sustainable buildings and minimize the environmental impact of its real estate portfolio.
75. Sustainable Tourism: This class might include subclasses such as responsible tourism, sustainable tourism practices, and sustainable tourism destinations, as well as information on a company's efforts to support sustainable tourism and minimize the environmental and social impacts of its tourism operations.
76. Ethical Business Practices: This class might include subclasses such as business ethics, corporate social responsibility, and responsible business practices, as well as information on a company's efforts to ensure that its business practices are ethical, transparent, and responsible, and that it operates with integrity and accountability.
77. Water Stewardship: This class might include subclasses such as water conservation, water quality management, and water sustainability, as well as information on a company's efforts to conserve water resources and ensure responsible water use and management.
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87. Water Stewardship: This class might include subclasses such as water conservation, water management, and water quality, as well as information on a company's efforts to conserve and manage water resources, minimize its impact on water quality, and support sustainable water use.
88. Biodiversity Conservation: This class might include subclasses such as habitat protection, species conservation, and ecosystem management, as well as information on a company's efforts to conserve and protect biodiversity, restore degraded ecosystems, and promote sustainable land use.
89. Climate Mitigation: This class might include subclasses such as greenhouse gas reduction, carbon sequestration, and renewable energy, as well as information on a company's efforts to reduce its greenhouse gas emissions, promote carbon sequestration, and transition to renewable energy sources.
90. Sustainable Finance: This class might include subclasses such as sustainable investing, green bonds, and impact investing, as well as information on a company's efforts to promote sustainable finance and support sustainable and responsible investment.
91. Supply Chain Sustainability: This class might include subclasses such as sustainable sourcing, responsible supply chain management, and sustainable procurement, as well as information on a company's efforts to promote sustainable practices throughout its supply chain and minimize its impact on the environment and communities.
92. Community Engagement: This class might include subclasses such as community investment, community outreach, and community partnerships, as well as information on a company's efforts to engage with and support its local communities, promote social and economic development, and foster positive relationships with its stakeholders.
93. Digital Sustainability: This class might include subclasses such as sustainable data centers, sustainable software, and sustainable technology, as well as information on a company's efforts to promote sustainable digital practices and minimize its environmental impact.
94. Health and Safety: This class might include subclasses such as workplace health and safety, product safety, and environmental health, as well as information on a company's efforts to ensure the health and safety of its employees, customers, and the environment.
95. Sustainable Consumption: This class might include subclasses such as sustainable consumption patterns, sustainable lifestyles, and sustainable products, as well as information on a company's efforts to promote sustainable consumption practices and encourage consumers to adopt sustainable lifestyles.
96. Climate Adaptation: This class might include subclasses such as climate resilience, climate risk management, and climate adaptation strategies, as well as information on a company's efforts to prepare for and respond to the impacts of climate change and ensure its resilience to a changing climate.

## An Example ontology

Preprocessed in

[ESG-Taxonomy - Google Sheets](https://docs.google.com/spreadsheets/d/1IIsPmKD0CMkKar6ltJaRCdsovyOWaffNT5x4I4v9Vmw/edit#gid=0)

### General

* Environmental Performance
  1. Greenhouse Gas Emissions
  2. Energy Efficiency
  3. Waste Management
  4. Biodiversity Conservation
  5. Water Stewardship
  6. Sustainable Agriculture
  7. Renewable Energy
  8. Climate Mitigation
  9. Air Quality
  10. Land Use
  11. Ecosystem Health
  12. Natural Resource Management
  13. Biodiversity Conservation
  14. Waste Management
  15. Sustainable Packaging
  16. Greenhouse Gas Emissions
  17. Water Management
  18. Energy Efficiency
  19. Climate Change Mitigation
  20. Renewable Energy
  21. Natural Resource Conservation
  22. Pollution Prevention
  23. Climate Adaptation
  24. Sustainable Land Use
  25. Biodiversity Conservation
  26. Waste Management
  27. Greenhouse Gas Emissions
  28. Sustainable Packaging
  29. Energy Efficiency
  30. Renewable Energy
  31. Carbon Management
* Social Performance
  1. Labor Practices
  2. Human Rights
  3. Community Engagement
  4. Diversity and Inclusion
  5. Employee Well-being
  6. Human Rights
  7. Consumer Protection
  8. Product Safety
  9. Supply Chain Management
  10. Consumer Privacy
  11. Product Responsibility
  12. Stakeholder Engagement
  13. Community Engagement
  14. Diversity, Equity, and Inclusion
  15. Labor Standards
  16. Occupational Health and Safety
  17. Human Rights
  18. Access to Healthcare
  19. Employee Well-being
  20. Equal Opportunities
  21. Education and Training
  22. Affordable Housing
  23. Employee Benefits
  24. Philanthropy
  25. Community Relations
  26. Diversity and Inclusion
  27. Labor Practices
  28. Occupational Health and Safety
* Governance Performance
  1. Board Diversity
  2. Executive Compensation
  3. Corporate Transparency
  4. Political Lobbying
  5. Anti-Corruption
  6. Corporate Responsibility
  7. Political Lobbying
  8. Risk Management
  9. Ethical Leadership
  10. Transparency and Disclosure
  11. Stakeholder Relations
  12. Risk Oversight
  13. Board Diversity
  14. Executive Compensation
  15. Corporate Culture
  16. Anti-Discrimination and Harassment
  17. Political Lobbying
  18. Anti-Corruption
  19. Conflicts of Interest
  20. Transparency and Accountability
  21. Whistleblower Protection
  22. Shareholder Engagement
  23. Compliance with Laws and Regulations
  24. Risk Management
  25. Board Structure and Composition
  26. Executive Compensation
  27. Internal Controls and Auditing
  28. Stakeholder Engagement
* Environmental Risks
  + Climate Change
  + Natural Resource Depletion
  + Water Scarcity
* Social Risks
  + Human Rights Abuses
  + Labor Rights Violations
  + Privacy and Data Protection
* Governance Risks
  + Corruption and Bribery
  + Political Lobbying
  + Regulatory Compliance
* Sustainability Performance
  + Energy Efficiency
  + Renewable Energy
  + Carbon Management

1. Stakeholder Engagement
   * Community Relations
   * Employee Relations
   * Investor Relations
2. Regulatory Compliance
   * Environmental Regulations
   * Social Regulations
   * Governance Regulations

### Oil and Gas

1. Carbon Management
   * Greenhouse Gas Emissions Reduction
   * Carbon Capture and Storage
   * Renewable Energy
2. Water Management
   * Water Conservation
   * Water Reuse and Recycling
   * Water Quality Management
3. Biodiversity and Habitat Protection
   * Habitat Restoration
   * Species Protection
   * Sustainable Land Use

* Environmental Impact
  + Greenhouse Gas Emissions
  + Air Pollution
  + Water Pollution
  + Land and Biodiversity

1. Social Impact
   * Labor and Human Rights
   * Community Relations
   * Health and Safety
2. Governance
   * Transparency and Accountability
   * Board Composition and Management
   * Political Influence
   * Risk Management

* Energy Efficiency
  + Fuel Efficiency
  + Energy Conservation

1. Renewable Energy
   * Solar Energy
   * Wind Energy
   * Hydro Energy
2. Corporate Social Responsibility
   * Philanthropy
   * Community Investment
   * Employee Volunteer Programs

### finance industry:

1. ESG Investing
   * Socially Responsible Investing (SRI)
   * Impact Investing
   * Environmental, Social, and Governance (ESG) Investing
   * Socially Responsible Investing (SRI)
   * Impact Investing
   * Environmental, Social, and Governance (ESG) Investing

* Responsible Investing
  + Thematic Investing
  + Socially Responsible Investing (SRI)
  + Environmental, Social, and Governance (ESG) Investing

1. Sustainable Banking
   * Green Banking
   * Ethical Banking
   * Green Lending
   * Sustainable Financing
   * Clean Energy Financing
2. Sustainable Finance
   * Green Bonds
   * Sustainable Equity
   * Impact Investing
3. Corporate Social Responsibility (CSR)
   * Philanthropy
   * Community Investment
   * Employee Volunteer Programs

* ESG Integration
  + ESG Scoring and Rating
  + ESG Data Management
  + ESG Integration in Investment Analysis
  + ESG Integration in Investment Portfolio Management
  + ESG Integration in Investment Product Design
* ESG Performance Evaluation
  + ESG Risk Assessment
  + ESG Opportunity Identification

1. ESG Transparency and Reporting
   * ESG Data Collection and Management
   * ESG Performance Metrics
   * ESG Reporting and Disclosure

* ESG Rating and Assessment
  + ESG Rating of Companies and Sectors
  + ESG Assessment of Investment Products and Funds
  + ESG Benchmarking and Comparison

## Relations

[ESG-Taxonomy - Google Sheets](https://docs.google.com/spreadsheets/d/1IIsPmKD0CMkKar6ltJaRCdsovyOWaffNT5x4I4v9Vmw/edit#gid=1037175183)

1. Company X has a greenhouse gas emissions reduction target of X% by Y date.
2. Company X has implemented a diversity and inclusion policy for its workforce.
3. Company X is a member of a lobbying group that advocates for X policy issue.
4. Company X has reduced its water usage by X% in the last Y years.
5. Company X sources X% of its raw materials from sustainable agriculture practices.
6. Company X has committed to using 100% renewable energy by Z date.
7. Company X has established a human rights policy and regularly monitors compliance.
8. Company X has a code of conduct in place to prevent corruption and unethical behavior.
9. Company X has implemented a risk management plan to address potential ESG-related risks.
10. Company X has committed to reducing its greenhouse gas emissions by X% over the next Y years.
11. Company X has established a wellness program for its employees to promote physical and mental well-being.
12. Company X requires all of its suppliers to adhere to strict labor standards and human rights policies.
13. Company X has a product safety program in place to ensure the safety of its products for consumers.
14. Company X has a land use policy that protects critical habitats and biodiversity.
15. Company X has implemented a program to improve air quality in its operations and supply chain.
16. Company X has committed to responsible resource management, including reducing its use of non-renewable resources.
17. Company X has established a stakeholder engagement program to gather input and feedback from its stakeholders.
18. Company X has implemented a supply chain management program to monitor and mitigate human rights and environmental risks in its supply chain.
19. Company X has a policy in place to protect consumer privacy and secure personal data.
20. Company X has a product responsibility program to ensure the safety and sustainability of its products.
21. Company X has a code of ethics that sets standards for ethical leadership and behavior.
22. Company X is committed to transparency and disclosure, regularly publishing information on its ESG performance and activities.
23. Company X has established a risk oversight program to proactively manage and mitigate ESG risks.
24. Company X has a biodiversity conservation program in place to protect critical habitats and species.
25. Company X has implemented a waste management program to reduce, reuse, and recycle waste.
26. Company X has committed to using sustainable packaging materials and reducing packaging waste.
27. Company X has set a goal to reduce its greenhouse gas emissions by X% over the next Y years.
28. Company X has a community engagement program in place to support and benefit the communities where it operates.
29. Company X has established a diversity, equity, and inclusion program to promote diversity and inclusivity in its workplace.
30. Company X has a policy in place to ensure that its suppliers comply with strict labor standards.
31. Company X has implemented an occupational health and safety program to protect its employees from work-related injuries and illnesses.
32. Company X has set a goal for increasing the diversity of its board of directors.
33. Company X has established a code of conduct to prevent discrimination and harassment in the workplace.
34. Company X has a water management program in place to reduce water usage and protect water resources.
35. Company X has implemented energy efficiency measures to reduce energy consumption and lower greenhouse gas emissions.
36. Company X has set a goal to mitigate the impacts of climate change by reducing its greenhouse gas emissions and promoting the use of renewable energy.
37. Company X has a human rights policy in place to ensure that it respects and protects the human rights of all stakeholders.
38. Company X has a healthcare program in place to ensure that its employees have access to affordable and quality healthcare services.
39. Company X has implemented a well-being program to support the physical, mental, and emotional well-being of its employees.
40. Company X has a policy in place to promote equal opportunities and prevent discrimination in the workplace.
41. Company X has a policy in place to regulate and disclose its political lobbying activities.
42. Company X has established an anti-corruption program to prevent and detect corruption in its operations and supply chain.
43. Company X has a policy in place to manage and disclose conflicts of interest to ensure that its decisions are made in the best interests of its stakeholders.
44. Company X has a program in place to conserve natural resources, such as forests, rivers, and wildlife habitats.
45. Company X has implemented measures to prevent pollution and protect the environment and public health.
46. Company X has a climate adaptation program in place to prepare for and respond to the impacts of climate change.
47. Company X has a sustainable land use policy in place to manage its land and property in an environmentally responsible and sustainable manner.
48. Company X has an education and training program to support the professional development and growth of its employees.
49. Company X has a housing program in place to provide affordable and quality housing for its employees.
50. Company X has a comprehensive benefits program in place to support the health, well-being, and financial security of its employees.
51. Company X has a philanthropy program in place to support and invest in local communities and charitable causes.
52. Company X has a whistleblower protection program in place to encourage and protect employees who report unethical or illegal activities.
53. Company X has a shareholder engagement program in place to solicit and respond to the views and concerns of its shareholders.
54. Company X has a program in place to conserve and protect biodiversity, including species and ecosystems.
55. Company X has a waste management program in place to reduce, reuse, and recycle waste and minimize its environmental impacts.
56. Company X has established a greenhouse gas reduction target and has implemented measures to reduce its carbon footprint.
57. Company X has a sustainable packaging program in place to reduce waste, conserve resources, and protect the environment.
58. Company X has a community relations program in place to build and maintain positive relationships with local communities and stakeholders.
59. Company X has a diversity and inclusion program in place to foster a workplace culture of respect, inclusiveness, and equal opportunity.
60. Company X has a labor practices program in place to ensure fair and responsible treatment of its employees and workers in its supply chain.
61. Company X has an occupational health and safety program in place to prevent accidents and injuries, and to promote the well-being of its employees.
62. Company X has a board structure and composition that is effective, independent, and diverse, and that is committed to good governance and accountability.
63. Company X has a stakeholder engagement program in place to solicit and respond to the views and concerns of its stakeholders, including customers, employees, shareholders, and communities.

Risks

1. Company X is exposed to environmental risks, including the impacts of climate change, depletion of natural resources, and water scarcity.
2. Company X is exposed to social risks, including the risk of human rights abuses, labor rights violations, and breaches of privacy and data protection.
3. Company X is exposed to governance risks, including the risk of corruption and bribery, political lobbying, and regulatory non-compliance.
4. Company X has implemented measures to mitigate its exposure to environmental risks and to promote sustainable practices and resource conservation.
5. Company X has implemented measures to mitigate its exposure to social risks and to promote respect for human rights and labor standards.
6. Company X has implemented measures to mitigate its exposure to governance risks and to promote ethical business practices and compliance with regulations.
7. Company X has established performance targets and metrics to monitor and report on its progress in reducing its exposure to ESG risks.
8. Company X engages with stakeholders, including customers, employees, shareholders, and communities, to understand and respond to their concerns and expectations regarding ESG risks.
9. Company X works with suppliers and partners to promote ESG practices and to address common ESG risks and challenges.
10. Company X collaborates with industry groups, civil society organizations, and other stakeholders to promote sustainable and responsible business practices and to advance ESG goals.
11. Company X has demonstrated strong sustainability performance in areas such as energy efficiency, use of renewable energy, and carbon management.
12. Company X has a strong track record of engaging with its stakeholders, including the community, employees, and investors, to understand and address their concerns and expectations.
13. Company X has a comprehensive compliance program to ensure that it is meeting its obligations under environmental, social, and governance regulations.
14. Company X has developed and implemented policies and programs to minimize its environmental footprint, reduce waste, and promote sustainability.
15. Company X provides training and resources to employees to support their efforts to advance ESG goals and to promote sustainability.
16. Company X engages with investors to provide transparency and accountability with respect to ESG risks and performance.
17. Company X works with suppliers to promote sustainability and to address common ESG challenges and risks.
18. Company X collaborates with industry groups and other stakeholders to advance sustainability and ESG goals and to share best practices and insights.
19. Company X evaluates the performance of its ESG programs and initiatives on an ongoing basis, and makes improvements as needed to ensure continued progress.
20. Company X reports on its ESG performance and progress in a transparent and consistent manner, and communicates this information to stakeholders and the public.

Oil and gas

1. Company X has implemented a comprehensive carbon management strategy that aims to reduce its greenhouse gas emissions and to transition to a low-carbon energy mix.
2. Company X has invested in carbon capture and storage technology, which allows it to reduce its carbon footprint and to promote sustainability.
3. Company X is committed to increasing its use of renewable energy, and has implemented a variety of initiatives to promote the use of wind, solar, and other forms of clean energy.
4. Company X has implemented a water management program that aims to conserve water, to reuse and recycle water, and to maintain the quality of water resources in the areas near its operations.
5. Company X is committed to protecting biodiversity and habitats, and has implemented a variety of initiatives to restore habitats, protect species, and promote sustainable land use.
6. Company X has implemented a robust monitoring and reporting system to track its progress on ESG goals and to ensure that it is transparent and accountable to stakeholders.
7. Company X engages with stakeholders and communities near its operations to understand their concerns and to identify opportunities to promote ESG performance.
8. Company X works closely with environmental organizations and other stakeholders to promote best practices and to advocate for effective ESG policies and regulations.
9. Company X invests in research and development to identify new technologies and innovations that will help it to improve its ESG performance and to promote sustainability.
10. Company X collaborates with other companies and organizations in the oil and gas industry to promote ESG best practices and to drive positive change in the industry.
11. Company X measures and reports on its greenhouse gas emissions, including carbon dioxide and other pollutants, and sets targets to reduce its emissions over time.
12. Company X implements best practices to minimize its impact on air and water quality and to protect land and biodiversity in the regions where it operates.
13. Company X establishes policies and procedures to promote labor and human rights and to prevent discrimination, exploitation, and other forms of abuse.
14. Company X engages with local communities near its operations to understand their needs and to address their concerns about its activities.
15. Company X implements programs to promote health and safety for its employees and contractors, including training, personal protective equipment, and emergency response procedures.
16. Company X discloses information about its operations, governance practices, and ESG performance, and provides opportunities for stakeholders to provide feedback.
17. Company X has a board of directors with diverse backgrounds and expertise, and implements best practices in management and compensation to promote good governance.
18. Company X ensures that its political activities are consistent with its values and are transparent and publicly disclosed.
19. Company X implements risk management processes and systems to identify, assess, and manage risks related to its ESG performance, including regulatory and reputational risks.
20. Company X invests in research and development to identify new technologies and innovations that will help it to reduce its environmental impact and to promote sustainability.
21. Company X invests in energy efficiency technologies and processes to reduce its consumption of fossil fuels and to reduce its greenhouse gas emissions.
22. Company X explores and develops renewable energy sources, including wind, solar, and hydro, to reduce its dependence on fossil fuels and to reduce its environmental impact.
23. Company X provides financial support and resources to organizations and initiatives that promote sustainability, social justice, and other ESG objectives.
24. Company X invests in programs that benefit local communities, including education, healthcare, and economic development initiatives.
25. Company X encourages and enables its employees to participate in volunteer programs that support ESG objectives and that help to build stronger communities.
26. Company X engages with stakeholders, including investors, customers, employees, and community members, to understand their ESG priorities and to align its activities with their expectations and needs.
27. Company X sets goals and targets related to its ESG performance and reports on its progress towards these goals.
28. Company X implements systems and processes to monitor its ESG performance and to identify and address ESG risks and opportunities.
29. Company X collaborates with suppliers, partners, and competitors to promote ESG best practices and to advance the sustainability of the oil and gas industry.
30. Company X provides training and resources to its employees to help them understand and support the company's ESG objectives.

Finance

1. Bank X integrates ESG considerations into its investment strategies and products to align its activities with the ESG priorities of its clients.
2. Bank X offers socially responsible investment options and impact investment opportunities to its clients to help them achieve their ESG goals.
3. Bank X implements environmental, social, and governance (ESG) due diligence and risk management processes to identify and address ESG risks and opportunities in its investment portfolios.
4. Bank X provides financial support and resources to organizations and initiatives that promote sustainability, social justice, and other ESG objectives.
5. Bank X invests in renewable energy and sustainable infrastructure projects to support the transition to a low-carbon, sustainable economy.
6. Bank X encourages and enables its employees to participate in volunteer programs that support ESG objectives and that help to build stronger communities.
7. Bank X engages with stakeholders, including clients, investors, employees, and community members, to understand their ESG priorities and to align its activities with their expectations and needs.
8. Bank X sets goals and targets related to its ESG performance and reports on its progress towards these goals.
9. Bank X implements systems and processes to monitor its ESG performance and to identify and address ESG risks and opportunities.
10. Bank X collaborates with suppliers, partners, and competitors to promote ESG best practices and to advance the sustainability of the finance industry.
11. Bank X uses ESG data and metrics to evaluate the environmental, social, and governance (ESG) performance of its investment portfolios and to identify ESG risks and opportunities.
12. Bank X offers green bonds and sustainable equity investment products to its clients to support the transition to a low-carbon, sustainable economy.
13. Bank X implements ESG integration into its investment processes and decision-making to align its activities with the ESG priorities of its clients.
14. Bank X provides ESG investment options and impact investment opportunities to its clients to help them achieve their ESG goals.
15. Bank X implements systems and processes to monitor and report on its ESG performance and to engage with stakeholders on ESG-related issues.
16. Bank X collaborates with industry organizations and initiatives to promote ESG best practices and to advance the sustainability of the finance industry.
17. Bank X engages with companies in its investment portfolios to encourage and support ESG improvements and to address ESG risks and opportunities.
18. Bank X implements responsible investment policies and procedures to ensure that its activities align with its ESG values and priorities.
19. Bank X invests in companies that are leaders in their industries in terms of ESG performance and that demonstrate a commitment to ESG best practices.
20. Bank X implements systems and processes to identify and manage ESG risks and opportunities in its investment portfolios, including climate risks and human rights risks.
21. Bank X implements a comprehensive ESG evaluation process to assess the environmental, social, and governance (ESG) performance of its investment portfolios.
22. Bank X offers green lending and sustainable financing products to support clean energy and sustainable infrastructure projects.
23. Bank X implements systems and processes to collect and manage ESG data, and to report on its ESG performance and progress.
24. Bank X utilizes ESG performance metrics and standards to evaluate the ESG performance of its investment portfolios and to identify ESG risks and opportunities.
25. Bank X engages with stakeholders, including clients, investors, and industry organizations, on ESG-related issues and to promote ESG best practices.
26. Bank X collaborates with industry organizations and initiatives to promote sustainable banking and to advance the ESG performance of the finance industry.
27. Bank X engages with companies in its investment portfolios to encourage and support ESG improvements and to address ESG risks and opportunities.
28. Bank X implements systems and processes to identify and manage ESG risks and opportunities in its investment portfolios, including climate risks, human rights risks, and sustainability risks.
29. Bank X implements responsible investment policies and procedures to ensure that its activities align with its ESG values and priorities.
30. Bank X invests in companies that are leaders in their industries in terms of ESG performance and that demonstrate a commitment to ESG best practices.
31. Bank X implements a comprehensive ESG investment approach to consider environmental, social, and governance (ESG) factors in its investment decision-making.
32. Bank X offers ESG investment products and services that align with its clients' ESG values and preferences, including socially responsible investing (SRI), impact investing, and ESG investing.
33. Bank X integrates ESG considerations into its investment analysis, portfolio management, and product design processes to ensure that ESG risks and opportunities are properly accounted for.
34. Bank X utilizes ESG ratings and assessments from leading ESG research firms to evaluate the ESG performance of companies and sectors and to identify ESG risks and opportunities.
35. Bank X engages with companies in its investment portfolios to encourage and support ESG improvements and to address ESG risks and opportunities.
36. Bank X implements responsible investment policies and procedures to ensure that its activities align with its ESG values and priorities.
37. Bank X invests in companies that are leaders in their industries in terms of ESG performance and that demonstrate a commitment to ESG best practices.
38. Bank X implements systems and processes to identify and manage ESG risks and opportunities in its investment portfolios, including climate risks, human rights risks, and sustainability risks.
39. Bank X collaborates with industry organizations and initiatives to promote sustainable finance and to advance the ESG performance of the finance industry.
40. Bank X engages with stakeholders, including clients, investors, and industry organizations, on ESG-related issues and to promote ESG best practices.

oil and gas industry:

1. Upstream Operations
   * Crude Oil and Natural Gas Exploration
   * Drilling and Completion
2. Midstream Operations
   * Transportation and Storage
   * Processing and Treatment
3. Downstream Operations
   * Refining
   * Marketing and Sales

Relations:

1. Company X is engaged in upstream operations, including exploration and drilling, to find and produce crude oil and natural gas.
2. Company X operates a midstream network of pipelines, storage facilities, and processing plants to transport, store, and treat crude oil and natural gas.
3. Company X has downstream operations that refine crude oil and natural gas into a range of products, including gasoline, diesel, and jet fuel, which are then marketed and sold to customers.
4. Company X invests in advanced technologies to improve the efficiency and safety of its operations, including the use of remote monitoring and control systems and advanced drilling techniques.
5. Company X works closely with regulatory agencies and industry organizations to promote safe and responsible operations in the oil and gas industry.
6. Company X is committed to reducing its environmental footprint and to minimizing the impact of its operations on air and water quality, land, and wildlife.
7. Company X engages with local communities near its operations to understand their concerns and to promote transparency and accountability.
8. Company X has developed emergency response plans and procedures to ensure that it is prepared to respond quickly and effectively to any incidents that may occur at its operations.
9. Company X collaborates with other companies and organizations in the oil and gas industry to promote best practices and to drive positive change in the industry.
10. Company X invests in research and development to identify new technologies and innovations that will help it to improve its performance and to promote sustainability.

High tech industry

Classes:

* Electronic Devices Manufacturing
* Software Development
* Cloud Computing Services
* Artificial Intelligence
* Renewable Energy Use in Data Centers
* Cybersecurity
* Supply Chain Management
* Data Privacy and Protection
* Waste Management and Recycling
* Employee Health and Safety
* Corporate Social Responsibility (CSR)
* Energy Efficiency and Conservation
* Diversity, Equity and Inclusion (DEI)
* Human Rights in Supply Chain
* Water Stewardship
* Data Privacy and Security
* Environmental Sustainability
* Stakeholder Engagement
* Employee Well-being
* Human Capital Management

Subclasses:

* CSR is a subclass of Corporate Responsibility and related to Sustainability, Environmental Stewardship and Social Impact
* Energy Efficiency and Conservation is a subclass of Energy Management and related to Renewable Energy Sources and Carbon Footprint Reduction
* Diversity, Equity and Inclusion (DEI) is a subclass of Employee Wellbeing and related to Workplace Culture and Employee Satisfaction
* Human Rights in Supply Chain is a subclass of Supply Chain Management and related to Ethical Labor Practices and Human Rights Abuses Prevention
* Water Stewardship is a subclass of Water Management and related to Water Conservation, Water Quality and Water Scarcity
* Electronic Devices Manufacturing is a subclass of Manufacturing
* Software Development is a subclass of Information Technology
* Cloud Computing Services is a subclass of Information Technology Services
* Artificial Intelligence is a subclass of Information Technology and related to Machine Learning
* Data Privacy and Security is a subclass of Information Management and related to Cybersecurity and Data Management
* Environmental Sustainability is a subclass of Corporate Responsibility and related to Climate Change Mitigation, Renewable Energy, and Resource Conservation
* Stakeholder Engagement is a subclass of Corporate Responsibility and related to Community Outreach and Customer Satisfaction
* Employee Well-being is a subclass of Human Capital Management and related to Work-Life Balance, Health and Safety, and Employee Retention
* Human Capital Management is a subclass of Corporate Responsibility and related to Employee Satisfaction, Employee Training, and Employee Development

Relations:

* Renewable Energy Use in Data Centers is a relation between Data Centers and Renewable Energy Sources
* Cybersecurity is a subclass of Information Security and related to Data Protection
* Supply Chain Management is a subclass of Supply Chain and related to Sustainability and Ethical Labor Practices
* Data Privacy and Protection is a relation between Personal Data and Privacy Regulations
* Waste Management and Recycling is a relation between Electronic Waste and Recycling Efforts
* Employee Health and Safety is a relation between Employee Wellbeing and Occupational Health and Safety Regulations
* Energy Efficiency and Conservation is a relation between Energy Management and Energy Conservation Efforts
* Diversity, Equity and Inclusion (DEI) is a relation between Workplace Culture and Employee Satisfaction
* Human Rights in Supply Chain is a relation between Supply Chain Management and Ethical Labor Practices
* Water Stewardship is a relation between Water Management and Water Conservation Efforts
* Data Privacy and Security is a relation between Information Management and Cybersecurity
* Environmental Sustainability is a relation between Corporate Responsibility and Climate Change Mitigation
* Stakeholder Engagement is a relation between Corporate Responsibility and Community Outreach
* Employee Well-being is a relation between Human Capital Management and Employee Satisfaction
* Human Capital Management is a relation between Corporate Responsibility and Employee Satisfaction