Steel

Driving forces
Steel production is energy intensive and often relies on fossil fuel-based energy sources as well as chemicals that produce pollutant waste. Blast furnace production of steel directly creates significant greenhouse gas emissions. The recyclable properties of steel provide opportunities for lowering production costs by reducing raw material inputs, energy use and greenhouse gas emissions. Some grades of high-strength steel, such as lightweight steel, also offer opportunities for reducing energy consumption in the use phase. In some regions, community concerns may also arise due to the presence of large production facilities that create excessive noise and air pollution, as well as potential negative impacts on land and property rights. For this industry, employee and contractor health and safety is also a critical indicator of operational excellence.

Highlighted criteria & dimension weights
Environmental Dimension..33%
– Climate Strategy
– Operational Eco-Efficiency
– Water Related Risks

Social Dimension ............. 33%
– Human Rights
– Occupational Health and Safety
– Social Impacts on Communities

Governance & Economic Dimension .................. 34%
– Codes of Business Conduct
– Corporate Governance
– Supply Chain Management

Industry Awards 2022

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  - Hyundai Steel Company, Rep. of Korea 77
  - Fortescue Metals Group Limited, Australia 77
  - POSCO, Rep. of Korea 76

- **S&P Global Silver Class**
  - Corporacion Aceros Arequipa S.A.*, Peru 73

Sustainability Yearbook Members
- Schnitzer Steel Industries, Inc., United States 66
- JSW Steel Limited, India 65
- Tata Steel Limited, India 65
- CAP S.A., Chile 63
- China Steel Corporation, Taiwan 61
- Outokumpu Oyj, Finland 60
- Public Joint Stock Company
- Magnitogorsk Iron & Steel Works, Russia 56

* S&P Global Industry Mover

Industry Statistics

- Number of companies assessed: 85
- Market capitalization of assessed companies (in USD billion): 629.2
- Number of companies in Yearbook: 11
- Market capitalization of companies in Yearbook (in USD billion): 144

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