

Member of DJSI North America

Company Information

Country: United States

Index market cap*: 3,326

*USD millions

Source: S&P Global BMI, 30 August 2019

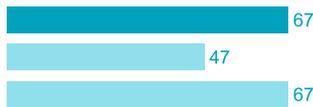
2019 Assessment Results

Source: SAM CSA, 13 September 2019

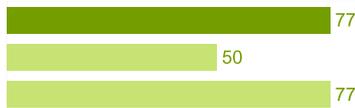
Total Scores



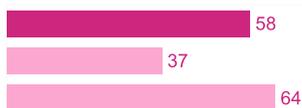
Economic



Environmental



Social



■ Alcoa Corp
■ Industry Average Score
■ Industry Best Score

Industry Overview	Maximum Score	Average Score
Total	67	44
Economic Dimension	67	47
Environmental Dimension	77	50
Social Dimension	64	37

DJSI World	Maximum Score	Average Score
Total	N/A	N/A
Economic Dimension	N/A	N/A
Environmental Dimension	N/A	N/A
Social Dimension	N/A	N/A

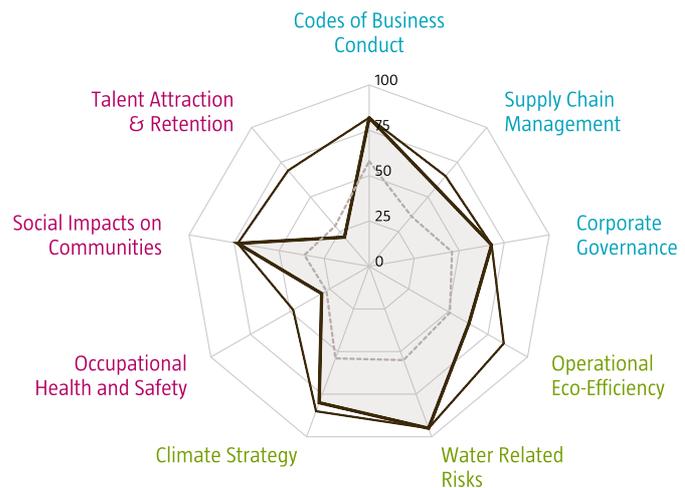
Alcoa Corp leads the Aluminum industry in SAM Corporate Sustainability Assessment based on its Total Sustainability Score in 2019. This report provides a broad overview of the performance of the Aluminum industry and the relative positioning of Alcoa Corp at the dimension and criteria level.

Industry Drivers

Primary production of aluminum continues to have a significant environmental impact due to the energy-intensive nature of processing. Aluminum products can contribute to energy savings, as it is a light weight metal, used in many applications, and its recycling consumes significantly less energy than most other materials. Nevertheless, substantial opportunities exist for sourcing aluminum with a smaller environmental footprint. Managing energy efficiency is critically important given the significant energy costs in aluminum production and the potential for climate regulation to reshape those costs in the future. The responsible management of air emissions, waste, and wastewater discharge are also important for maintaining a license to operate with both environmental regulators and local communities. Consequently, climate strategies, forward-looking energy management and minimizing environmental impact remain high priorities. As in other heavy manufacturing industries, employee and contractor safety is critical.

Company Performance

RobecoSAM has selected the most relevant criteria in each sustainability dimension based on their weight in the assessment and their current or expected significance for the industry. The spider chart below visualizes the performance of the industry leader against the best score achieved in each criterion and the median industry score.



— Industry best score - - - - Industry average score ■ Alcoa Corp

Corporate Sustainability Assessment

The SAM Corporate Sustainability Assessment (CSA) is a comprehensive annual evaluation of companies' sustainability practices and performance. Every March, RobecoSAM extends invitations to over 3,500 of the largest, listed companies globally to participate in the assessment by completing an in-depth questionnaire. Assessment results are published in September, following the analysis of companies' submissions complemented by additional research performed by RobecoSAM.

The CSA is one of the longest standing ESG rating methodologies worldwide, dating back to 1999. It assesses companies on the basis of 80 – 120 industry-specific questions across 61 industries focusing on financially material economic, environmental, and social factors that are relevant to companies' success, but that are under-researched in conventional financial analysis. Every year, the CSA undergoes rigorous methodological review in order to ensure that the most current material sustainability topics, as well as emerging, long-term sustainability themes often of interest to investors are reflected, and companies are challenged on topics that lack disclosure today. The ESG Ratings derived from the CSA are used for the annual rebalancing of the iconic Dow Jones Sustainability Indices (DJSI), as well as the S&P Dow Jones Indices (S&P DJI) ESG Index family and are made available to investors, researchers, and non-governmental organizations through the S&P DJI and Bloomberg data platforms. The results of the CSA are also used for the creation of the SAM Sustainability Yearbook, one of the most comprehensive annual publications on corporate sustainability. Selected ratings are made available to the general public through the Sustainability Yearbook website: <http://yearbook.robecosam.com>

Additional Resources

For more information on the CSA and a complete list of all Dow Jones Sustainability Indices constituents visit www.robecosam.com/CSA

Assessed companies can access their own results and benchmark themselves against their peers directly through the online assessment portal.

Contact

RobecoSAM AG
Josefstrasse 218
CH-8005 Zürich Switzerland
Tel +41 44 653 10 10
assessments@robecosam.com

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