



## Aluminum

### Driving forces

Aluminum products possess several highly desirable attributes. They can contribute to energy savings in their use phase, while their feature of being infinitely recyclable provides opportunities for sourcing aluminum with a lower environmental footprint. Primary production, however, continues to have significant environmental impacts as aluminum companies operate in conditions that are highly competitive and subject to periodic overcapacity. Managing energy efficiency is critically important given the weight of power in aluminum production costs and the potential for climate regulation to reshape future power costs and availability. Responsible management of non-GHG air emissions, waste management, and water discharge are also important for maintaining a license to operate with both environmental regulators and local communities. Consequently, sound climate strategies, forward-looking energy purchasing, and control of environmental impacts remain high priorities. As in other heavy manufacturing and resource environments, workforce and contractor safety are also critical.

### Highlighted criteria

#### Economic Dimension

- Codes of Business Conduct
- Corporate Governance
- Supply Chain Management

#### Environmental Dimension

- Climate Strategy
- Operational Eco-Efficiency
- Water Related Risks

#### Social Dimension

- Occupational Health and Safety
- Social Impacts on Communities
- Talent Attraction & Retention

### Sustainability leaders 2018

<span style="color: #008000;">●</span>	<b>RobecoSAM Gold Class</b>	
	Norsk Hydro ASA	Norway
<span style="color: #800000;">●</span>	<b>RobecoSAM Bronze Class</b>	
	Alcoa Corp	United States

### Industry statistics

Number of companies in universe	6
Number of companies assessed by RobecoSAM in 2017	5
Assessed companies to total companies in universe (%)	83
Market capitalization of assessed companies to total market capitalization (%)	97

### Results at industry level

Dimension	Average score	Best score	Dimension weight
Economic	45	77	34%
Environmental	42	78	33%
Social	50	80	33%

### Total score

