

## TSM Performance by Company

### Avalon Advanced Materials



Avalon Advanced Materials is a Canadian mineral development company specializing in critical metals and minerals with growing demand in new technology. The company has three advanced-stage projects across Canada, all 100% owned, with exposure to lithium, tin, indium, zirconium and the rare earth elements. Avalon is currently focusing on its Separation Rapids Lithium Project near Kenora, Ontario, and its East Kemptville Tin-Indium Project in Yarmouth, Nova Scotia.

Avalon believes that a strong sustainability framework is fundamental to its long-term success. The company has implemented the *TSM Guiding Principles* in order to meet or exceed industry best practices, and to continuously improve on its social, environmental, and health and safety performance. As Avalon is a development stage company, its annual TSM self-assessment is voluntary.

Avalon has demonstrated leadership among junior companies in the mineral development sector by producing an annual sustainability report compliant with the Global Reporting Initiative's (GRI) guidelines. Avalon reports on its activities to hold itself accountable; drive innovation; improve company performance; develop management systems and governance for future operations; and to demonstrate the benefits of sustainable practices to its stakeholders. In November 2017, Avalon published its sixth annual sustainability report and its first in accordance with the new GRI Standards, core option.

Avalon has placed among Corporate Knights' Future 40 Responsible Corporate Leaders in Canada in 2015, 2016 and 2018.

During the 2017 reporting period (September 1, 2016 to August 31, 2017), Avalon continued to advance its projects openly and transparently, with a commitment to the economic and social well-being of its projects' local communities.

🔗 For more information, please visit [www.avalonadvancedmaterials.com](http://www.avalonadvancedmaterials.com)



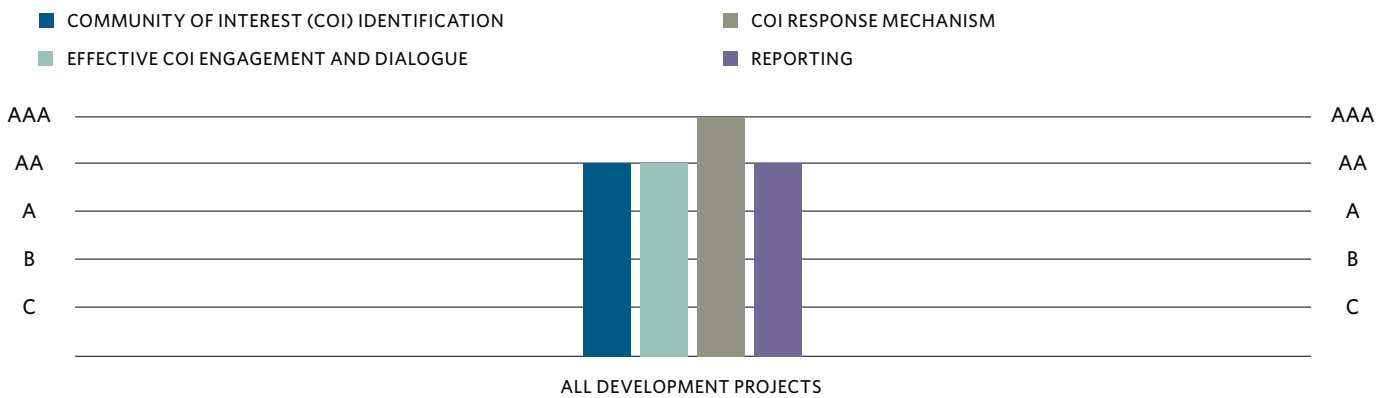
2017 TSM Results

Avalon Advanced Materials

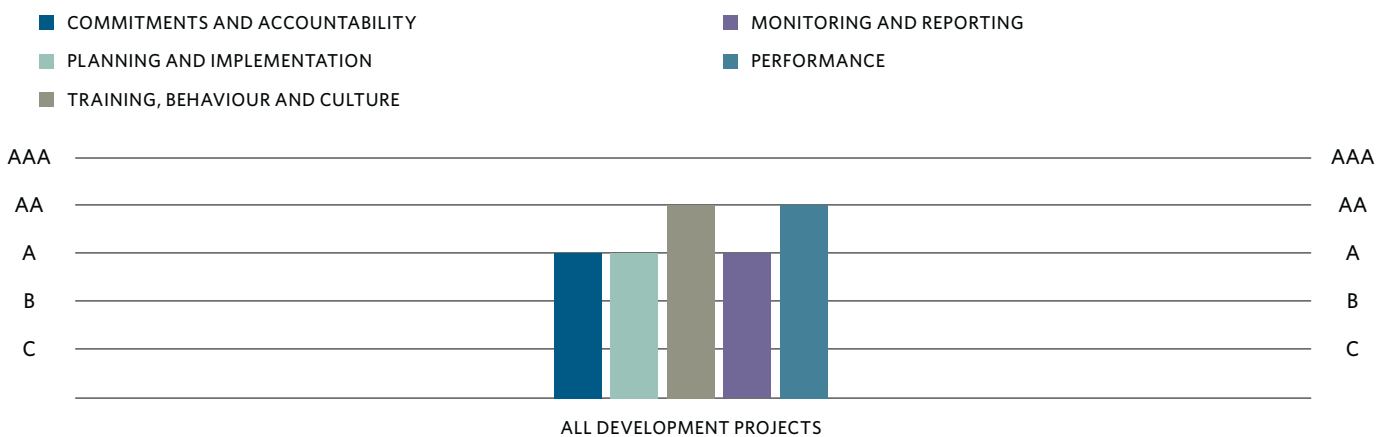
Crisis Management and Communications Planning Assessment

FACILITY	PREPAREDNESS	REVIEW	TRAINING
CORPORATE	✓	✓	✓
ALL DEVELOPMENT PROJECTS	✓	✓	✓

Aboriginal and Community Outreach Assessment



Safety and Health Assessment

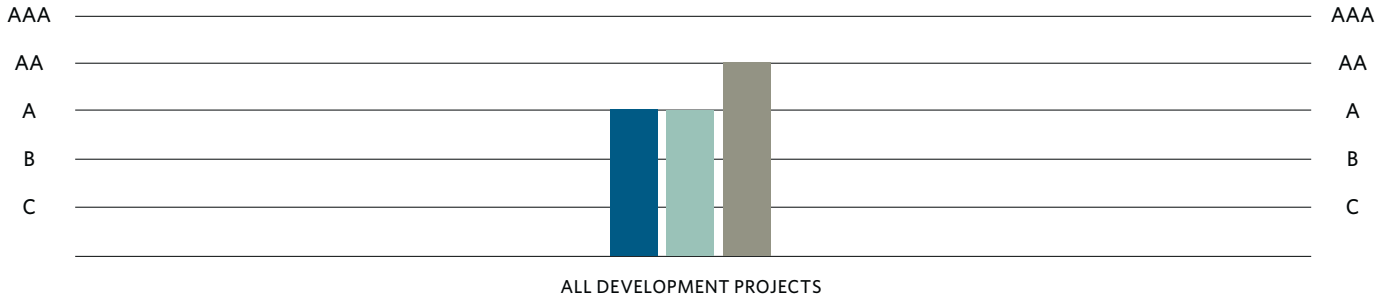


Voluntary self-assessment.



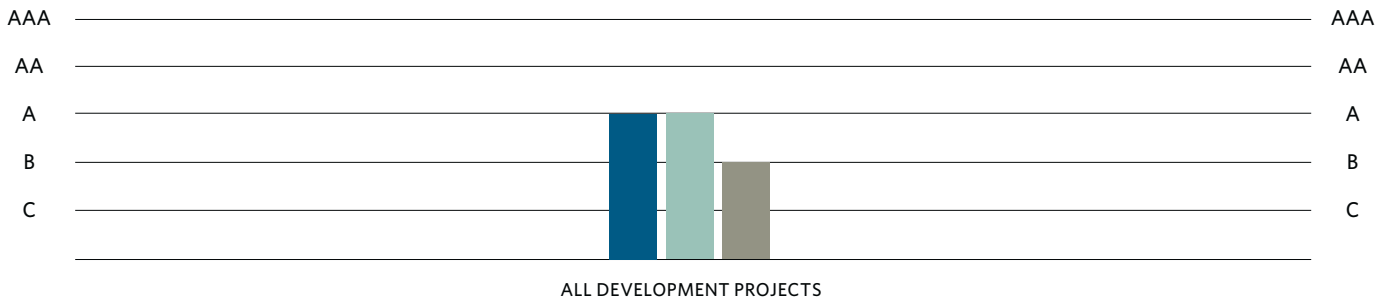
## Biodiversity Conservation Management Assessment

- CORPORATE BIODIVERSITY CONSERVATION POLICY, ACCOUNTABILITY AND COMMUNICATIONS
- FACILITY-LEVEL BIODIVERSITY CONSERVATION PLANNING AND IMPLEMENTATION
- BIODIVERSITY CONSERVATION REPORTING



## Energy Use and GHG Emissions Management Assessment

- ENERGY USE AND GHG EMISSIONS MANAGEMENT SYSTEMS
- ENERGY USE AND GHG EMISSIONS REPORTING SYSTEMS
- ENERGY AND GHG EMISSIONS PERFORMANCE TARGETS



Voluntary self-assessment.

