

# Canada's Responsible Care<sup>®</sup>: The ESG standard for the global chemistry industry

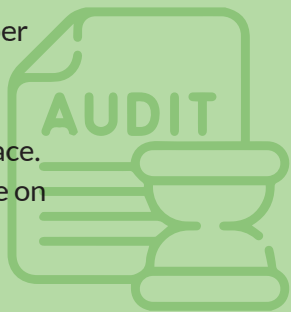
For nearly 40 years, Canada's chemistry sector has led the journey towards safe, responsible and sustainable chemical manufacturing through its U.N.-recognized sustainability initiative, Responsible Care. Canada's original environment, social and corporate governance initiative for the chemistry industry was founded in 1985. It is now practiced in 73 countries and by 96 of the 100 largest chemical producers in the world.

## The Responsible Care Ethic, Principles and Codes

Through Responsible Care, CIAC members strive to the Ethic to ***"do the right thing and be seen to do the right thing."*** They innovate for safer and greener products and processes, and work to continuously improve their environmental, health and safety performance. Our members' commitment to Responsible Care's ethic, principles and codes cover all aspects of the company's business and product lifecycle, leading to safer and more sustainable products and processing.

### Transparency

Every three years, professional auditors visit each CIAC member and partner to ensure the Responsible Care ethic and management systems are in place. Each report is publicly available on our website.



### Engagement

CIAC seeks feedback and guidance on its performance and reporting from our National Advisory Panel – a group of representatives from federal and provincial governments, environmental NGOs, academia, and the chemistry industry.



### Commitment to Social Responsibility

In 2019, CIAC's updated its Responsible Care Codes to include new commitments for Canada's leading chemical companies to engage Indigenous communities through proactive and formal processes. In 2020 CIAC and our members made the commitment to address equity, diversity and inclusion within CIAC members' Canadian operations through our Responsible Care Codes.

## Responsible Care in Action

Canadians have a right to a safe and healthy environment, including strict air and water quality standards. CIAC and its members advocate for transparency and a risk-based approach to chemicals management using the ethic and principles of Responsible Care®.

Each year since 1992, CIAC has collected data through its National Emission Reduction Masterplan (NERM) survey on chemical emissions by members including air, water, land, underground injection, and the offsite transfers of those substances in waste or recoverable materials.

### Since 2005, CIAC members have...



Reduced carbon dioxide equivalent emissions by **13%**



Virtually eliminated large-scale incidents



Reduced sulphur dioxide emissions by **94%**



Reduced their total recordable incident rate by **55%**



Reduced emissions of substances requiring risk management by **26%** as part of commitments under the Canadian Environmental Protection Act (excludes greenhouse gases and critical air contaminants).



Worked with supply chains, from supplier to consumer, to minimize risks through the entire lifecycle of their products, including during product transportation.



Worked with communities living close to our members' facilities to ensure the public understands the risks and benefits of operations and products.



Prepared emergency plans, ensuring communities are ready to respond to chemical-related incidents.

### Since 2012, CIAC members have...



Reduced routine hazardous waste for disposal by **31%**



Reduced routine non-hazardous waste for disposal by **59%**



Reduced net water consumption by **13%**