

# creating chemistry for a sustainable future

We want to contribute to a world that provides a viable future with enhanced quality of life for everyone. We live our corporate purpose by: sourcing and producing responsibly, acting as a fair and reliable partner, connecting innovative minds to find the best solutions for market needs.

Learn more about sustainability initiatives at BASF Canada here:  
[www.basf.com/ca](http://www.basf.com/ca)

# sustainable solutions



**We understand and provide solutions for key industry trends and challenges.**

Accelerators are solutions designed to significantly contribute toward sustainability in the value chain. In Canada 28% of BASF's products sold are accelerators.

By engaging with customers across various sectors, including agriculture, mobility, mining, oil & gas, automotive & construction, and personal care, we understand key industry trends and challenges and accordingly provide suitable accelerator solutions.

We deeply integrate accelerators in our R&D pipeline and business strategies. In order to deliver value to our customers we align our product portfolio to our robust sustainability indicators.

### Engagement on Sustainability Priorities

We held multiple engagement workshops for internal business unit teams to understand sustainability priorities for customers and build awareness on accelerator product solutions.

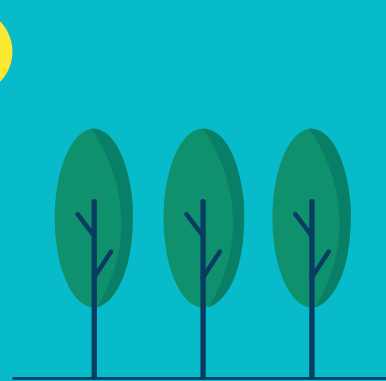


### BASF Group Goal

Increase the sales of Accelerator solutions to €22 billion by 2025.

ENERGY AND GHG EMISSIONS

# climate protection



**We work continuously to further reduce emissions from our production and value chain.**

We are pioneers in the chemical industry. Through its formalized Carbon Management Program, BASF is committed to energy efficiency and climate protection along the value chain.

Our carbon reduction strategies are guided by the level of control we have over operations, and our impact on the environment. We are supporting an innovative approach to growing Canada's renewable energy industry. BASF purchases a total of 10,000 MWh renewable energy from our partner, Bullfrog Power.



### BASF Group Goal

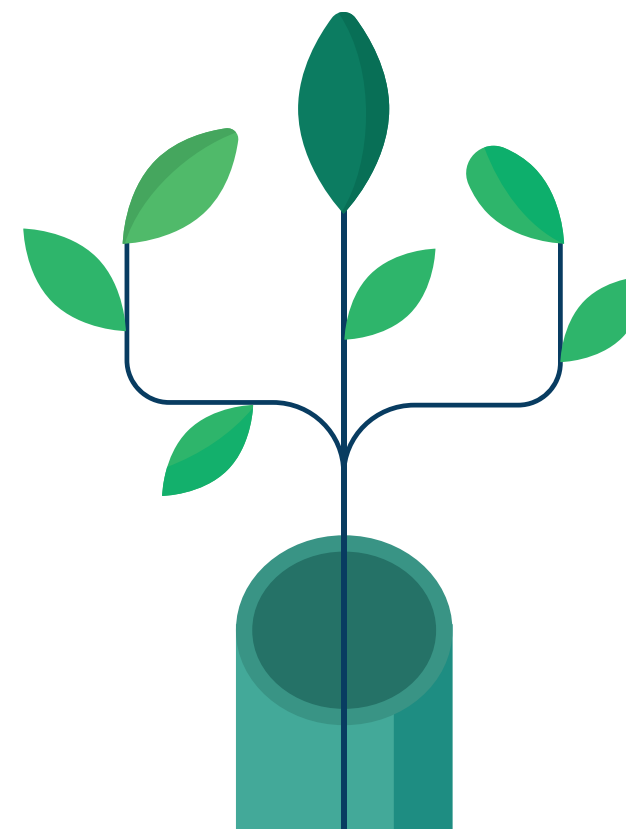
Aiming for CO<sub>2</sub>-neutral growth by 2030.

# circular economy

**The chemical industry is best positioned to enable other industries to become more circular. BASF Canada supplies many inputs that enhances product circularity.**

We focus on increasing efficiency of our processes, enhancing effectiveness of products and solutions, and turning waste into resources, using a closed-loop approach.

CIRCULAR ECONOMY



ENGAGING WITH OUR COMMUNITIES

**"It's because of partnerships like these that we are able to build clean, healthy and vibrant communities across Canada."**

The Honourable Navdeep Bains, Minister of Innovation Science and Economic Development, commenting on BASF-Bullfrog partnership



# community engagement

**We aim to contribute to a world that provides a viable future with enhanced quality of life.**

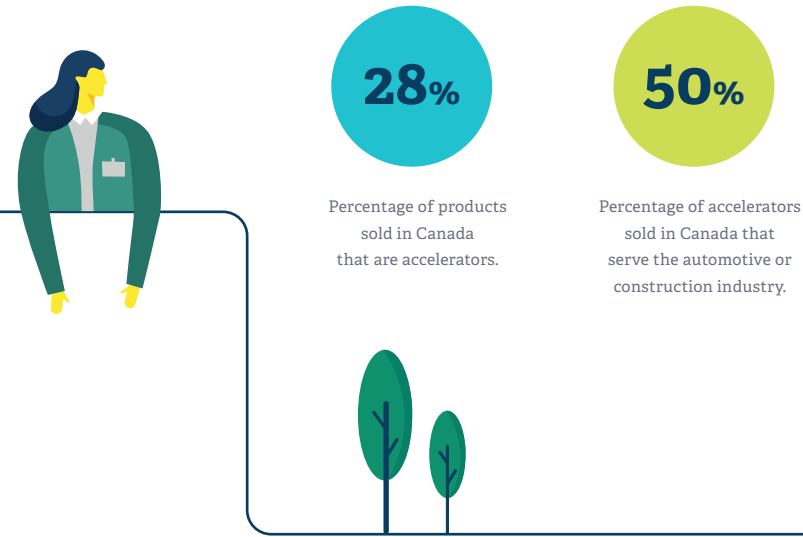
The communities where we live and work are important to BASF Canada. We engage with indigenous communities through our commitment to Responsible Care Indigenous Code.

### Supporting Aboriginal Economic Development

We are focused on creating employment and training opportunities for indigenous communities along our value chain.

PROACTIVE PRODUCT STEWARDSHIP

## Contributing to Canada's Clean Revenue



### Construction

BASF Canada works closely with industry stakeholders to enable sustainable contributions to construction projects. These products help buildings and homes be more durable, require fewer resources for maintenance, and make them more energy efficient.

### Food & Nutrition

BASF Canada helps farmers to increase the yields and the quality of their crops. For instance, AgBalance®, an assessment tool developed by BASF allows farmer to review, in real time, the contribution to sustainability that their current operation makes.

#### Looking Forward

### Sustainable Customers Leadership Award Program

In 2020, we are launching an award program to recognize customer leadership in sustainability. Customers will be invited to partake in the program based on their sustainability achievements. We are proud to deepen our partnerships with responsible customers who share our commitment to sustainability and proactive product stewardship.

## ENERGY AND GHG EMISSIONS

## Leveraging Renewable Energy with Bullfrog Power

We are committed to renewable electricity at our Canadian sites. Bullfrog's electricity comes from a blend of wind and low-impact hydro power sources from new Canadian renewable energy facilities.

**8** BASF's Canadian facilities powered by renewable energy

**1,305** Cars off the road for the year

The renewable energy commitment resulted inequivalent of taking nearly 1,305 cars off the road for the year.

**22-kilowatt** solar project

BASF Canada supports this solar project in Hiawatha First Nation community.

**6,185 tCO<sub>2</sub>e** Saved with bullfrog power since 2018

**\$154,000** Community energy savings over 25 years

### Supporting Solar Installation in the Hiawatha First Nation Community

Through our collaboration with Bullfrog Power, we were able to integrate renewable energy into the landscape of the Hiawata First Nation by supporting a 22-kilowatt (kW) solar installation, generating community savings of \$154,000 over 25 years. We worked with the community, helping them craft their own vision for environmental sustainability.

### Energy Optimization

We are focused on enhancing energy efficiency at our Canadian sites. We are deploying NRStor C&I's emission-free behind-the-meter energy storage at our production facility in Windsor, Ontario. It will allow the site to manage peak electricity usage, reduce energy consumption and generate cost savings.

#### Looking Forward

### Carbon Neutral Growth Target

In 2020, we will continue to grow but remain carbon neutral by extending the allocation of renewable electricity to our newly acquired sites.

## Advancing Subject Matter Expertise



### Funding future leaders for transition to a circular economy

BASF Canada has partnered with McMaster University and CRH to provide guidance as an industry advisor to the first Circular Economy certificate course in Canada. We sponsored one seat for the certificate, providing a Canadian sustainability practitioner the opportunity to take one of the courses, at no cost.

#### Product Spotlight

### Rheomax® ETD

Rheomax® ETD is an innovative polymer used to significantly reduce water consumption in mining operations. It allows for faster reclamation of the land and limits overall footprint of mining operations.

### ALLIANCE TO END PLASTIC WASTE

BASF is a founding member of the Alliance to End Plastic Waste. The Alliance made up of nearly 30 companies have committed to investing \$1.5 billion over the next 5 years to end plastic waste in the environment.

**\$1.5 billion** Over 5 years

#### Looking Forward

### Launching a Pilot to Advance Circular Economy

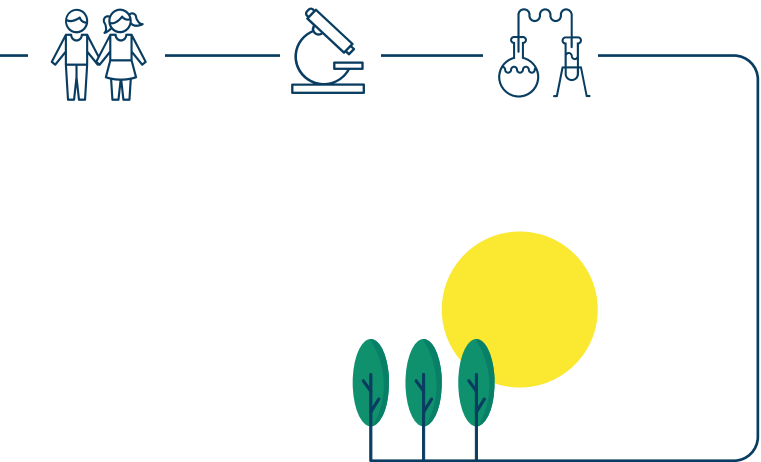
In 2020, BASF Canada is launching a pilot in British Columbia that enables monitoring and proving of the recyclability of plastic waste. The pilot will mobilise a consortium of stakeholders along the plastics value chain to create a local circular economy.

## ENGAGING WITH OUR COMMUNITIES

## Supporting the Leaders and Communities of Tomorrow

### BASF Canada's Kids' Lab Program

We recognize that today's students will be the leaders of tomorrow. Together with Earth Rangers, BASF Canada's Kids' Lab program has reached over 5,500 students in schools and Indigenous communities across Canada. The program reinforces our commitment to STEM education and enables youth to experience the wonders of chemistry through safe and engaging experiments.



#### Looking Forward

### Attaining Progressive Aboriginal Relations Certification

BASF Canada is working towards a Bronze level certification of Progressive Aboriginal Relations (PAR) in 2020. This programme certifies organisations that generate economic opportunities for Aboriginal communities.





# Supporting the UN Sustainable Development Goals

At BASF Canada, we contribute to achievement of the UN Sustainable Development Goals (SDGs). We are a founding member of Global Compact Network Canada and implement the ten principles conceived by the Global Compact within the organization.

## Our 2019 Contribution



**Primary Focus**

Partnerships for the Goals  
Goal 17



**Zero Hunger**  
Goal 2



**Gender Equality**  
Goal 5



**Affordable and Clean Energy**  
Goal 7



**Decent Work and Economic Growth**  
Goal 8



**Responsible Consumption and Production**  
Goal 12



**Climate Action**  
Goal 13

## Awards & Recognition



**Global Compact**  
Network Canada

Global Compact Network Canada  
SDG Award



Canada's Safest Employer Award  
(Chemistry Category)



Canada's Top 100 Employer Award