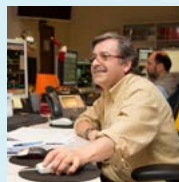




# 2015 Responsible Care® & Sustainability Report

together,  
we create a different kind of energy.



methanex<sup>TM</sup>  
the power of agility

A RESPONSIBLE CARE® COMPANY

# ABOUT THIS REPORT

Welcome to Methanex’s 2015 Responsible Care and Sustainability Report. This report covers the period of January 1 to December 31, 2015, and focuses on our performance and impact in five key areas: Sustainable Energy Uses of Methanol, Environment, Workplace, Community and Product Stewardship.

This report’s theme is *Together, we create a different kind of energy*, and is based on our Employee Value Proposition (EVP). Our EVP includes three pillars: Talented Team, Powerful Impact and Bright Future.

## Talented Team

At Methanex, you’ll work with a team of exceptional people who are quick, driven, and caring. Our strong global culture enables us to work together across functions, disciplines and regions toward our shared vision.

## Powerful Impact

You can create a real impact here. An unprecedented period of business growth is bringing new opportunities, giving you the chance to get involved in a diverse range of innovative and challenging projects that will energize you and those around you.

## Bright Future

Maintaining our leadership position means continuously growing and developing our people. We’re committed to ensuring you have the knowledge, tools and opportunities to maximize your potential.

As part of our commitment to Responsible Care and sustainability, we have been reporting annually to the public about our global activities since 1997. We report on assets over which Methanex has direct or part ownership and full operational control. In the case of our wholly owned subsidiary Waterfront Shipping Ltd. (Waterfront), our reporting boundary includes time or spot chartered vessels to the extent that Waterfront has commercial control through charter party contracts.

For additional information about our Responsible Care programs and initiatives, please visit [www.methanex.com](http://www.methanex.com).

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*This report may contain forward-looking statements. By their nature, such forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those contemplated by the forward-looking statements. For a discussion of these risks and uncertainties, please refer to the Risk Factors section of the Management’s Discussion and Analysis, which can be found in our most recent Annual Report or on our website at [www.methanex.com](http://www.methanex.com).*



# MESSAGE FROM THE CEO

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In 2015, we launched our Employee Value Proposition (EVP) – *Together, we create a different kind of energy* – as an extension of our brand and to help define the Methanex employee experience. Our strong global culture – along with our talented team of employees committed to innovation, collaboration and growth – enables our leadership position in the industry.

I am consistently inspired and energized by our employees. With approximately 1,300 employees, we're a small team in many ways, but we're making a Powerful Impact. Every team member has an important role to play in delivering on our brand promise to customers every day.

In 2015, we had many examples of our strong culture in action, with team members working together, safely and reliably, to grow our business and expand our operations.

We've been expanding our production base by relocating two methanol plants from Punta Arenas, Chile, to Geismar, Louisiana. Geismar 1 was completed in late 2014, and in 2015 we completed construction on Geismar 2. I'm proud to report that during construction, Geismar 2 had outstanding personal safety performance (similar to Geismar 1) with no significant incidents. This truly sets the bar for projects of this scale. I particularly want to recognize the efforts of our employees and contractors who made this possible.

The subsequent start-up and performance of both our Geismar 1 and 2 plants in 2015 was a company-wide achievement. Since Geismar 1 began production in January, it has shown great reliability and efficiency, surpassing the 3,000 tonnes/day mark. Geismar 2 first produced methanol in December, three months ahead of schedule.

Our Medicine Hat, Alberta facility went through a planned major refurbishment in 2015, which has greatly increased plant reliability and sustainability. At the peak of the turnaround, more than 850 workers were on site to undertake a large, complex scope of work that included an extensive overhaul of the largest components of the plant.

Across all of our facilities, our environmental performance continued to improve. For the second consecutive year, we had zero reportable environmental spills. With six manufacturing sites operating and significant heavy maintenance works in Medicine Hat and New Zealand, this is a very good result and reflects our continued efforts in environmental practices.

In 2015, our employees continued to *create a different kind of energy* by volunteering and making a positive impact in our communities. We also continued to focus on community engagement: in 2015, we held 29 Community Advisory Panel meetings globally, ensuring we communicate with and establish positive relations with our communities.

We continue to strive for a zero-injury workplace. Our recordable injury performance also continues to improve over the years. However, we're seeing a concerning industry trend in the severity of workplace injuries, as well as the number of incidents with potential for significant injury. While we have a well-developed safety program at Methanex, these results are a sharp reminder for us to refocus some of our processes and approaches to engage the hearts and minds of our team members on safety.

Initiated in 2015, our Switch-on to Responsible Care Workshop was designed for just that purpose. We are also working with our leaders to encourage a focus on visible and positive leadership, setting and communicating safety expectations, and re-establishing discipline around planning work and managing hazards on the job.

2015 also saw a substantial amount of work being done to build markets for methanol marine fuel and vehicle fuel blending. As a clean-burning fuel, methanol is a sustainable energy alternative for the shipping industry. In April, the Stena Germanica, the world's first methanol-powered ferry, sailed her maiden voyage running on methanol. To further demonstrate methanol as a sustainable marine fuel, our wholly owned subsidiary Waterfront Shipping has been working with partners to take delivery of seven new ships in 2016. These ships will be equipped with dual fuel engines capable of operating on methanol or traditional marine fuels.

In 2016, we'll be furthering our efforts in sustainable uses of methanol, and will continue efforts to maintain a strong safety performance. Our team members are at the heart of it all. Through a focus on safety, reliability and sustainability, we'll continue to drive our Responsible Care performance and leadership position in the methanol industry. We've got a Bright Future ahead.

**John Floren**  
President and Chief Executive Officer



# ABOUT METHANEX

Methanex Corporation is the world's largest producer and supplier of methanol to major international markets in North America, Asia Pacific, Europe and South America. With a corporate office in Vancouver, Canada, we currently operate methanol production sites in Canada, Chile, Egypt, New Zealand, Trinidad and Tobago, and the United States. In 2015, our sales volumes of 8.5 million tonnes represented approximately 14% of global methanol demand.

We are proud to be the primary supplier to some of the world's largest consumers of methanol. Our customers are predominantly in traditional chemical industries, and use methanol in countless industrial and consumer products. Methanol is also used in the energy sector as a clean-burning, readily biodegradable alternative transportation fuel and source of power.

We recently expanded our production base in the US by relocating two methanol plants from Punta Arenas, Chile to Geismar, Louisiana. The Geismar 1 plant started up in January 2015. The Geismar 2 plant became operational in December 2015.

To meet the needs of our global customers, we have regional marketing offices in Beijing, Brussels, Dubai, Dallas, Hong Kong, Santiago, Seoul, Shanghai and Tokyo. Our distribution terminals and storage facilities are strategically located around the world, with key distribution hubs on the US Gulf Coast, Latin America, Northwest Europe, Korea, and East and South China.

We are proud to have the world's largest fleet of methanol ocean tankers, managed by Waterfront Shipping Limited, a wholly owned subsidiary of Methanex.

In 2015, we employed approximately 1,300 people at our plants and offices around the world.

In 2015, our revenues were \$2.2 billion USD. Demand for methanol grew by 5% (or 3 million tonnes) in 2015. This increase in demand was driven primarily by growth in the Asia Pacific region, and related to merchant MTO (methanol to olefins) facilities and other energy applications.

Over the last several years, the methanol market has become increasingly multi-faceted, due to the growing number of applications for methanol and methanol derivatives around the world.



## Methanol Usage by Application



- 29% Formaldehyde
- 10% Acetic Acid
- 11% Methyl Tertiary Butyl Ether (MTBE)
- 5% Dimethyl Ether (DME)
- 12% Fuel Blending
- 11% Methanol to Olefins (MTO)
- 3% Biodiesel
- 19% Other

## Methanol Usage by Region



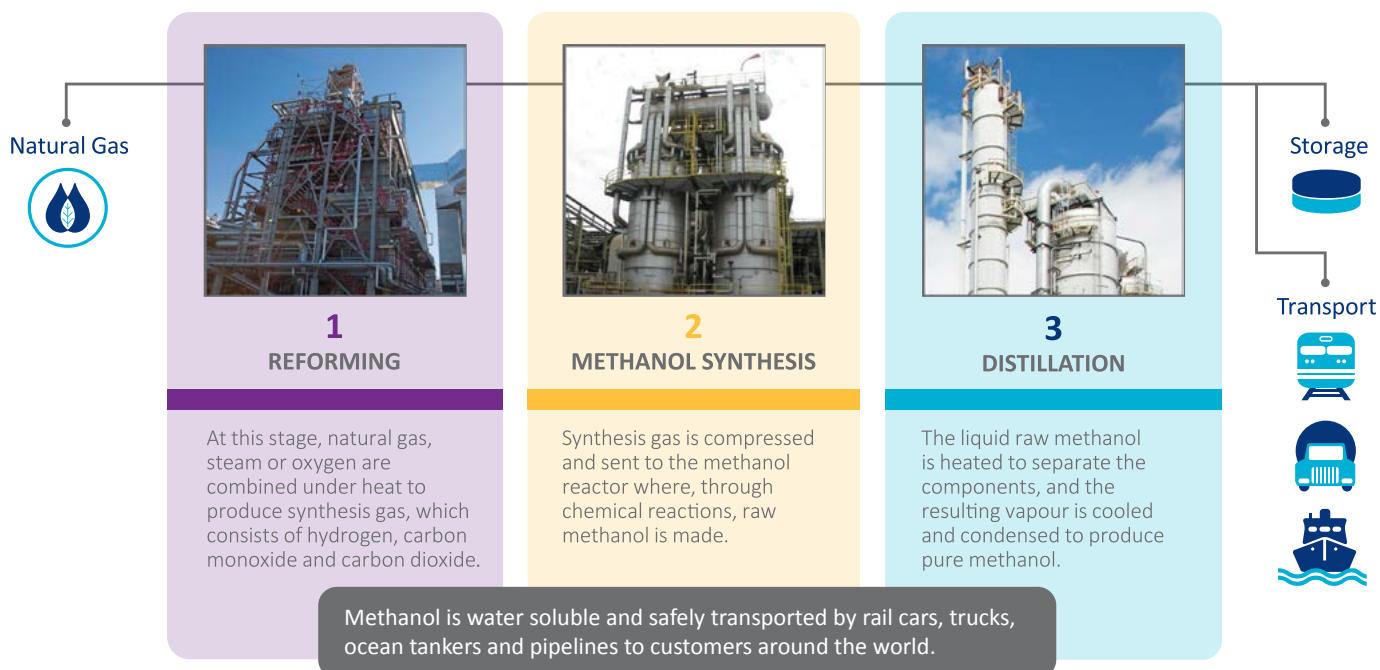
- 21% Asia Pacific (ex. China)
- 43% China
- 4% Latin America
- 20% Europe
- 12% North America

## WHAT IS METHANOL?

Methanol ( $\text{CH}_3\text{OH}$ ) is made of hydrogen, oxygen and carbon. It can be produced from a variety of sources, including natural gas and coal, as well as renewable sources such as municipal waste, landfill gas, biomass and captured carbon dioxide ( $\text{CO}_2$ ). Methanol is most commonly produced on an industrial scale by combining natural gas with steam or oxygen to produce synthesis gas, which is then converted to raw methanol and distilled to create pure methanol. The result is a clear, liquid, organic chemical that is water soluble and readily biodegradable.

Approximately 60% of all methanol is used to produce traditional chemical derivatives (e.g., formaldehyde, acetic acid) to make hundreds of industrial and consumer items that we use in our lives every day. These include building materials, foams, resins, paints, plastics and various health and pharmaceutical products. Approximately 40% of methanol is used in energy-related applications (see following page).

## How Methanol is Made



Energy-related applications include direct gasoline blending, dimethyl ether (DME) and biodiesel.

Methanol blending into gasoline offers an alternative to the import of petroleum products, and additional clean-burning fuel choices to consumers. Methanol blending enables the extension of the fuels pool through the use of feedstocks such as coal, gas and biomass to produce methanol, which can be used as a substitute for imported gasoline.

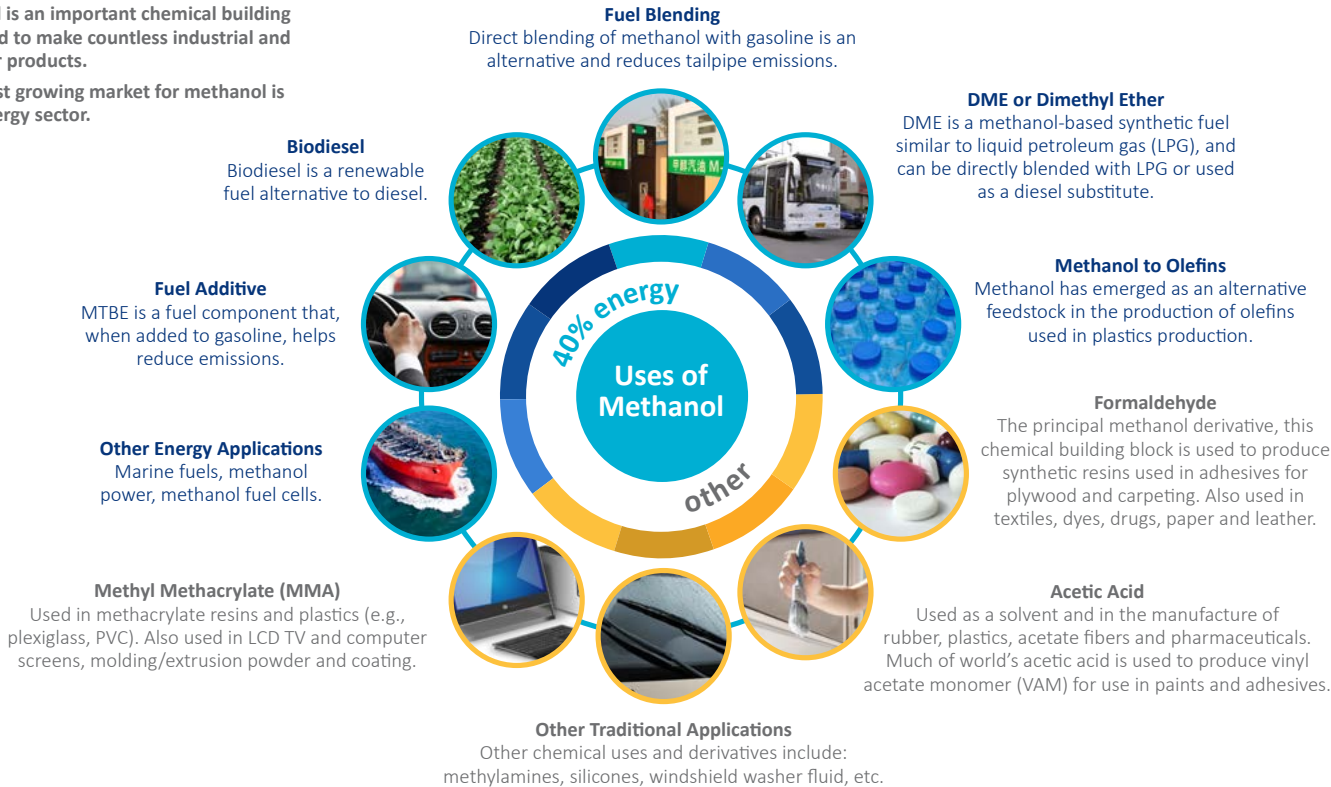
MTO (Methanol to Olefins) has emerged in China as an alternative to naphtha-based production technology in the production of olefins such as ethylene, propylene and other plastic products.



Methanol in our Lives

Methanol is an important chemical building block used to make countless industrial and consumer products.

The fastest growing market for methanol is in the energy sector.







# RESPONSIBLE CARE® AND SUSTAINABILITY AT METHANEX

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At Methanex, we want to be in business for the long term. This involves more than making sound decisions around finances and growth. We also need to have a positive impact on the communities and environments in which we live and work. A healthy and sustainable infrastructure is essential for ensuring our business remains robust, and our people and communities thrive and grow.

## **Global Demand for Methanol**

As the global demand for energy continues to grow, so does the demand for methanol as an alternative source of energy and fuel. China, a large driver for our business, is expected to represent more than 50% of global demand for methanol by 2019. Other regions across Europe, Australia and Latin America are demonstrating interest in emerging energy applications, such as fuel blending, marine fuels and methanol to power.

Oil prices are already an important driver of methanol prices as a result of growth in energy applications, and this influence will continue to grow as energy applications become a bigger part of total methanol demand.

## **Methanol as a Sustainable Energy Option**

Methanol is an attractive, economically viable alternative that can provide fuel diversity, reduce emissions and increase consumer choice. As a clean-burning fuel, methanol can be blended directly into gasoline to produce a high-octane fuel that produces fewer emissions than conventional gasoline. Methanol is also used to produce methyl tertiary butyl ether (MTBE), a gasoline additive

that is used as an oxygenate to raise the octane number, as well as dimethyl ether (DME), a clean-burning fuel with similar properties to propane. Finally, it's a key component in the production of biodiesel, a renewable fuel that can be blended with conventional diesel or used on its own to power cars, trucks, buses, ships and farm equipment.

Methanol can also be produced from renewable resources like biomass, landfill gas and CO<sub>2</sub>. The challenges of developing renewable methanol include the scale of its production, its economics relative to competing fuels, and both policies and regulations regarding renewable fuels. Feedstock availability (i.e., biomass, CO<sub>2</sub>) is an additional market driver, but in the case of renewable methanol, is not expected to be a primary limiting factor.

OUR APPROACH

We have consistent strategic, organizational and compliance approaches across Methanex to strengthen Responsible Care and sustainability. These consist of our global strategy, clear accountability for Responsible Care and sustainability, our culture and our rigorous Responsible Care program.

Our Global Strategy

Our strategy is to enhance our leading market position to safely and responsibly grow the methanol market. Through a culture of collaboration and continuous improvement, we want to encourage market growth of alternate methanol uses, continue to deliver a secure supply, be a global leader in Responsible Care, and maintain the highest level of reliability in the industry.

Our Global Strategy is based on three pillars: Global Leadership, Low Cost and Operational Excellence.

**Global Leadership** – Our goal is to maintain a global presence and leadership position in the methanol industry, supported by a flexible supply chain to meet our customers’ needs.

**Operational Excellence** – We focus on running safe, reliable plants, and a reliable marketing and logistics operation, so we can provide quality methanol to our customers when and where they need it.

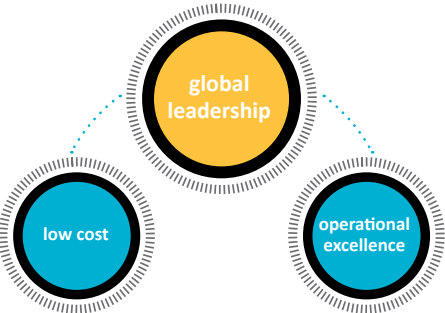
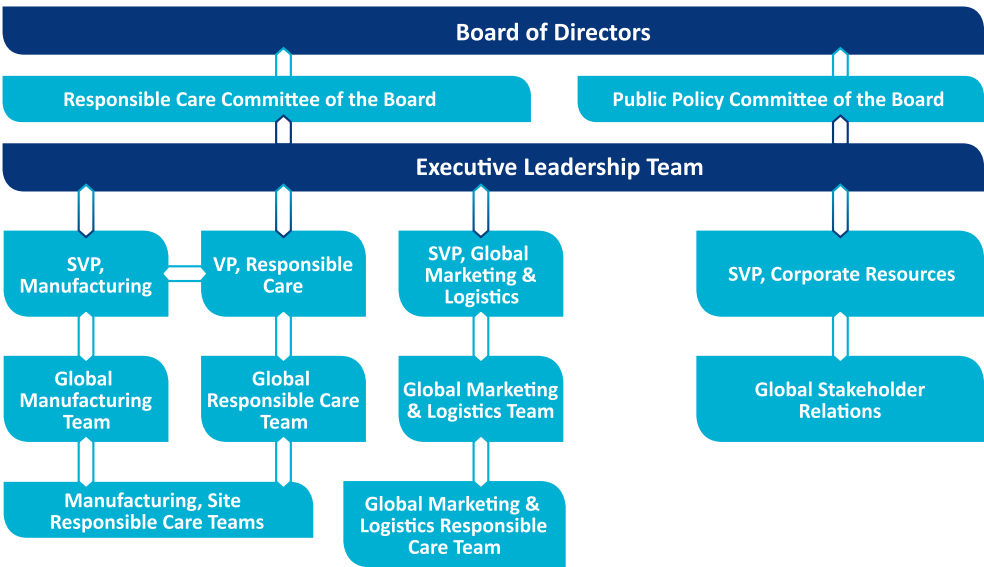
**Low Cost** – We provide value, and maintain a competitive position on the cost curve, so we can provide a secure, value-driven supply to our customers on a sustainable basis, through all stages of the methanol price cycle.

Clear Organizational Accountability

Our corporate governance policies ensure that business decisions and practices live up to the highest values of accountability, ethical behaviour and Responsible Care.

Our Responsible Care and Social Responsibility policies and practices are established by our Executive Leadership Team and endorsed by our Board of Directors. The Board’s Responsible Care Committee oversees safety and environmental programs, while the Public Policy Committee focuses on our Social Responsibility Program.

The Board, through these two committees, monitors ethics, accountability, governance, business relationships, operations, stewardship, community involvement, people and the environment. Together these two committees provide oversight of Responsible Care and Social Responsibility at Methanex.

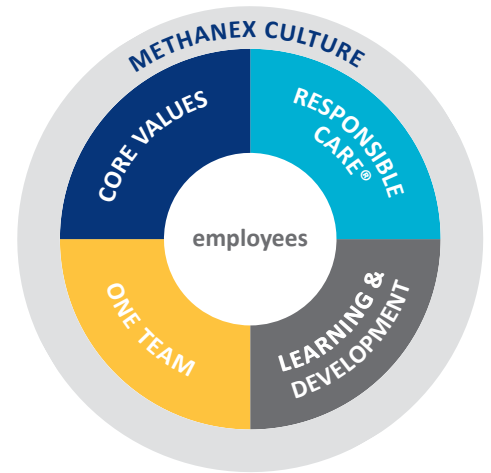




## Culture

Our employees are central to all that we do. Together we create a culture that drives our performance.

Our culture enables our global team of employees to deliver our key differentiator -- *The Power of Agility™*. This is our competitive advantage, and how our global team of employees delivers on our brand promise every day.



Global Responsible Care Team meeting in Damietta, Egypt

## Responsible Care Program

Our Responsible Care Program is founded on the Responsible Care Ethic and Principles for Sustainability, a United Nations recognized sustainability initiative adopted by the global chemical industry to enhance community safety, employee health and safety, environmental protection, product stewardship and social responsibility. In November 1997, Methanex became the first chemical company in the world to receive global verification under Responsible Care.

## The Responsible Care® Ethic & Principles for Sustainability

The principles of Responsible Care are key to our business success, and compel us to:

- Work for the improvement of people's lives and the environment, while striving to do no harm
- Be accountable and responsive to the public, especially our local communities, who have the right to understand the risks and benefits of what we do
- Take preventative action to protect health and the environment
- Innovate for safer products and processes that conserve resources and provide enhanced value
- Engage with our business partners to ensure the stewardship and security of our products, services and raw materials throughout their life cycles
- Understand and meet expectations for social responsibility
- Work with all stakeholders for public policy and standards that enhance sustainability; act to advance legal requirements and meet or exceed their letter and spirit
- Promote awareness of Responsible Care, and inspire others to commit to these principles

## Global Responsible Care® Management System

Our Global Responsible Care Management System (GRCMS) supports our strategic pillars of Global Leadership, Operational Excellence and Low Cost, and helps us implement the Responsible Care Ethic and Principles for Sustainability. It is based on the Chemistry Industry Association of Canada's (CIAC's) Responsible Care ethic, principles for sustainability and codes of practice, and follows a "Plan, Do, Check, Act" cycle to enable continuous improvement. This rigorous integrated management system covers all aspects of our program: health, safety, environment, security, process safety, reliability, emergency preparedness, crisis management, social responsibility, sustainability and product stewardship, both globally and locally.

To ensure compliance with the GRCMS, we have a global risk-based Responsible Care internal audit program that reviews higher-level management practices. This program also helps us assess performance, manage risk, verify conformance with laws and internal requirements, and drive continual improvement. We communicate regularly to the Board about the overall health of our Responsible Care systems.

We use third-party assessments to provide external benchmarking and maintain integrity of our processes. Verification, which occurs on a three-year cycle, is primarily conducted through the CIAC or, in Trinidad and Louisiana, the American Chemistry Council RC 14001.

## STAKEHOLDER ENGAGEMENT

Our Responsible Care Purpose & Values statement and Social Responsibility Policy ensure we recognize and respond to community concerns about our operations and products, and that we promptly provide information concerning any potential health or environmental hazard to the appropriate authorities, employees and stakeholders.

Our Social Responsibility Policy further commits us to having an open, honest and proactive relationship in the communities in which we operate. This includes:

- Being accountable and responsive to the public
- Having effective processes to identify and respond to community concerns
- Informing the community about risks associated with our operations

Our Key Stakeholders

- Team members
- Customers and methanol end users
- Investors and shareholders
- Industry partners, suppliers and contractors
- Community members and industry associations
- Government and regulatory agencies



Tree planting day to improve the Waitara Valley Swamp Forest in New Plymouth, NZ

The way we engage and collaborate with our stakeholders is guided by the CIAC's Codes of Practice, which defines expectations for a company's actions related to the principles of accountability.

We engage with our stakeholders in a variety of ways:

- Customer surveys
- Quarterly updates and reputation audits
- Product stewardship outreach efforts and public policy engagement initiatives
- Community Advisory Panels (see below)
- Methanex Community Days for the general public to learn more about methanol production
- Employee surveys
- The Methanol Group
- Collaboration/consultation on labour, community and environmental practices
- Advocacy work relating to environmental policies, health and safety regulations, international trade and taxation issues
- Industry associations, i.e., the Methanol Institute

We have established Community Advisory Panels (CAPs) at our manufacturing locations to promote communication between Methanex and our fenceline communities. Composed of a cross-section of independent community representatives, these CAPs provide a valuable forum for open and honest communications.

## MATERIAL ASPECTS

Material aspects refer to topics that are of significant interest to our stakeholders or that have economic, environmental or social impacts on Methanex, our stakeholders and society at large.

We identify our top material aspects through an internal assessment of topics that are important to our key stakeholders and influence Methanex's success in the longer term.

This report includes descriptions of how we manage our material aspects and, for some aspects, our quantitative measures, or Key Performance Indicators (KPIs). These KPIs help us drive progress and measure conformance with our policies in Responsible Care, product stewardship and human resources/talent management. They also reveal trends and help us identify issues that require further action.

These material aspects were identified as a priority based on a management review and are emphasized within this report:

### Sustainable Energy Uses of Methanol

- Methanol as Transportation Fuel
- Methanol as a Power Source
- Renewable Methanol

### Environment

- CO<sub>2</sub> Emissions and Efficient Use of Energy
- Water Management
- Waste Management
- Spills

### Workplace

- Talent Management
- Health and Safety

### Community

- Community Impact
- Community Investment

### Product Stewardship

- Safe Distribution and Handling
- Methanol User Safety



# SUSTAINABLE ENERGY USES OF METHANOL

At Methanex, we are working together to create a different kind of energy, supporting the development of new, innovative methanol applications. As the global demand for energy continues to grow, so does the demand for methanol as an alternative source of energy and fuel.

## Sustainable Energy Uses: Our Responsible Care Ethic and Principles of Sustainability

- Engage with our business partners to ensure the stewardship and security of our products, services and raw materials throughout their life cycles
- Innovate for safer products and processes that conserve resources and provide value
- Work with all stakeholders for public policy and standards that enhance sustainability

Methanol is an attractive, economically viable alternative that can provide fuel diversity, reduce emissions and increase consumer choice. As a clean-burning fuel, it can be blended directly into or substituted for gasoline to produce a high-octane fuel that produces fewer emissions. Technologies are also being developed to use methanol in diesel road applications.



## The Benefits of Methanol Fuel



### It's a low-emission fuel

Methanol is a clean-burning fuel that produces fewer smog-causing emissions — such as sulphur oxides (SOx), nitrogen oxides (NOx) and particulate matter — and can improve air quality and related human health issues.



### It's economical, with low infrastructure costs and engine conversion costs

Methanol can be produced, distributed and sold to consumers at prices competitive to those of gasoline and diesel with no need for government subsidies.



### Methanol is biodegradable

Methanol is a clear, colourless liquid that quickly dissolves in water and biodegrades rapidly. The environmental effects of a large methanol spill would be much lower than those from an equivalent oil spill.



### It can be made from a variety of sources, including renewables

Methanol is most commonly produced on a commercial scale from natural gas. It can also be produced from renewable sources such as biomass and recycled carbon dioxide and anything that is, or ever was, a plant.



### It's high-octane – improving performance and efficiency

As a high-octane vehicle fuel, methanol offers excellent acceleration and power. It also improves vehicle efficiency.



### It's used in vehicles worldwide

Methanol fuel blends are used in vehicles around the world, particularly in China. With more than 100 million passenger vehicles, China is the world's largest user of methanol for automotive fuel.



### Methanol can be used as a marine fuel

Risk classification societies have developed standards for methanol as a marine fuel. Methanol lowers SOx emissions and meets legislation from the International Maritime Organization (IMO) for the use of low sulphur fuels.



### It's accessible all around the world

Methanol is one of the top five chemical commodities shipped around the world each year, and unlike some alternative fuels, is readily accessible through existing global terminal infrastructure.

Methanol has promising applications as a marine fuel. It's a key component in the production of biodiesel, a renewable fuel that can be blended with conventional diesel or used on its own to power cars, trucks, buses and farm equipment. Methanol is also used to produce methyl tertiary butyl ether (MTBE), a gasoline additive that is used as an oxygenate to increase the fuel octane number, as well as dimethyl ether (DME), a clean-burning fuel well suited for diesel engines. There is also great potential for using methanol as a power source, including large power plants in isolated regions, and industrial boilers.

Renewable methanol, which can be produced via municipal waste, industrial waste, biomass and carbon dioxide, has been demonstrated to be a successful replacement for gasoline and diesel.

### WHY THIS MATTERS

Governments and stakeholders around the world are looking to reduce their dependency on conventional fuels, improve air quality and reduce greenhouse gas emissions (GHG). Methanol is clean-burning, improves efficiency and can be made from a variety of sources, including renewables, which lowers GHG emissions.

China is a large driver for our business and leads the world in the use of methanol as an alternative transportation fuel. Other regions across the globe are demonstrating interest in emerging energy applications such as vehicle fuels, marine fuels and methanol to power.

In addition, new environmental regulations from the IMO – the global standard-setting authority for the safety, security and environmental performance of international shipping – require ships to decrease emissions of SOx and NOx. With its clean-burning qualities, methanol can reduce or eliminate these smog-contributing emissions, which can help improve air quality and related human health issues.

#### HOW WE ARE MANAGING IT

Successful integration of methanol into the energy sector requires broad industry collaboration and mutual sharing of research and development that will benefit methanol initiatives globally. Our role is to champion and lead thinking in this area.

Methanex is also focused on growing energy applications in countries around the world to provide economic and environmental benefits while enhancing our social license to operate. We support uses of methanol as energy through: methanol as transportation fuel, methanol as power, and renewable methanol.







### **Methanol as Marine Fuel**

We are investing in new sustainable technology for our shipping fleet and participating in numerous initiatives involving methanol as a clean-burning marine fuel.

Methanex partnered with engine manufacturers (MAN Diesel and Wartsila), Stena and our shipowners to develop efficient methanol dual-fuel engines. Other engine manufacturers and stakeholders are also advancing projects to commercialize methanol as a marine fuel. We are a partner with the EU-supported LeanShips project, which is focused on methanol-powered cruise ships and ferries, and developing solutions for the smaller marine engine market.

### **Methanol as Vehicle Fuel**

We are supporting the development of regulations, standards and pilot projects for methanol as vehicle fuel through our involvement in the Methanol Institute. We also participate in national and international initiatives to promote methanol as a clean fuel and to advocate for its safe handling.

### **Methanol as a Power Source**

Over the last three years there has been increasing interest in methanol's use as a fuel for power generation and industrial boilers, particularly in China, largely for environmental reasons.

Trials have taken place in some countries (e.g., Israel), demonstrating methanol's potential for power generation (see sidebar story).

### **Renewable Methanol**

Methanex is also a key shareholder and has Board representation on Carbon Recycling International (CRI). A privately held company with headquarters in Reykjavik, Iceland, CRI operates a renewable methanol plant in Iceland. CRI utilizes emissions-to-liquids (ETL) technology to convert renewable geothermal energy and recycled CO<sub>2</sub> emissions to renewable methanol.

CRI markets its renewable methanol in Europe, under the registered brand name Vulcanol, where it is blended with gasoline and used for production of biodiesel. Vulcanol is certified by the International Sustainability and Carbon Certification system (ISCC) as an ultra-low carbon advanced renewable transport fuel with 90% fewer emissions.

### **HOW WE ARE DOING**

#### **Methanol as Marine Fuel**

Interest in methanol as a marine fuel is growing globally, and methanol is being used in a number of projects and commercial activities around the world.

#### **Israel Electric Company Converts to Methanol Power**

In 2014, Israel Electric Company converted a 50MW Pratt & Whitney turbine at a power plant in Eilat, Israel to run on methanol. The total investment cost was US\$5 million and the plant now consumes up to 125,000 tonnes of methanol per annum. Israel's motivation for switching to methanol was to comply with new clean air requirements at the lowest possible cost. The plant has operated without any difficulties and has reported significant emission reductions from methanol including NO<sub>x</sub> reductions by 75%, SO<sub>x</sub> by 100% and Particulate Matter by 80%. The power plant has also demonstrated ~15% lower CO<sub>2</sub> emissions on a combustion basis.

As part of our efforts, we collaborated with industry partners to complete the SPIRETH (“Alcohol (spirits) and ethers as marine fuel”) demonstration project, which led to the development of the world’s first methanol-powered vessel, the Stena Germanica ferry. The Germanica commenced operating on methanol between Sweden and Germany in April 2015, after converting one of its four main engines to methanol.

The remaining three engines will be converted to methanol in 2016. By running on methanol as its main fuel, the ferry will see emissions of sulphur reduced by 99%, nitrogen oxides by 60%, and particulate matter by 95%, compared to traditional marine fuel.

Based on the success of the conversion, Stena is considering the conversion of more vessels operating in Emission Control Areas (ECA). This is a significant milestone for the maritime industry, Methanex and the methanol industry.

In accordance with IMO regulations, Waterfront Shipping will renew and add sustainable technology to its fleet over the next few years. In 2016, this will include the addition of seven new vessels with dual fuel engines that can run on methanol or traditional marine fuels. In 2015, three of the seven new methanol dual fuel engines were safety tested before their installation on vessels.

The design of the new vessels incorporates other sustainable improvements. Efficiency gains in various mechanical features, such as the main engine performance and tank cleaning system, will result in lower carbon dioxide and other emissions. In addition, as part of our commitment to the safety and well-being of our crew, the new vessels will offer substantially improved accommodation and wellness areas.

Stena was awarded the “Ship-Owner of the Year” at the 2015 Green Ship Technology Conference in Copenhagen, with its conversion of the Germanica to methanol deemed the most innovative new technology in shipping in 2014.





## Methanol Marine Fuel: in it for the Long Term

Compared to other marine fuels (see below), methanol is an ultra-clean burning marine fuel that aligns with increasingly stringent air quality emissions regulations.

In addition to requirements for lowering SOx emissions, legislation from the IMO mandates that new ships built after 2015 must emit much lower nitrogen oxides (NOx).

Methanol produces no particulate matter or sulphur emissions so it aligns with any lower SOx regulations in the future. In addition, methanol substantially reduces NOx emissions, thereby reducing or potentially eliminating the need for NOx abatement equipment on ships.

From an economic point of view, methanol has been cost competitive with fuels such as marine gas oil (MGO) on an energy-equivalent basis. With the decrease in the price of oil, the price of MGO has declined; however, methanol remains competitive in many key shipping regions and it is expected that over the cycle will remain competitive with MGO.

To hedge the risk of fuel price volatility, shipping companies may choose to diversify their fuel mix to operate on flex-fuel methanol/diesel engines. This would allow ships to switch between fuels (depending on fuel availability), operate cost-effectively, and meet increasingly stringent air emission regulations in emission control areas.

In 2016, Waterfront Shipping Company Ltd., Mitsui O.S.K. Lines, Ltd., Marinvest/Skagerack Invest, and Westfal-Larsen Management welcomed the world's first seven new innovative, clean-burning, fuel-efficient ocean-going vessels to the sea. These seven 50,000 dead weight tonne vessels are built with the first-of-its kind MAN B&W ME-LGI 2-stroke dual fuel engine that can run on methanol, fuel oil, marine diesel oil, or gas oil.

In addition to air quality legislation, the IMO continues to push for improvements in energy efficiency and lower greenhouse gas emissions in the shipping industry. Methanol, which can be made from renewable resources such as biomass and recycled carbon dioxide, is an ideal path to a sustainable future in which ships can be powered by renewable fuels with a lower carbon footprint.

### Methanol as a Marine Fuel Report 2015 (by FCBI Energy, prepared for the Methanol Institute)

Fuel	Sulfur in SECA	NOx	Particulates	GHG Reduction Option
HFO	with scrubber	Needs catalyst	High emissions	No
Hybrid fuel	Complies	Needs catalyst	Fewer than HFO	No
MDO	Complies	Needs catalyst	Fewer than HFO	Can be replaced by biodiesel or FT diesel
LNG	Complies	Complies	Very low	Can be replaced by biogas (LBG)
Methanol*	Complies	Complies	Very low	Can be replaced by bio-methanol or electro-fuel

*\*Pilot fuel or ignition enhancer often needed. May result in particle formation.*



## Methanol as Vehicle Fuel

Since the successful implementation of methanol as a vehicle fuel in China, we have taken strides to support the development and implementation of similar pilot projects in other parts of the world. In 2015, we signed a Memorandum of Understanding with the Egyptian General Petroleum Corporation (EGPC) and are planning to launch a methanol fuel blending pilot program in the second half of 2016. The primary objective is to develop and implement a pilot testing program to evaluate the feasibility of blending methanol into gasoline for use in the Egyptian domestic market.

We also partnered with the Ministry of Industry and Information Technology (MIIT) and the China Association of Alcohol & Ether Clean Fuels and Automobiles (CAAEEFA) to develop industry “Guidelines for Methanol Fuel Filling Stations”. This is an important step towards enhancing the safe use of methanol blends and accelerating demand growth. This also represents the first major methanol fuels project in which Methanex has directly partnered with key China stakeholders and government. These standards were issued in October 2015.

In December 2015, Methanex Chile signed a cooperation agreement with the University of Magallanes (UM) in Punta Arenas to study the use of methanol for biodiesel and fuel blending in southern Chile. The biodiesel work will focus on using two different sources of regional raw materials: oil that is extracted from fish (crustaceous krill), and the fat from lamb derived from sheep production. Methanol-blended fuels will be tested in conventional motors of motorcycles and pickup trucks, and various factors will be measured including power, cost and efficiency.

Methanex is also in the early stages of assessing the potential of a methanol vehicle fuel blending project with Empresa Nacional del Petróleo (ENAP) in Punta Arenas. We have been providing technical support to ENAP on methanol fuel blending, and they are currently completing lab testing on methanol-gasoline blends. In the next phase, a vehicle pilot program and timeline will be developed.

The greatest potential use for DME (produced from methanol) is as a diesel substitute for vehicle fuel. Some car manufacturers have plans for DME use in heavy-duty trucks or in diesel passenger vehicles.

We have continued to support the development of regulations and standards for DME and other energy applications through our involvement in the Methanol Institute and the International DME Association.



## Methanex Supports Methanol Fuel Cell Pilot

Methanex is sponsoring one of two methanol fuel cell cars, Fiat 500s, created by Serenergy, a Danish methanol fuel cell company. The cars were displayed at Hannover Messe in Germany, the world's leading trade fair for industrial technology, before commencing a year-long test in Aalborg, Denmark, in August 2015.

The project combines an electric hybrid car with a methanol fuel cell as a range extender. The pilot was created to demonstrate the potential of methanol as a viable and practical energy carrier for car propulsion. The year-long performance evaluation test, 50% of which is funded by the Danish government, will evaluate the performance of the car and the fuel station utilizing a newly developed spill-free nozzle design.

Denmark's government is particularly interested in supporting methanol and fuel cells to advance their goals of reducing CO<sub>2</sub>, and eliminating fossil fuels by 2050. Unlike many other fuels, methanol has the advantage of being liquid, so it is compatible with their current distribution infrastructure. Because the fuel cells have higher efficiency than internal combustion engines, there is a resulting ~50% reduction in CO<sub>2</sub> emissions when using methanol produced from natural gas.

In addition, this project uses renewable methanol, which almost entirely eliminates CO<sub>2</sub> emissions during production. And because methanol can be produced from a wide range of feedstocks (from biomass to industrial waste streams to garbage), it is well positioned to play an important role in the replacement of fossil fuels.

### Methanol as a Power Source

Over the last three years there has been increasing interest in methanol's use as a fuel for power generation and industrial boilers. Some of the best markets are small regions, such as islands, which have a less-concentrated population and lower power usage. In these areas, large power plants typically already use liquid fuels (e.g., diesel) and are well positioned to use methanol as a clean-burning alternative liquid fuel. Trials, not led by Methanex, have taken place in countries such as Trinidad, demonstrating methanol's potential for power generation. In 2014, a full conversion of a power plant to run on methanol in Israel was successfully completed and remains operational today (see story on page 13).

The Caribbean is another region that could be suitable for methanol-fueled plants. Methanex is promoting and supporting the development of trials in these regions.

Many new applications are emerging for methanol as power in China, including kilns, industrial boilers and residential cooking applications. A key driver for these new applications is a policy shift in China to move to cleaner fuels and away from coal, which is currently used in these applications.

Cities in China, most notably Beijing where smog is a significant issue, are banning the burning of coal in industrial boilers to improve air quality. Natural gas and methanol are two fuels that are being commercialized as replacement fuels. We are currently working with partners in China, including CAAEFA.

### Renewable Methanol

In 2015, Methanex continued to support the development of CRI's health, safety and environmental (HSE) programs. Increased focus on HSE comes at a crucial time as CRI completed a significant plant expansion project which increased production capacity 200% to 4,000 tons of renewable methanol per year.

Furthermore, CRI and Geely Auto, China's largest methanol vehicle manufacturer, partnered to launch a 12-month fleet test (starting in February 2016) of M100, (i.e., 100% methanol) vehicles in Reykjavik, Iceland. With over 100 million vehicles on the road, China is looking for a way to reduce their dependence on imported oil products and clean up vehicle emissions.

Product stewardship initiatives for safe distribution, handling and use will be a focus area.



Methanol taxis in Guiyang, China

# ENVIRONMENT

In line with our Responsible Care Ethic, our talented team takes a multi-pronged approach to minimize our impact on the environment. We make efficient use of natural resources, such as natural gas, energy and water. We also minimize the production of waste and emissions, and have a comprehensive spill response program.

## Environment: Our Responsible Care Ethic and Principles for Sustainability

- Take preventative action to protect health and the environment
- Innovate for safer products and processes that conserve resources and provide enhanced value
- Work with all stakeholders for public policy and standards that enhance sustainability
- Work for the improvement of people's lives and the environment, while striving to do no harm

We implement Responsible Care through our integrated Health, Safety, Security, Environment, and Quality (HSSEQ) Policy to ensure we meet or surpass regulatory requirements and develop solutions for long-term environmental sustainability. Our environmental policy mandate includes:

- Operating equipment, facilities and services to minimize the impact on the environment
- Taking preventive actions to protect the environment and respond to community concerns
- Complying with all applicable legislation and other requirements or standards to which Methanex subscribes
- Setting key performance indicators, measuring performance against them and regularly reporting on performance

All Methanex-owned and operated production facilities and terminals maintain an environmental management system that is consistent with the requirements of ISO 14001:2004. We put programs in place to use resources more efficiently, minimize waste and emissions, and prevent degradation of the ecosystems.

Our Global Environmental Excellence Team, a sub-committee of the Global Responsible Care Team, implements standards, policies and initiatives across Methanex. Members consist of environmental practitioners from each manufacturing region.





## CO<sub>2</sub> EMISSIONS AND ENERGY USE

Our operations generate emissions when fuel is consumed during the methanol production process, and when we ship methanol to our customers worldwide (via Waterfront Shipping). During the basic process stages in producing methanol, i.e., reforming, synthesis and distillation, the majority of Methanex's GHG emissions are generated during the reforming stage. Multiple factors, including the age of the plant, type of reforming technology, fuel composition, age of catalyst, heat integration and power generation, determine the emissions intensity of process. As a result, our overall emission rates may vary from year to year depending on the different plants we have in operation.

It is also critical that we have a reliable, efficiently used source of natural gas. When we maximize the yield of methanol per gigajoule (GJ) of natural gas, our production is improved and emissions are subsequently reduced.

### WHY THIS MATTERS

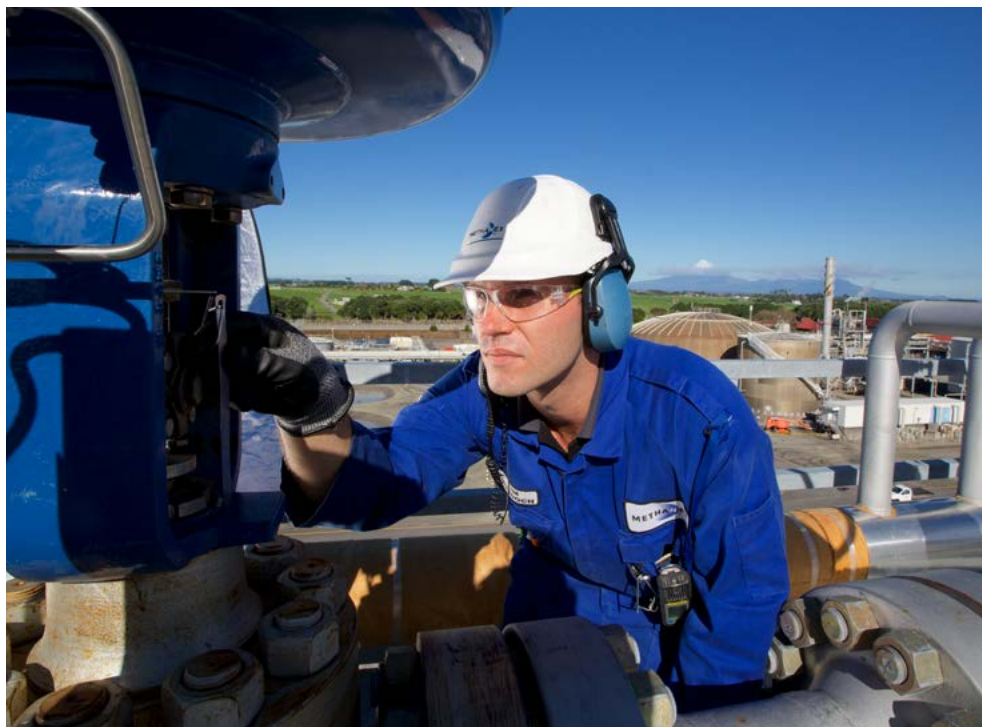
While methanol is a clean and viable alternative to conventional fuels, our operations generate Greenhouse Gas (GHG) emissions.

### HOW WE ARE MANAGING IT

One of the most significant ways we can minimize our emissions is by ensuring the reliability of our production facilities and the efficiency of production processes. By having efficient production processes, we not only reduce our energy use, but also our emissions such as carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>) and particulate matter.

We rigorously monitor and optimize our natural gas efficiency to account for changing conditions in the reforming and conversion stages. Gas efficiency is monitored daily by measuring the quality and amount of natural gas used to produce a tonne of methanol (i.e., GJ/MT): the lower the number, the better the efficiency. If the rate of production drops, we investigate the cause and make necessary corrections to improve gas efficiency. We also monitor catalyst evaluation reports on a routine basis, and alter operating parameters to ensure optimal gas conversion to methanol.

We maximize the utilization of our fleet of vessels by arranging another suitable cargo (backhaul of cargo) on the return voyage after delivering methanol to its intended destination. The backhaul cargo is usually a clean petroleum product with similar characteristics to methanol. By carrying cargo during both legs of the voyage and using fuel as efficiently as possible, we minimize fuel costs and the CO<sub>2</sub> emissions intensity of transporting cargo.





### Catalyst Replacement During Turnaround Improves Plant Efficiency

To ensure our equipment is safe and reliable, we conduct turnarounds every 3-4 years, in which a plant is shut down for maintenance. During turnarounds, we engage in multiple maintenance activities to ensure safe and reliable operation, continued production integrity and efficiency, and improved environmental performance.

One of the main jobs performed during a turnaround is the replacement of spent catalysts. Catalysts are small metal-containing pellets that interact directly with process gases to promote desired chemical reactions. Our Medicine Hat facility uses two different types of catalysts to convert methane to methanol during the reforming and conversion stages.

During the operating life of the catalyst (3-5 years), it becomes less active and less able to promote the conversion of CO<sub>2</sub> (one of the process synthesis gasses) to methanol, decreasing the conversion rate to approximately 94%. This deactivation is a normal process that occurs during operation, but causes decreased plant performance. As the catalyst ages we adjust production conditions to partially offset the decline in performance.

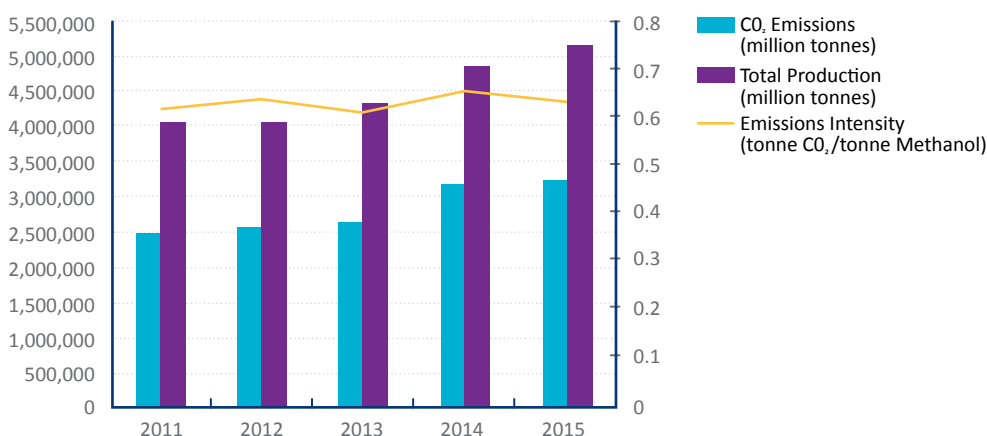
After replacing the catalyst, there is an immediate 300% improvement in catalyst activity that increases the conversion to methanol to close to 100%. In addition to improving performance, the plant is able to use energy more efficiently. In turn, this can reduce associated CO<sub>2</sub> emissions by approximately 5%.

## HOW WE ARE DOING

### Emissions from Manufacturing

In 2015, Methanex generated 3,245,947 tonnes of CO<sub>2</sub> emissions from methanol production. Compared to 2014, global methanol production in 2015 increased by 7%. However, CO<sub>2</sub> emissions only increased by 2.4% due to a 4.3% reduction in CO<sub>2</sub> emissions intensity from 0.653 MT of CO<sub>2</sub> / MT of methanol in 2014 to 0.625 in 2015. The improvement in intensity was mainly due to new lower CO<sub>2</sub> intensity (i.e., 0.45 MT of CO<sub>2</sub> / MT of methanol) methanol from Geismar 1, which accounted for 18% of total production.

### CO<sub>2</sub> Emissions from Methanol Production



Gas curtailments and reliability issues in Egypt caused the plant to be offline for 234 days. However, this had no effect on the global CO<sub>2</sub> intensity due to the small volume of methanol produced in Egypt.

Historically, the longer-term trend indicates a sustained decrease in CO<sub>2</sub> emissions intensity (i.e., between 1994 and 2015, our CO<sub>2</sub> emissions intensity decreased by 29%). The decrease was initially due to some of our older plants being removed from active service, followed in subsequent years by newer plants being added to the asset mix. Improvements in the reliability and efficiency of our existing plants further contributed to lower-intensity methanol production.

Going forward, in the short to medium term, lower-intensity methanol produced by Geismar 1 and 2 is expected to continue lowering the CO<sub>2</sub> intensity.



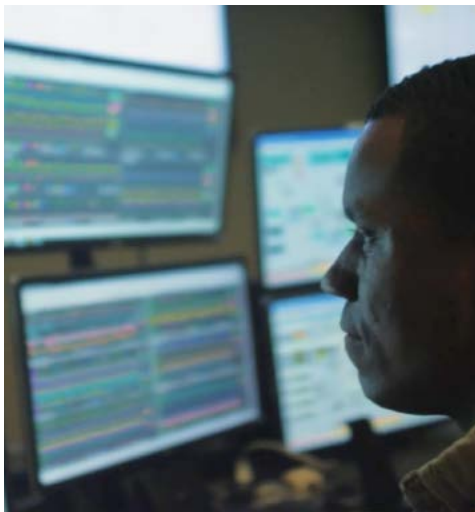
## Focusing on a High Reliability Culture

Maintaining the reliability of our operations is important for financial and environmental reasons, but it also goes hand in hand with safety and Responsible Care. When we improve the reliability of our operation, we reduce risk.

When plants are shut down due to unplanned maintenance/repairs, there are numerous impacts from both an economic and environmental perspective. Shutdowns mean loss of production and a potential loss of revenue. They also mean higher environmental impacts: increased emissions and use of energy to restart the plant and decreased efficiency in using resources (e.g., natural gas, water).

For that reason, one of our primary focuses is ensuring we maintain the highest reliability in the industry. Our immediate objectives are to maintain 97% plant reliability, and embed a high reliability culture across Methanex.

As we continue to maintain and improve reliability, we will simultaneously maintain and improve our environmental performance. As such, we will continue to track and monitor our emissions and energy statistics to ensure we are best utilizing resources and reducing our impact.



## Efficient Use of Natural Gas

The optimal gas efficiency range varies for each plant and is generally derived from historical operating data or plant design specifications. In 2015, the gas yield for global methanol production was 38.91 GJ/MT (approximately 37 mm BTU per tonne) compared to 39.06 GJ/MT in 2014. The improvement in yield is primarily attributed to new methanol produced at Geismar at better gas yields.

## Reliability of Natural Gas

A reliable gas supply has a significant impact on production efficiency, as well as the resulting level of CO<sub>2</sub> emissions and water usage. In addition, when plants are shut down or operating below capacity due to gas curtailments, they use more gas to re-start or scale down operations, which, in turn, impacts emissions intensity and production efficiency.

In 2015, we continued to face challenges with a reliable gas supply for some plants.

We experienced significant gas restrictions in Egypt. We expect our gas supply in Egypt will be curtailed in the short term, especially during the summer months, due to gas shortages in the country. However, we believe the medium term future of the Egypt plant remains positive, supported by significant large gas discoveries in the region in 2015 and imports of Liquefied Natural Gas (LNG).

During 2014 and 2015, we operated our Chile methanol facilities significantly below annual production capacity due to insufficient natural gas feedstock. We restarted one of our two plants in September 2015 with newly contracted gas from Empresa Nacional del Petróleo (ENAP), which will allow the one plant to operate.

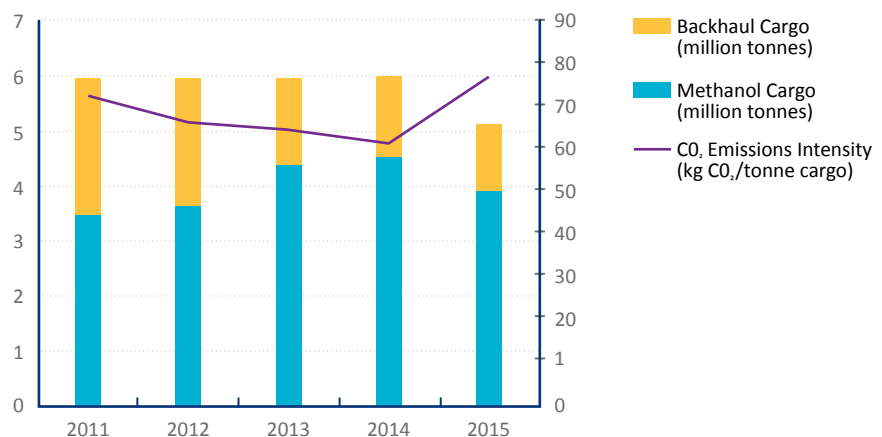
In 2014 and 2015, our Trinidad facilities operated below operating capacity due to natural gas restrictions. This was the result of a mismatch between upstream supply to the National Gas Company of Trinidad and Tobago Limited (NGC) and downstream demand from NGC's customers.

We are engaged with key stakeholders to find solutions to these natural gas supply issues, but expect to continue to experience some gas curtailments at the above sites. Please refer to page 28 of our 2015 Annual Report for more information.

## Emissions from Marine Shipping

In 2015, the volume of cargo (i.e., methanol and backhaul cargos) transported by the Waterfront Shipping fleet decreased by 14% while the CO<sub>2</sub> emissions increased by 8% (i.e., from 397,923 MT/CO<sub>2</sub> in 2014 to 428,914 MT in 2015). There was an increase in emissions intensity in 2015 compared to 2014 due mainly to the increase in longer-haul voyages from new transportation routes with less backhaul cargos. Some of the backhaul voyages with cargo were over greater distances, thus resulting in lower transport efficiency.

## Waterfront Shipping CO<sub>2</sub> Emissions





## WATER MANAGEMENT

Water is a feedstock resource for manufacturing methanol. It's essential for production processes such as natural gas reforming, steam generation to drive compressors, heat transfer and cooling processes. Depending on the plant location, our water sources include sea water or freshwater.

### WHY THIS MATTERS

Water is a resource needed for methanol production, but it's also a resource for the communities and ecosystems in which we operate. This is why we focus on using water as efficiently as possible, and protecting aquatic ecosystems through effective wastewater treatment and spill prevention systems.

### HOW WE ARE MANAGING IT

Throughout our plants, we conserve water by recovering waste steam and water, which are then reused in the production process. We also conduct regular groundwater monitoring to ensure the groundwater quality remains consistent.

In accordance with regulations, all wastewater from our operations is treated and analyzed before being discharged. However, we go beyond regulatory requirements, and set a stricter internal leading indicator target for treatment system performance. This gives us advance warning of any potential issues with wastewater systems.

### HOW WE ARE DOING

Four of our sites use water originating from freshwater sources to produce methanol. In 2015, we consumed 9,969,751 m<sup>3</sup> of freshwater, which excludes ~24% returned to the source as treated wastewater and water vapour through evaporation, to produce 3,419,000 tonnes of methanol (i.e., a ratio of 2.92 m<sup>3</sup> water/tonne methanol). This is an improvement compared to 2014 (which had a ratio of 3.35), and is due to new methanol production from our Geismar 1 plant, which consumes less water per tonne of methanol.



Torres del Paine National Park, Magallanes, near Methanex in Chile

## WASTE MANAGEMENT

Our biggest generation of waste occurs during major maintenance, plant refurbishments and servicing work. Generated waste includes construction-related materials such as scrap metal, wood waste, piping and vessel insulation, cardboard, and other packaging waste/containers.

### WHY THIS MATTERS

It is important that we operate in a way that minimizes the use of resources and generation of waste that is disposed.

### HOW WE ARE MANAGING IT

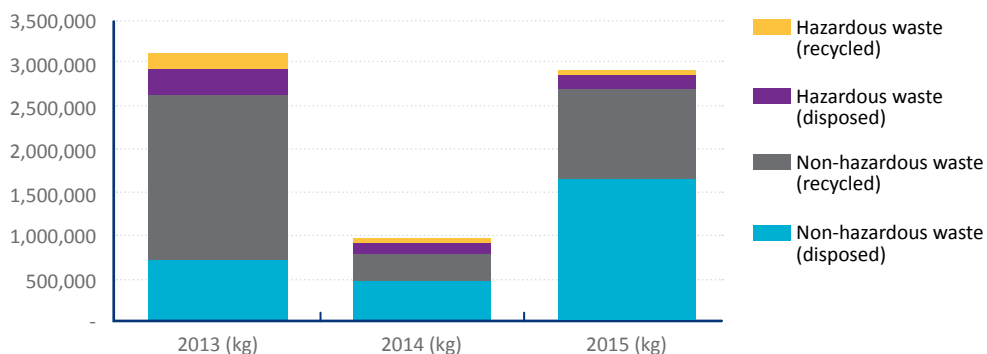
Each Methanex location monitors the volume of waste that is generated and diverted from disposal to recycling/reclamation facilities. We focus on critical recycling measures and ensure any waste generated is stored appropriately and disposed of by qualified waste management companies. We also track waste generation data to identify opportunities to reduce waste through recycling, reusing or reducing waste at source. All of our facilities have recycling programs in place, which include paper, cardboard, beverage bottles and petroleum products.

### HOW WE ARE DOING

In 2015, our waste volumes increased as a result of a major plant turnaround and refurbishment at our Medicine Hat plant. For the Medicine Hat project, 55% (i.e., 808,213 kg) of generated waste was recycled/reclaimed. The majority of recycled materials included spent catalysts, steel from machinery, piping and wood.

Overall, 95% of waste generated at Methanex was non-hazardous with approximately 37% being recycled or reclaimed. Five percent of waste generated was hazardous and stored appropriately prior to being disposed or recycled by qualified waste management companies.

### Waste Generated / Recycled



### Recycling Metals During the Medicine Hat Turnaround

During a plant turnaround, spent catalysts are sent to various facilities for re-use as direct raw material feedstocks in the production of various metal-based products. These include nickel (Ni) or stainless steel ingots, copper (Cu) anodes/cathodes and zinc (Zn) salts. As nickel is the primary ingredient in stainless steel, nickel catalysts are sent to stainless steel manufacturers. Copper catalysts are sent to copper smelters as raw material to produce high-quality anodes and cathodes.

In 2015, 921,866 kg of plant materials were recycled/reclaimed for metals:

- 444,915 kg nickel reformer catalyst
- 129,420 kg copper/zinc converter catalyst
- 24,191 kg zinc oxide absorbent
- 323,360 kg steel reformer tubes for recycling



# SPILL PREVENTION AND RESPONSE

A spill of hazardous materials is the most significant environmental incident that can occur at our plants. This includes methanol stored on site, petroleum products (e.g., fuel, lubricating oils) from machinery, as well as water treatment chemicals.

## WHY THIS MATTERS

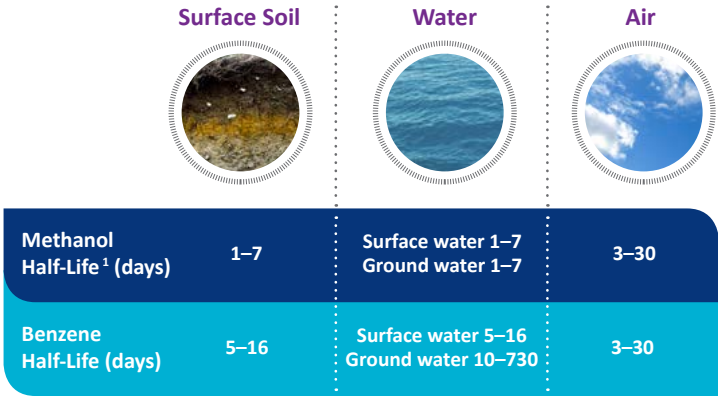
When compared to substances such as conventional gasoline and diesel fuel (and many of their constituent elements such as benzene), methanol is safer and more environmentally benign. Since methanol occurs naturally in the environment and is readily biodegradable, methanol spills are unlikely to accumulate in the groundwater, surface water, air or soil. However, a large release of methanol has the potential to adversely impact the immediately affected environment, depending on the nature and quantity of the release.

## HOW WE ARE MANAGING IT

We believe that all spills are preventable.

To prevent spills, we proactively conduct plant maintenance and inspections, train our employees on environmental management and undergo process safety management programs. If they occur, we clean up, monitor and analyze spills to identify and resolve root causes. In addition, in the event of a large spill, we have crisis and emergency response teams in place to mitigate any health, safety and environmental impacts.

Our approach to spill prevention is also enhanced by our process safety management (PSM) program. A key goal of PSM is to prevent the loss of primary containment of substances



Methanol Institute: Evaluation of the Fate and Transport of Methanol in the Environment

<sup>1</sup> The time required for half the amount of a substance to biodegrade.

that are harmful to human health, safety and the environment. Related practices include thorough hazard and risk assessments, regular inspections and timely maintenance of critical equipment and systems to prevent a loss of containment.

A key aspect of our spill preparedness and response program is ensuring that local response organizations are prepared to handle a methanol-related transportation incident. In Canada and the US, we follow the CIAC-led initiative TRANSCAER® (Transportation Community Awareness and Emergency Response), a voluntary chemical industry initiative that focuses on assisting communities to prepare for and respond to possible hazardous materials transportation incidents. We have adopted the CIAC TRANSCAER® model as a global internal standard and are currently implementing TRANSCAER® in our other regions as well.

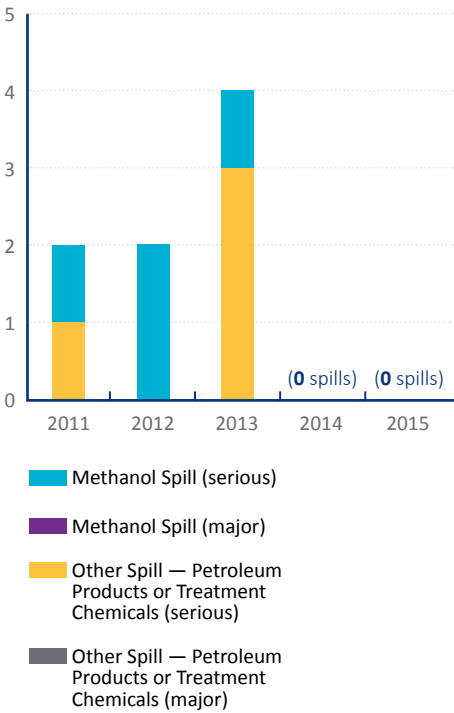
We also work closely with our Community Advisory Panels (see page 36 in the Community Chapter) to ensure community concerns about potential methanol incidents are addressed.

## HOW WE ARE DOING

In 2015, we had zero significant (i.e., serious + major) spills. We attribute that to continued focus and awareness on prevention and lessons learned.

We further developed our process safety management strategy, and will implement improvements in 2016.

## Environmental Spills







# WORKPLACE

Every day our global team of employees work together as One Team towards a shared vision. Our Employee Value Proposition (EVP) – *Together, we create a different kind of energy* – was launched in 2015, and is an essential component of our talent management strategy. Our EVP directly supports our Responsible Care and sustainability goals by ensuring we have a *talented team* committed to innovation, collaboration and growth.

## Workplace: Our Responsible Care Ethic and Principles for Sustainability

- Work for the improvement of people's lives, while striving to do no harm
- Promote awareness of Responsible Care, and inspire others to commit to these principles
- Take preventative action to protect health and the environment
- Understand and meet expectations for social responsibility

### Our EVP has three pillars:

**Talented Team:** Creating a team of exceptional people who are quick, driven and caring, enabling us to work together across functions, disciplines and regions toward our shared vision

**Powerful Impact:** Enabling employees to create a real impact through a diverse range of innovative and challenging projects

**Bright Future:** Continuously growing and developing our people, and ensuring they have the knowledge, tools and opportunities to maximize their potential

together,  
we create a different kind of energy.

## OUR CULTURE



Our employees are central to everything we do. Together, we create a truly unique global culture at Methanex. Methanex's strong culture can be captured in four key elements: Core Values, Responsible Care, One Team and Learning & Development.

**Core Values:** Trust, respect, integrity and professionalism are our guiding principles and the glue that holds us together at Methanex.

**Responsible Care:** We are committed to our people and the environment in which we live, work and play, and we believe our business must have a positive impact on people's lives.

**One Team:** We are committed to working together as one team across functions, regions and disciplines toward our common goal.

**Learning and Development:** We are committed to the personal and professional growth of our employees through on-the-job learning experiences, coaching and mentoring, and formal development opportunities.

## TALENT MANAGEMENT

Maintaining our leadership position means continuously growing and developing our people. We need to ensure our employees have the knowledge, tools and opportunities to maximize their potential.

### WHY THIS MATTERS

To deliver on our business strategy, our people are critical to our success. We need to ensure we keep our top talent in the company, and continue to attract additional talent from around the globe.

### HOW WE ARE MANAGING IT

We continue to focus on building leadership capacity and implementing effective talent management programs to support and develop our new and existing employees and successfully deliver on our strategy for growth.

### Leadership Development

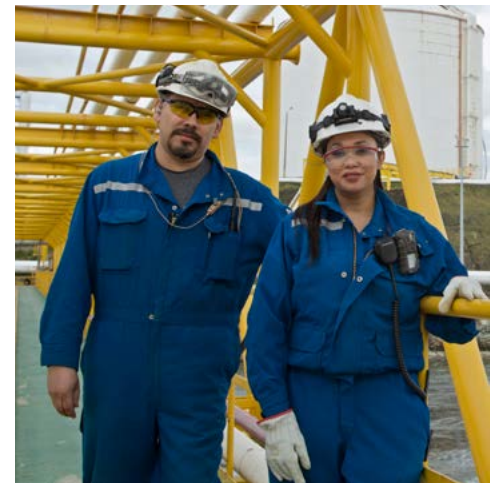
Methanex is committed to the personal and professional growth of employees through a unique combination of on-the-job learning experiences, coaching and mentoring, and formal development opportunities.

The Global Leadership Suite is an integrated leadership development program customized for leaders at all levels of the organization. It consists of the Executive Leadership Program, the Courageous Leadership Program (launched in 2015; see next page), the Centre for Creative Leadership Global Leadership Forum, and Methanex Leadership Essentials. It uses an integrated curriculum, building on Methanex's core and leadership competencies, to form a common leadership language throughout the organization. In addition to completing the program, participants build a network of high-performing peers to enable future growth and collaboration.

### Learning and Development Opportunities

We champion the personal and professional growth of employees through a combination of on-the-job learning experiences, coaching and mentoring, and formal development programs. Our goal is to have a company-wide framework that provides a pipeline for developing employees with multi-disciplinary capabilities and leadership potential.

One of the ways we do this is through our Global Mobility Program, which promotes knowledge and cultural exchange across our company. Through this program, employees may have the opportunity to move, either permanently or temporarily, to a new global location to undertake a new position. These assignments are designed to meet key business objectives, transfer specialized skills to new locations, create a homogenous company culture and ensure employee growth, both personally and professionally.



## Methanex Geismar Again Recognized as a “Best Place to Work”

In 2015, Methanex was again recognized as one of the “2015 Best Places to Work in Baton Rouge.” Sponsored by the Baton Rouge Business Report and the Greater Baton Rouge Society for Human Resource Management, the awards program identifies, recognizes and honors the best places of employment in the greater Baton Rouge region. Methanex claimed the top spot in the 2014 rankings.

“Methanex is honored to once again be recognized as a great place to work in Ascension Parish,” said Glynn Fontenot, Methanex Geismar Plant Manager.

Methanex Geismar was one of several dozen regional companies to enter the competition. In the first portion (worth 25% of the score), companies were evaluated based on their workplace policies, practices and demographics. The second portion (worth 75%) utilized an employee survey to measure the employee experience. Responses were analyzed and participating firms were ranked on eight core focus areas: leadership and planning; corporate culture and communications; role satisfaction; work environment; relationship with supervisor; training, development and resources; pay and benefits; and overall engagement.

Methanex’s workplace culture was recognized for such positive attributes as its United Way matching program, employee and family social events, annual department team building events, and employee wellness programs and initiatives. Methanex was the only chemical manufacturer recognized among the Best Places to Work.



## Graduates in Training

Our Graduate in Training Program is a two-year development program designed to foster leadership and professional growth of recent engineering graduates in the areas of technical, commercial, environmental and interpersonal skills. Through the program, graduates have the opportunity to work on cross-functional engineering projects, providing them with broad exposure to many areas of the business.

To develop all-round capability beyond the functional/technical requirements, a personalized, behavioural-focused development plan is created for each graduate, including coaching and assessment tools. Graduates receive support from the technical disciplines, Human Resources, mentors and a site steering committee, to ensure a successful transition from the university setting into our work culture.

This program also focusses on developing early leadership potential, balanced with technical capability.

### 2015 GRADUATES IN TRAINING

- Geismar
  - > 1 process engineer
  - > 1 mechanical engineer
- New Zealand
  - > 1 process engineer
  - > 1 mechanical engineer
- Trinidad
  - > 2 mechanical engineers
  - > 1 industrial engineer
  - > 1 electrical and instrumentation engineer
  - > 2 process engineers

## Fostering Teamwork and Social Responsibility through Employee Volunteering

Methanex partners with employees who contribute financially or as volunteers to organizations within their community. This partnership can be in the form of matching

financial donations, providing corporate support for fundraising opportunities, or coordinating volunteer events at which other Methanex employees can participate. By committing our time through volunteering we make a real difference in the communities we operate in and at the same time work together to build stronger connections with our colleagues. (Please see the Community chapter for more information.)

## HOW WE ARE DOING

### Employee Value Proposition

In 2015, we rolled out the Employee Value Proposition (EVP) platform throughout our recruitment and training programs. The results have been extremely positive. This tells us we’re doing a good job of engaging staff, and inspiring a positive community within our workplace.

In 2016, local champions in our regions will continue to further embed the EVP in employee initiatives, both internally and externally.

### Leadership Development

In 2015, we launched our Courageous Leadership Program (CLP) as the second step in Methanex’s suite of leadership programs. Designed to accelerate the development of mid-level leaders, the CLP is a hands-on leadership development program exploring the specific challenges and opportunities of leading within a global organization.

The 2015 program brought together a global cohort of 18 high-performing peers, with three separate three-day modules over an eight-month period. Through a combination of pre-reading, assessments, coaching, in-class sessions and a Methanex-specific business simulation, participants delved into the role of leader, their leadership style, our Core Values, development of high-performance teams, cross-cultural awareness, business planning, finance fundamentals and change leadership.



In 2015, we advanced in several areas through our Global Leadership Suite:

#### Centre for Creative Leadership (CCL)

Approximately, every two years we hold a one-week CCL global leadership forum to advance leadership capabilities. In 2015, 26 new people attended this program.

#### Methanex Leadership Essentials

The Methanex Leadership Essentials Program includes four distinct one or two-day learning modules that deliver the knowledge, skills and practical tools to build people leadership capabilities and reinforce Core Values on the job. Through a combination of pre-reading, assessments, interactive in-class sessions, on-the-job application and peer coaching, participants explore practical ways to increase employee and team engagement and put Core Values into action.

#### Global Mobility Program

Throughout 2015, there were 35 employees on international assignment, 25 of whom provided ongoing support to the Geismar 1 and 2 manufacturing and project teams. In addition to international assignments, several different locations hosted a combined 24 extended business travelers (trips of up to 3 months in duration) in support of regional projects and turnarounds.

Having a robust formal mobility program in place allows us to seamlessly deploy global resources. Our program ensures a balance between meeting business needs and providing assignees with flexibility based on their personal circumstances.

#### Competence Management and Assurance Program

In 2015, we began developing a Competence Management and Assurance Program to focus on the professional competencies and skills of our people. Competence Assurance is a controlled, evidence-based process to ensure that people have the skills and knowledge they need to do their jobs safely and effectively.

In 2016, we will roll out “Active Learner,” the electronic component of the Competence Platform. This will enable us to review, validate and activate learning requirements based on competence assessment. Our New Zealand and Geismar manufacturing teams will continue to develop and roll out the program, while our Medicine Hat site will commence implementing the program.

The aim of the program is to produce competency maps for operations, maintenance and Responsible Care roles, comprising the different competencies required for each role (technical, functional, leadership), training material to build competencies, and evaluation tools to assess mastery of the competencies. Management of training will be done through an Active Learner system.

#### Switching On to Responsible Care

In 2015, we launched our Switch On to Responsible Care workshops to engage employees to act responsibly at work and at home. The workshop looks at Responsible Care through belief and commitment rather than compliance alone, and is designed to enhance our culture and bring the following commitment and guiding principles to life:

- We care deeply about people and the environment in which we work, live, and play.
- We believe our business should have positive impact on people’s lives.
- We choose to act responsibly, with care, in everything we do.

“

I’m excited about the impact that the Switch On to Responsible Care workshops, led by our own facilitators, will have on our RC culture. The focus on the ethic of Responsible Care, how it links in with our company values and what it all means to the individual on the job is invaluable. Our commitment to reaching the hearts and minds of team members through RC is one of the things that sets us apart.

”

– Brad Neumann, VP, Responsible Care





“

Being given the chance to learn another side of the methanol business was truly invaluable. I gained exposure and perspective into how we analyse our existing assets and execute growth projects. Since transitioning back into my role as plant engineer, this experience has permanently shaped my decision-making and the way I work.

” – Gina Gosine, Trinidad process engineer

Through a train-the-trainer format, the workshop also builds local champions from different regions who are passionate about leading in Responsible Care. These local champions help facilitate and teach key Responsible Care concepts to their colleagues.

In May 2015, we launched the first Switch On sessions for all employees in Trinidad, and continued the roll-out in New Zealand, Egypt and Vancouver. To date, approximately 520 employees have attended the Switch On to RC programs globally. Six internal facilitators have been fully accredited to deliver the program: two from New Zealand, one from Trinidad, one from Geismar and two from Egypt. In 2016, we will begin the process of accreditation for three additional internal facilitators, two from Chile and one from Medicine Hat.

#### **Career Development Program**

Piloted in 2015, the Career Development Program provides development opportunities to Methanex manufacturing employees through short-term assignments with corporate functions (corporate employees also have short-term assignments in manufacturing). The assignments are designed to provide opportunities to:

- Work with another department and consider the needs of a different set of customers (i.e., global customer needs)
- Gain a broader understanding of Methanex functions and business overall
- Develop cross-functional skills that can ultimately deliver greater value to manufacturing and the business in general
- Develop and strengthen cross-functional and cross-regional networks
- Adapt basic business behaviours such as communication to the norms of the host business group and local cultures
- Operate effectively across functional and cultural boundaries

## 2015 Global Employee Statistics

### Employee Distribution by Region

Region	%
Asia Pacific	3.4%
Chile	8.8%
Dallas	2.8%
Egypt	12.2%
Europe	2.8%
Geismar	13.1%
Medicine Hat	9.6%
New Zealand	22.1%
Trinidad	14.7%
Vancouver	10.3%
<b>Total</b>	<b>100.0%</b>

### Length of Employee Service

Service Range (yrs)	%
< 1 yr	11.3%
1-2 yrs	25.4%
3-5 yrs	21.2%
6-10 yrs	25.1%
11-15 yrs	5.4%
16-20 yrs	4.6%
21 -25 yrs	1.9%
26+ yrs	5.1%
<b>Total</b>	<b>100.0%</b>

### Employee Generation

Generation	%
Millennials (1981 or after)	29.5%
Generation X (1966-1980)	48.1%
Boomers (1946-1965)	22.3%
Mature (1945 or prior)	0.1%
<b>Total</b>	<b>100.0%</b>

### Employee Gender

Gender	%
Female	26.2%
Male	73.8%
<b>Total</b>	<b>100.0%</b>



### Building Future Leaders

As part of the final module of our Courageous Leadership Program (CLP), some attendees had the opportunity to play the role of the CEO. They participated in hands-on exercises pertaining to production and distribution of methanol, financial information, safety and environmental restrictions, and options for both capital investment and process improvements.

The last module, focused on the theme "Leading the Business," involved a business simulation exercise where participants assumed a leadership role in running a methanol plant.



The leadership development experience had a significant impact on my personal and professional development. I was able to get some great insights into my personal style and how to be successful in leading the business. Best of all were the participants and facilitators of the program, with whom I have established some strong and memorable relationships.



— Rawle Ramlochan, Plant Manager (Medicine Hat)



## HEALTH AND SAFETY



The safety and well-being of our employees, contractors and the communities in which we do business is our number-one priority.

### WHY THIS MATTERS

As the largest producer and supplier of methanol, we understand how critical it is to ensure our employees and contractors are working in a safe environment with minimal risk of injuries, and not exposed to potentially harmful hazards.

### HOW WE ARE MANAGING IT

#### **Global Responsible Care® Management System**

Our Global Responsible Care Management System (GRCMS) is designed to help us implement our Responsible Care Ethic and Principles for Sustainability, including health and safety practices.

We firmly believe that all work-related injuries and illnesses are preventable; it is on this basis that we design and manage our health and safety programs.

Our Global Occupational Safety and Health (GOSH) team, and Global Process Safety Team (GPST), are sub-teams of the Global Responsible Care Team (GRCT). These two teams implement health, safety and process safety standards, and initiatives across Methanex. Members consist of Responsible Care and technical practitioners from across our regions. The GRCT is made up of RC leadership from across the company and is responsible for development and implementation of global policies and strategies.

#### **Process Safety Management Program**

To reduce the risk of significant incidents, our Process Safety Management program (PSM) helps ensure the integrity of our operating plants and processes, with the goal of safely containing hazardous materials within the plant systems. We align our global and regional programs with the Center for Chemical Process Safety's (CCPS) Guidelines for Risk Based Process Safety, which leverages global lessons learned from process safety incidents around the world. Our participation in the CCPS also provides our engineers

with access to subject matter experts, a large process safety database, PSM program information, and the opportunity to work with process safety practitioners from other organizations.

Process safety impacts many functions at a plant site. We believe our process safety engineers should not operate in isolation, and that it is critical for them to develop and maintain excellent communications globally and within their location. This is why our process safety engineers meet regularly to review program development and plant data analysis, and look for opportunities to leverage what they are doing in their functional areas.

#### **Behaviour-Based Safety Programs**

Behaviour-Based Safety programs have been implemented at most manufacturing sites, and focus on safety behaviours at the workplace. In this process, employees observe colleagues and contractors performing a task, then discuss safety aspects of the task that were done well, as well as those that could be improved. Data from the observations are gathered and analyzed for trends. We find this process has contributed to a more transparent safety culture in which employees and contractors feel they are able to report safety issues and concerns without hesitation, thus resulting in reduced incidents.

Through statistical analysis it has been determined that the more behavioural observations conducted on an individual, the safer the individual will work.

#### **Contractor Management**

Over the past three years we have had a focus on improving contractor safety performance, particularly at our manufacturing locations. We introduced many improvements to how we manage our contractor workforce over that period of time. In the course of this work, we recognized there is high value in effectively communicating critical rules (see page 33, CARE standard), identifying the important safety behaviours we expect from individuals, and holding those individuals accountable for their actions.



## HOW WE ARE DOING

Our goal is to achieve a zero-injury workplace, year after year.

Our recordable injury frequency rate (RIFR) is the number of recordable injuries per 200,000 hours worked. Recordable injuries are incidents that require medical attention or result in restricted work or lost time. In 2015, we had 11 recordable injuries.

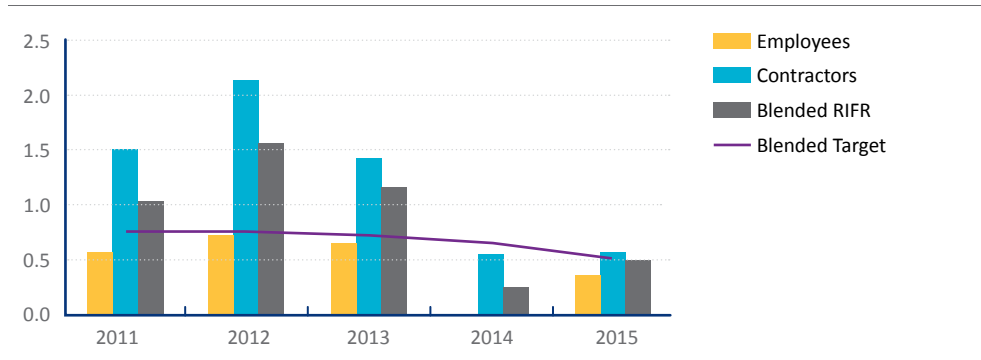
In 2015, there were 4 employee injuries and 7 contractor injuries, which collectively resulted in 226 days of lost work, and 167 days of restricted work.

Over the past five years (see graph below) there was an increase in the frequency of recordable injuries with employees in 2015, but contractor incidents stayed consistent from 2014 to 2015. We also see that our 2015 performance continues an improving trend.

We have completed a thorough analysis of these incidents which has confirmed that we must continue implementation of current safety initiatives but also indicated where we have opportunities to improve our long standing management systems. We also recognise that our safety culture and the engagement of employees and contractors in recognising hazards and taking action to control eliminate or control them is a critical part of working safely.

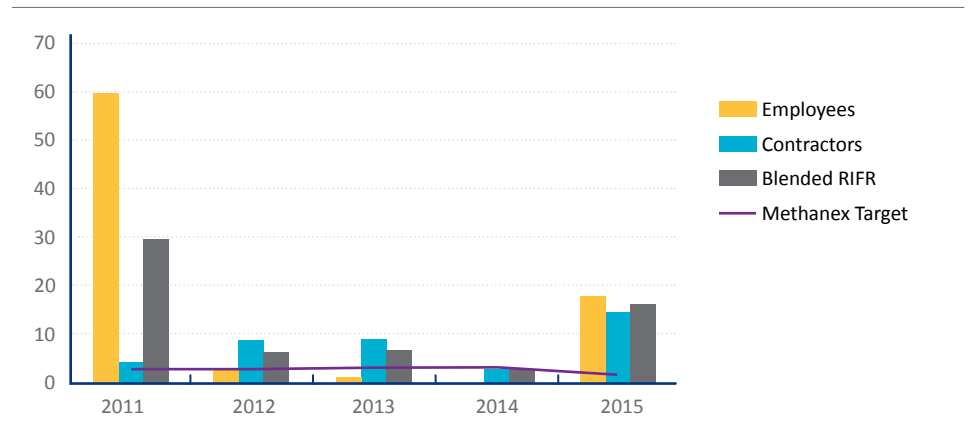
Our Switch-on to RC Workshop is designed to engage the “hearts and minds” of employees and contractors in doing the right thing on and off the job to help ensure safety. This program was initiated in 2015, and will continue to be implemented across our company throughout 2016.

### Global Recordable Injury Frequency Rate (RIFR)



After years of driving the severity of injuries downwards (refer to graph on the right), in 2015 we had a significant increase in severity for both employees and contractors. This, coupled with the incidents where there was real potential for severe injury, is of concern throughout our company and is also an industry trend. We had a total of 31 events where a person was either injured or there was a potential for a more severe outcome.

### Global Employee Recordable Injury Severity Rate (RISR)





## Safety at Medicine Hat

In 2015, we had a turnaround (major refurbishment) at Medicine Hat. At the peak of the turnaround, more than 850 workers were on site. With such a large workforce and several projects occurring simultaneously, safety and Responsible Care were at the forefront of everyone's mind.

Good planning, identification of hazards and the effective management of these hazards were critical in providing a safe work environment. Safety personnel were always on site and daily safety advisors' meetings were held to address issues and recognize positive behaviours. Responsible Care personnel and management completed quality audits each day, and project leads attended daily meetings to provide project updates, review schedules, and share challenges and opportunities for improvement.

With nearly 900 hazard and 37 near-miss reports submitted, we were better able to identify hazards to prevent actual incidents. Since hazards and near-misses are indications of potential incidents, by addressing the hazards and near-misses that were reported, actual incidents are prevented. On the flip side, more than 800 Positive Identification Cards were handed out to workers for demonstrating safe work practices.

We did, however, experience 3 significant health and safety incidents: 1 medical aid, 1 restricted work and 1 lost-time incident.

We also implemented a Safe Days Initiative. For every day worked without a significant injury or process safety incident, we donated \$400 to be divided between three charities.

(See the Community chapter, page 39, for more information.)

## CARE

In 2015, we established our Critical Activities, Rules & Expectations Standard (CARE) to supplement our existing Work Safety Control System. CARE defines the seven activities that present the highest risk of fatality or serious injury if conducted unsafely (i.e., hot work, lifting, hazardous energy, confined space entry, electrical work, work at heights, excavation), and states the actions individuals must take to safeguard themselves.

This Standard was piloted during the Medicine Hat refurbishment and turnaround earlier this year, with good success. From that experience we refined the definitions and rolled CARE out to the global organization.

In 2016, we will monitor the effectiveness of CARE and continue to refine and improve the standard.



Lifting



Work at Heights



Hot Work



Hazardous Energy



Excavation



Electrical Work



Confined Space Entry

## Integrated Management System

In 2015, we developed our Integrated Management System (IMS) further to integrate our global RC management system, built on CIAC codes, with newer versions of ISO standards (such as ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007). The IMS also further incorporates the Centre for Chemical Process Safety (CCPS) Guidelines for Risk Based Process Safety.

We expect to complete development of our revised Integrated Management System in 2016, and roll it out in 2017.



### Our Process Safety Management Program

In 2015, we continued to show good progress in developing our PSM program. A new global subject matter experts group, Global Process Safety Team (GPST), was formed to monitor performance and share practices. An emergency preparedness and response sub-team was formed, and met in 2015 to seek alignment and continual improvement in firefighting practices. As an outcome, we developed a process safety strategy, and a planning tool to help customize response capabilities to site-specific factors.

In 2015, we created a new mandate for the GPST, which better aligns the way we manage process safety. A three-year plan for development of our global program will commence in 2016. Key focus areas include:

- Safety Critical Elements
- Process Hazard Analysis Standard
- Process Safety Management Culture
- Process Safety Competence
- Process Safety Key Performance Indicator Guideline
- Safe Operating Limits
- Global Process Safety Standards



### Celebrating Geismar 1 and 2

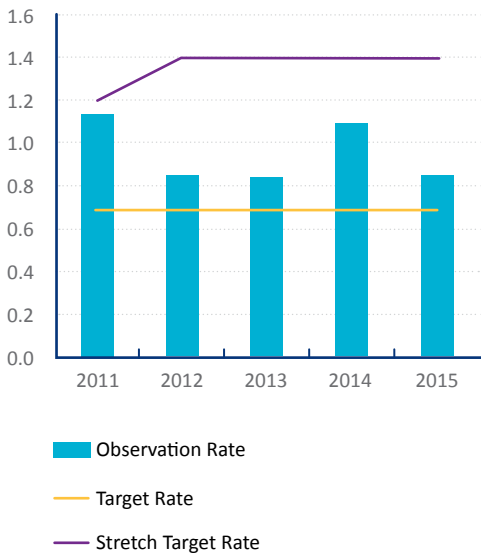
2015 saw some important milestones. Geismar 1 was up and running in January, and by end of December, Geismar 2 was safely and successfully operating at almost full capacity.

Looking back at the first 365 days, John Floren, President and CEO, reflects on the success of this project. “Our Geismar 2 Project was completed ahead of schedule with an enviable safety record of more than five million hours worked on the project with no major incidents,” says Floren. “This is similar to the Geismar 1 project results. When you consider that this record was compiled while dismantling, moving an enormous distance and erecting two world class size methanol plants, you realize the magnitude of the accomplishment.”

Relocating our assets required expertise from across the company, and was truly a One Team effort. “Getting the plant reassembled and to a point where we could begin making product was an amazing experience,” recalls Mike Boswell, Geismar 1 Commissioning and Startup Manager (now Operations Manager in Trinidad). “Being involved with such a huge project was a great development opportunity for me and I’ll be able to use that knowledge throughout my career with Methanex.”

In October, Methanex Geismar was recognized as one of the Best Places to Work in the Baton Rouge area.

### Behaviour-Based Safety – Observation Rate



### Behaviour-Based Safety (BBS) Program

Our BBS observations continue to help us shape a culture that encourages safety.

Through statistical analysis, it has been ascertained that the more behavioural observations conducted on an individual, the safer the individual will work. The observation rate is a measure of the number of people observed as compared to the number of people who are at the workplace and could potentially be observed. We consider a target of 0.70 a minimum for an effective behavioural observation program and a rate of 1.40 to be a highly effective program.

The observation contact rate for 2015 declined from 2014, but was on par with 2012 and 2013. In Medicine Hat and New Zealand, we had large contractor workforces on site for extended periods of time, putting pressure on our trained observers to increase the number of observations. Although the rate of observations dropped, the total number of observations increased substantially.

An observation rate is a general indicator only. To maximize the program's benefits, a full range of internal tools are applied at the regional level to ensure quality observations, data review, and the development of safe behaviour actions.

### Contractor Management

Our most significant use of contractors this year was during the Medicine Hat refurbishment and turnaround, as well as extended plant repairs in New Zealand. We continued to focus on implementing our Contractor Management standard which is showing improved results over the past four years since implementation. Some initiatives that are making a difference include improved auditing and pre-qualification of contractors, engagement and working as a team (i.e., daily RC meetings and newsletters, greater safety awareness and accountability), and competency assurance.

We also piloted the use of the CARE standard, mentioned above. CARE helped to clearly communicate expected safe behaviours when involved with, or in the vicinity of predefined critical activities. (See Safety at Medicine Hat sidebar story, page 33.)

Overall, during the Medicine Hat turnaround there were 4 injuries to contractors that resulted in 6 days of lost work, and 55 days of restricted work. Compared to previous plant turnarounds this is an improved result. However, we still have work to do. In New Zealand, major plant repair works were completed with no significant injury.

In 2016 we have two major maintenance projects where we will continue to use these programs, with the end goal of zero injuries.

# COMMUNITY

Through our Responsible Care practices, we have built a reputation for being a good neighbour in communities around the world, and creating a positive and sustainable impact. Together, our talented team of employees helps support and build healthy communities that are great places to live and work.

## Community: Our Responsible Care® Ethic and Principles for Sustainability

- Work for the improvement of people's lives and the environment, while striving to do no harm
- Be accountable and responsive to the public, especially our local communities, who have the right to understand the risks and benefits of what we do

### WHY THIS MATTERS

Building and maintaining our community relationships is essential to our licence to operate. We invest in the health and well-being of our communities.

### HOW WE ARE MANAGING IT

Our Responsible Care and Social Responsibility policies define our goals and actions to build positive relationships in the communities where we have a significant presence, and to be accountable and responsive to the public.

We also contribute to the countries, regions and communities where we operate through tax and royalty payments, direct and indirect employment, and by purchasing local goods and services. In addition, we regularly invest money and time toward local communities. Employee-run social responsibility (SR)

committees at our locations around the world identify local needs and develop community investment strategies that align with our business objectives.

### Community Advisory Panels

We have established Community Advisory Panels (CAPs) at our manufacturing locations to encourage communication and transparency between Methanex and our fence-line communities. Depending on the location, each CAP meets four to six times per year.



Community Advisory Panel meeting in Medicine Hat, Canada







The TRANSCAER® Safety Train tank car used to train emergency responders.



Damietta, Egypt Plant Manager, visits the Kafr el Bateikh Community Development Association's kindergarten.



Free checkups and medicine at Methanex's medical caravan helped approximately 500 people in Damietta, Egypt.



Team members at Methanex Geismar volunteered at Junior Achievement's Finance Park, which teaches eighth graders about budgeting and personal finance through an interactive, day-long simulation.

## TRANSCAER®

TRANSCAER® (Transportation Community Awareness and Emergency Response) is an initiative of the Chemistry Industry Association of Canada (CIAC), and works with transportation carriers to ensure the safe handling of dangerous goods. It also helps communities be aware of the products passing through their area, and about the safety measures in place to respond to incidents.

We continue to put TRANSCAER®-aligned plans, procedures and resources in place. These enable us to effectively respond to potential crisis and emergency situations, and to protect our workforce, the environment, the public and our customers. All of our locations have emergency response programs (ERPs) to address potential emergencies. Each facility shares ERP-related information with the community and provides training to emergency responders on methanol incidents.

## Community Investment and Volunteering

Methanex team members strive to make a powerful impact on communities, by donating volunteer time to local projects, and by making financial investments to support healthy communities and initiatives.

We have a three-pillar approach to community investment and volunteering:

1. **Partnership with Employees** – Volunteerism, employee fundraising initiatives (matched by Methanex contributions)
2. **Responsible Care®** – Funding for environmental initiatives, health and safety improvements, community wellness and other community activities
3. **Education** – Funding for education initiatives and scholarships in chemical engineering, marketing, environmental studies, finance, information technology and industry-related technology or research projects

## HOW WE ARE DOING

## COMMUNITY IMPACT

### Community Advisory Panels

In 2015, we held 29 CAP meetings in Medicine Hat, Geismar, Trinidad, Egypt, Chile and New Zealand. We find our CAPs to be an excellent forum for engaging with community members, not only to inform them about plant operations and initiatives, but to seek input on local community initiatives and ways we can best support them. We also receive guidance relating to education, health and environmental events and investments. Initiatives and subjects of interest for CAP members vary from region to region. Some examples include:

**Geismar** – In 2015, community members expressed concern about available local jobs, and we actively engaged with them to discuss the competitive landscape and skills required for available positions within Methanex.

**Medicine Hat** – In 2015, the CAP discussed the creation of a Community Outreach Plan to more broadly share information with the community, and held a Community Day event for locals to visit and learn about our plant. (For more information about our Community Day, see sidebar on the next page.)

**Trinidad** – The CAP focused on business etiquette workshop for youths and safety/Responsible Care programs of the plant.

**Chile** – CAP conversations focused on sharing company information about our operations, social activities and Responsible Care projects, and members brought forth ideas on how to best communicate with the community at large.

**Egypt** – Discussions were held around ways to support the community, including school tuitions, medical equipment needs and children's activities.

**New Zealand** – CAP members held meetings to discuss plant maintenance issues and safety initiatives, as well as community fundraising.

### Emergency Response Preparedness in Chile

In 2015, we held an Emergency Expo 2015 in Punta Arenas, with the goal of supporting and educating the public about potential emergencies. Attended by over 1,000 people, the Expo included demonstrations of rescue and firefighting equipment, as well as rescue tools used in our facilities. In further support of our region's emergency efforts, we also donated more than \$6 million Pesos (US\$8,700) in equipment to Fire Punta Arenas, which included 37 strip hoses, fire helmets, foam educator and drums foam.

### Medicine Hat Opens its Doors to the Community

More than 400 guests visited the Medicine Hat plant for Methanex Community Day on September 23. Along with touring the facility, guests were able to engage with Methanex employees, who explained what methanol is and how it's used to make hundreds of everyday products. Tools and equipment were on display, and an emergency response demonstration highlighted the systems and equipment available on site.

Noreen Lyall, a Medicine Hat resident, attended Community Day and said it was a great way to learn about the plant. "We enjoyed speaking with all of the employees about what they did at the plant," says Lyall. "The displays at the tables were eye catching and each individual really knew exactly what their equipment did and was able to tell us in terms that were easy to understand."

"Visitors were engaged and curious about how we manage safety and environmental issues during the production of methanol," adds Howard Seto, Environmental Affairs Manager. "People left more knowledgeable about our operations and our commitment to build and maintain a relationship with the community: the mark of a successful event."



Methanex Punta Arenas donates equipment to local fire department.



Through the Methanex Medicine Hat teddy bear sale, 245 teddy bears and CAD\$2,278 (US\$1,700) were donated to children at the local hospital.







Scholarship recipients in Damietta, Egypt.



New Zealand team raises money to go towards healthcare.



Methanex Trinidad holds a Business Etiquette workshop for students.



Methanex Chile provides work training sessions for youth with disabilities.

## COMMUNITY INVESTMENT

### Safe Days in Medicine Hat

During the Medicine Hat major refurbishment and turnaround project, we donated \$400 (to local charities) for every day worked without a significant injury or process safety incident. Through this initiative, we were delighted to have the opportunity to provide a total of CAD\$46,724 (US\$35,400) in donations to the HALO Medevac Rescue Helicopter (CAD\$13,118 [US\$9,900]), the Alberta Children's Hospital Foundation Rotary/Flames House (CAD\$18,688 [US\$14,200]), and the Medicine Hat and District Health Foundation's Children's Health and Developmental Services Program (CAD\$14,918 [US\$11,300]). Through the Methanex Max teddy bear sale, 245 teddy bears and CAD\$2,278 (US\$1,700) were donated to the local hospital for children receiving health services.

### We Heart Taranaki

Employees in New Zealand led a community campaign, "We Heart Taranaki," to raise funds for a much-needed angiography suite at Taranaki Base Hospital. Since March 2015, Methanex New Zealand employees have raised NZ\$71,119 (US\$45,900) which will go towards improving healthcare in the region, providing a lasting benefit for the whole community with more accessible cardiology and vascular care.

### Business Training for Youth in Trinidad

Following on our practical first aid and CPR training for 175 residents in 2014-15, the CAP turned its attention to young people. In 2015, we held a Business Etiquette workshop for 21 young adults in Trinidad, to help them transition from student life to professional life. The workshop included training on essential skills such as resume writing and interview techniques.

### Opportunities for Youth with Disabilities in Chile

Methanex Chile launched an initiative to open its workplace to people with different abilities and to raise awareness among employees of the importance of inclusion. In March 2015, Methanex signed a cooperation agreement with the municipality of Punta Arenas and the Centro de Capacitación Laboral León Humberto Seguel, an organization with more

than 23 years of experience providing training and support to young people with disabilities. As part of this agreement, disabled youth now have opportunities to have three-month work training sessions at our Punta Arenas site, to practice skills they are developing at the Centre. In 2015, two students participated in this program.

### Scholarship Program in Damietta, Egypt

Our Methanex Egypt Scholarship Program aims to support students in pursuing a university education which would otherwise be out of reach due to financial constraints. In partnership with Misr El Kheir, one of the largest non-governmental organizations (NGOs) in Egypt, as well as three Damietta non-governmental organizations (NGOs), the scholarships will be awarded for three consecutive years to a total of 30 students. This year's scholarships were awarded to 10 high school students from Kafr El Batikh, Kafr Saad and Sananeya areas in Damietta. The program will provide an annual stipend of EGP\$10,000 (US\$1,275) for students, to cover their tuition fees, books and living expenses.

### Alberta Winter Games

Knowing that large multi-sport events draw on environmental resources, the Alberta Winter Games Committee incorporated sustainable actions into the framework of the 2016 Alberta Winter Games, held in Medicine Hat in February 2016. Methanex committed over CAD\$16,000 (US\$12,100) to support sustainable environmental initiatives at the Games, including waste reduction, sustainable transportation, water conservation, idle-free programming, and educational/communications strategies.

### Vancouver Elementary School Earthquake Preparedness

In Vancouver, we have a three-year partnership with Lord Strathcona Elementary School to address emergency supply and training shortfalls. This began with a CAD\$10,000 (US\$7,600) investment in 2014. In 2015, we provided CAD\$5,000 (US\$3,800) for emergency supplies, including two-way radios for all classrooms and the school office.



## Employee Volunteering

2015 was a tremendous year for giving back to our communities. By committing their time through volunteering, our staff created positive impacts in our local regions. Below are just some examples of staff volunteering in 2015:



Our Health and Safety Committee in Brussels organized an on-site Red Cross blood donation day. 37 people from Methanex and nearby companies donated blood, 22 of whom were first-time donors.



Team members in our Korea office delivered 1,000 coal briquettes (used for heat) to low-income families in Guryong Village.



Employees invested 340 volunteer hours to initiatives in China, Japan and Korea, helping the elderly and less fortunate; this included meal preparation and other forms of assistance.



Every year our Dallas staff volunteer at Camp Summit, giving children the chance to have an outdoor camp experience.



Our employees in Chile contributed to a variety of initiatives, including the Magallanes Telethon and a Christmas solidarity program.



For the third year in a row, 20 employees from our Geismar office participated in ChemFriends, a science fair for sixth grade students.



Employees and family members in Medicine Hat spent nearly 468 hours volunteering for a variety of organizations, including our first United Way campaign, Big Brothers Big Sisters and the Santa Claus Fund.



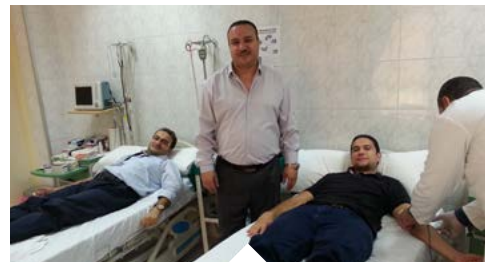
Employees in New Zealand spent 553 hours volunteering at a beach clean-up, the Relay for Life, a tree planting project and fire training, as well as the We Heart Taranaki campaign.



Trinidad staff volunteered for the Mentoring Our Children program, pairing students from fence-line schools with a Methanex mentor.



Vancouver team members once again supported the United Way of the Lower Mainland, and gave their time to initiatives such as the Dixon Transition Society, the Crabtree Corner Breakfast Program, the Vancouver Shoreline Clean-up and the Phoenix Academy of Learning Autism Society.



Employees and contractors in Egypt donated 55 units of blood to save lives.





# PRODUCT STEWARDSHIP

Methanex is the world's largest producer and supplier of methanol to major international markets in North America, Asia Pacific, Europe and South America. We have six production facilities and over 60 contracted terminal and storage facilities throughout the world. We distribute methanol to our customers via ship, barge, road, pipeline and rail.

## Product Stewardship: Our Responsible Care® Ethic and Principles for Sustainability

- Engage with our business partners to ensure the stewardship and security of our products, services and raw materials throughout their life cycles
- Innovate for safer products and processes that conserve resources and provide enhanced value
- Work with all stakeholders for public policy and standards that enhance sustainability

Product stewardship is front and centre at Methanex. Working together as One Team, we promote the proper use and safe handling of methanol, while implementing environmental stewardship and social responsibility in our supply chain. By minimizing risks at critical points in the methanol value-chain – product transportation, distribution, storage and use – we are doing our part to protect the public, the environment and communities in every country of our operations.

We do this through a variety of internal and external health, safety and environmental initiatives that are all guided by our Global Responsible Care Management System. We work with business partners and industry colleagues to improve the stewardship of products over their life cycle. We also readily share technical and safety expertise, as well as the risks and benefits of our operations

and products, with key stakeholders. We actively participate in local and international industry associations, seminars, conferences and online education initiatives. Each year, we communicate with more than 1,500 individuals worldwide, and we reach many more through our train-the-trainer model.

Finally, we are accountable and responsive to the public. We respond to community concerns about our products and services, have regular and proactive engagement with stakeholders, maintain up-to-date safety information and provide product information in an appropriate and timely manner.

## DISTRIBUTION AND SAFE HANDLING

Our global supply chain is supported by the world's largest fleet of methanol ocean tankers, managed by Waterfront Shipping, a wholly owned Methanex subsidiary. In North America, we ship approximately 10,000 shipments of methanol by rail every year.

### WHY THIS MATTERS

The distribution of methanol raises potential safety hazards from improper handling and storage, as well as environmental impacts, such as spills. (See the Environment chapter for more information.)

### HOW WE ARE MANAGING IT

#### Marine Vessel Safety

Waterfront Shipping takes practical precautions to minimize risk to people, the environment and the communities in countries in which we operate. We work with our contractors, ship owners and their ship managing companies to follow best industry practices and comply with all applicable regulations.

We go above and beyond regulations with our Responsible Care programs for shipping.

This includes:

- Vessel safety visits
- Chemical Distribution Institute's Marine (CDI-Marine) audits and inspections
- Methanol safety training for ships' crews
- Nitrogen safety and awareness training for crews
- Environmental compliance and energy efficiency
- Best practice sharing within the fleet and the industry through the Methanol Group

Every year, Waterfront Shipping provides customized training programs to more than 800 crew members working aboard the Waterfront fleet. This includes training on safe methanol handling and nitrogen awareness/nitrogen asphyxiation risks.

To verify compliance with all regulations and best practices, all ocean-going ships are required to complete an annual inspection based on the Chemical Distribution Institute's Marine (CDI-Marine) protocol. In addition, all contracted barge operations are audited to verify the safe transportation of methanol on inland rivers.

Our internal Safety Visit Program, conducted annually on all ships, is a review of 23 areas of on-board safety management and people practices (e.g., crew morale, motivation, leadership, safety culture). Results of this review help ship management companies improve their safety and environmental systems, and provide us with a benchmark of safety practices.

Our in-region barge operations are not owned or operated by Waterfront Shipping. However, all contracted companies have successfully passed our safety assessment protocol to enhance their Responsible Care performance when transporting methanol along inland rivers.



### Waterfront Shipping

Waterfront Shipping is a wholly owned Methanex subsidiary that manages the world's largest fleet of methanol tankers. This allows for control and flexibility in delivery of product to customers. A best-in-class fleet operating reliably maximizes opportunities, minimizes cost and enhances our preferred supplier status.

- A fleet of 22 modern, deep sea tankers
- Size: 3,000 to 50,000 dead weight tonnes
- Average age: less than 9 years
- Inspected annually through CDI-Marine standard
- > 800 crew members receive RC training annually
- 7 new vessels to be built with the "first-of-its kind" MAN B&W ME-LGI 2-stroke dual fuel engines that can run on methanol, fuel oil, marine diesel oil, or gas oil





### Terminal Safety

Contracted terminals, used to store our methanol, are requested by Methanex to undergo Chemical Distribution Institute's Terminal (CDI-Terminal) inspections by a third-party inspector every three years. In some cases, they are requested to do a self-assessment based on CDI-Terminal requirements. This includes essential aspects of safety and environmental protection. Following these inspections, we work with the terminals to prioritize the areas that need improvement. Other delivery locations that are not contracted by Methanex are also encouraged to participate in CDI-Terminal inspections.

### Road and Rail Safety

In Canada, Methanex follows an initiative led by the Chemistry Industry Association of Canada (CIAC) called the Transportation Emergency Assistance Program (TEAP III). In the US, we adhere to the American Chemistry Council's (ACC's) Transportation Community Awareness and Emergency Response (TRANSCAER®), a similar voluntary chemical industry initiative that supports transportation hazard management. While these standards are only applicable in North America, we are applying them to other regions and countries as well – such as China and Japan – as part of our commitment to stewardship.

Our Medicine Hat plant team works closely with all levels of government in Canada, as well as stakeholders in Alberta, regarding all aspects of emergency planning and

response. These stakeholders include the City of Medicine Hat, the Province of Alberta's Emergency Response Team, the Alberta Industrial Fire Protection Association (AIFPA) and HALO (Southern Alberta's Helicopter Air Lift Operation), among others.

Our road safety program includes:

- Audits and assessments of our land-based carriers/haulers on a three-to-five year cycle using a Methanex-appropriate protocol, i.e., the CDI-Terminal program, Safety and Quality Assessment System (SQAS) in Europe, Road Safety Quality Assessment System (RSQAS) in China, and Asociación Gremial de Industriales Químicos (ASIQUEM) in Chile.
- Truck methanol handling safety seminars and workshops.
- Truck company qualification and selection program.
- Transportation route risk assessments for motor carrier routes from all producing locations, as well as assessments of newly proposed routes.
- A road "spot test" program to assess the performance of truck drivers. Our fleet management standard sets stringent preventative maintenance requirements for our railcars, incorporating best practices and lessons learned from past incidents. In many cases, these requirements exceed those of industry.

All of the tank cars in our railcar fleet undergo mandatory regulatory inspections every 10 years, including a thorough review of tanks and valves, to ensure all equipment meets and/or exceeds legislated standards. Our North America Railcar Preventative Maintenance (PM) program complements this protocol and exceeds minimum regulatory mandates by requiring our own internal inspections every five years. We are recognized annually by railroads for our safety stewardship practices.



RC/Methanol Safety Seminars and Education

We provide Responsible Care Seminars for our supply chain partners, customers, terminals, surveyors, distributors, carriers, emergency services and local and/or regional authorities. Our objective is to share Responsible Care practices and initiatives, health & safety best practices, and learnings, focusing on the methanol supply chain and dangerous goods in general.

To help customers train their own employees and interact with their communities, we also provide technical information on methanol and nitrogen, available free on our website. These materials are provided in multiple languages and include material safety data sheets, a safe handling guide and video, and other educational materials.

HOW WE ARE DOING  
Marine Vessel Safety

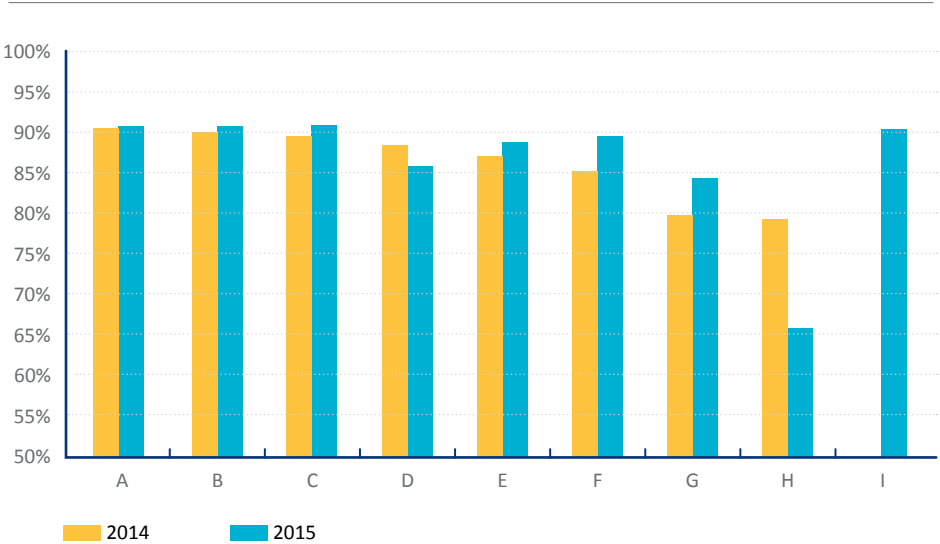
In 2015, our ship management companies met, on average, over 87% of the items in our Internal Safety Visit questionnaire; this included the addition of four new vessels to our fleet. This was a slight improvement over our 2014 ratings, and particularly good considering the expected learning curve pertaining to vessels new to the fleet.

CDI-Marine inspections were completed by accredited inspectors for all time chartered vessels. The number of observations requiring improvement has flattened out somewhat over the last two years, indicating we’ve done a good job of addressing concerns.

Successful methanol safe handling seminars were completed for the 82 crew members of the Stena Germanica, the first methanol-fueled passenger ferry. Course content included firefighting and training on on-board methanol-related equipment.

In 2016, we will conduct methanol safe handling training for crews on our new Waterfront Shipping vessels. In addition, we will ensure that all crews involved in the operation of the methanol fuel systems are properly trained to safely operate those systems, including safe procedures for transitions between fuels and handling of potential methanol fuel-related emergencies.

Safety Ratings – Vessel Management Companies



We see improvement across all management companies, with the exception of one (H).  
  
In 2015, we added a new company (I) which obtained a safety rating in line with the best performers in the fleet.

Planned	Achieved
17 x Annual Chemical Distribution Institute – CDI-M inspections	18
17 x Vessel Safety Visits	18
34 x Methanol Safety Training Sessions for Crew	38
18 x Nitrogen Safety Training Sessions for Crew	32

We exceeded the number of safety inspections, vessel visits and crew training planned in 2015. Partway through the year, planned nitrogen safety training sessions were increased from 1 to 2 per ship thus resulting in 32 sessions achieved.

## The Methanol Group

The Methanol Group is a working group formed by representatives of Waterfront Shipping, the ship owners, the technical managers of the various vessels in our fleet, and various marine safety consultants. The group's purpose is to develop and share best practices in safety, health, environment, quality and efficiency.

In 2015, the Methanol Group focused on Responsible Care and safety priority areas for the next two years, including:

### Crew wellness/well-being

- Improvements to onboard fitness facilities
- Improvements to Internet access for crew
- Methanol vapors exposure awareness and monitoring across the fleet

### Crew training

- Continuous developments in onboard computer-based training systems
- Training in ECDIS (Electronic Chart Display and Information System)
- Energy conservation training

### Mentorship and knowledge sharing

- Structured mentoring programs

### Compliance with company policies

- Improved processes for postings of policies, procedures and instruction

During vessel visits, it was observed that the implementation of the Ship Energy Efficiency Management Plans (SEEMP) could be improved. While the vessels meet International Maritime Organization (IMO) requirements to have an approved SEEMP onboard, implementation of energy savings initiatives could be more aligned within our fleet. In 2016, we will conduct another Methanol Group meeting where we will explore a more structured approach to energy saving.

## Terminal Safety

In 2015, based on the CDI-Terminal protocol, we planned to conduct third-party audits of 14 of Methanex's contracted terminals; this was completed. Our goal is to have over 70% of terminals Methanex delivers products to, including customer terminals, complete audits based on either CDI-Terminal, the Oil Companies International Marine Forum (OCIMF), or approved Methanex Terminal Pre-screening Assessments. We now have participation from 76% of these terminals.

Four of these audits were with biodiesel plants in Latin America. Out of the four plants audited, two were new sites that had only recently begun producing biodiesel, and had not been audited before. One of the others was a new methanol customer. An audit was also performed on a recently expanded terminal in Brazil; this is our largest private terminal in Brazil and will be one of Methanex's main terminals in 2016.

Some common areas requiring improvement across the regions:

- Deficiencies in firefighting equipment
- More methanol safety training required
- Deficiencies in explosion-prevention equipment

As part of our terminal audit program, we conduct CDI-T follow-ups to ensure any findings are addressed accordingly. In 2015, eight out of nine CDI-T follow-ups were completed.

## Road Safety

In 2015, we continued sharing our Distributor Responsible Care Standard with distributors in the Asia Pacific region. For the first time, we shared the standard with distributors in North America and Latin America. This program included our requirements pertaining to downstream sub-distributors and customers, to verify they have safety and legal compliance information, and practices in place for emergency preparedness, risk assessment, performance tracking and improvement.

The standard has been well received in North America and Latin America, and in 2016, we will assist these distributors with implementing the standard. In 2016, we will also continue rolling out the Distributor Standard in Europe, Colombia, Brazil and Peru.

In 2015, we began holding Methanol Safe Handling Webinars on a quarterly basis. Four of these webinars were conducted in 2015, with six of our key distributors, and over 120 participants in attendance.

We also commenced our partnership with the Chinese Government State Administration of Works and Safety (SAWS), to compile a methanol responsible distribution and safe transportation handbook for the Chinese methanol industry. This is the first such guideline in China, and was launched in September 2015 and the SAWS conference. We will continue distributing copies to our customers and distributors so they can further share these best practices with carriers in our value chain.

In Brazil, we concluded the fourth version of our truck audit program with SGS at our Cattalini terminal. On an annual basis, we load more than 15,000 trucks out of the Cattalini terminal, currently the main port of entry of methanol into Brazil. More than 200 trucks from over 20 companies that service methanol were randomly inspected. Inspection of the trucks hired by customers ended with very good results, obtaining an overall score of 98%.





## Methanol Truck Safety Seminar Teaches RC Values

In August 2015, Methanex employees in Beijing and Hong Kong led a methanol truck safety seminar in Linfen in the Shanxi province, our third methanol truck safety seminar held in China. Approximately 170 participants from 10 of the 11 cities in the province attended the seminar, including government officials, methanol producers and supply chain partners.

“As the world’s largest methanol producer and supplier, Methanex is well-known for its outstanding performance as a Responsible Care company,” said Mr. Li Donghong, Vice Mayor of Linfen. “This seminar provides a good opportunity for all of our participants to learn more about safe handling of methanol and bring our learning into practice.”

This event is a great example of how our product stewardship program can further enhance our relationships with local government, and inspire local businesses to work together toward the sustainability of the methanol and methanol fuel industries.

## Rail Safety

In 2015, we rolled out a North American Rail Safety Inspection Program, focusing on short lines and main distributors. All locations were in compliance with Federal Railway Administration and Transportation of Dangerous Goods requirements.

## Rail Safety Awards

We are proud to continue to receive accolades and awards for our rail safety performance. Methanex received BNSF’s 19th Annual Product Stewardship Award for the safe transportation of hazardous materials by rail during 2015 based on 500 loaded tank cars transported with zero non-accident releases (NARs). We were also recipients of CN’s Safe Handling Award, CP’s Chemical Shipper Safety Award and the 2015 Union Pacific Chemical Transportation Safety Pinnacle Award.

## Stakeholder Engagement

Each year, we communicate with more than 1,500 individuals worldwide, and we reach many more through our train-the-trainer model.

In 2015, we delivered 50 Responsible Care and methanol safety seminars, training sessions and presentations to global

stakeholder groups, including customers, logistics providers and carriers, terminal staff, local communities, emergency responders, industry associations and governments. We planned to deliver 25 safety seminars and well surpassed our goal in this area.

Some highlights from 2015:

- Our China team completed an Open Day at our China Taicang hub, to partner with our stakeholders and educate the local community on Methanex, methanol, and the safe handling of our product. The session was attended by over 150 representatives from government, customers, suppliers and community members.
- Eight training sessions on methanol safety and best practices were conducted in Chile and Brazil for customers from the resin, biodiesel and wood pulp industries, reaching over 280 people.
- In partnership with ASIQUIM, the Chile chemical producers association, we developed a Responsible Care module that will be taught at two of the most prestigious Universities in Chile for chemical degrees (Universidad Católica de Chile in Santiago and Valparaíso).

- Four training sessions on methanol safety and best practices were conducted in Peru, aimed at customers from the local biodiesel and paint sectors. The event reached out to more than 80 personnel from new companies not currently associated with Methanex.
- Two joint methanol safe handling sessions were conducted in Colombia, with 120 participants. Attendees included the local drug enforcement agency that regulates permitting and sale of methanol, as well as the local customer base.
- We held a Responsible Care seminar in Piscataway, New Jersey, which was attended by customer carriers, surveyors and Perth Amboy terminal employees.
- In conjunction with the Medicine Hat Community Day open house, we completed a Responsible Care seminar and multiple break-out sessions covering Methanex’s approach to managing transportation risk and product stewardship.
- A delegation from the China National Petroleum and Chemical Planning Institute (CNPCPI) visited New Zealand to learn about best practices in Responsible Care. As a result of the visit, the delegates indicated they would encourage the Chinese chemical industry to adopt Responsible Care practices to improve health, safety and environmental performance.

### TRANSCAER in Japan

In 2015, Methanex Japan Limited organized a Responsible Care seminar in Tokyo, a first-ever activity to introduce TRANSCAER to Japan. The main objective was to promote higher collaboration among Japanese companies, and to share best practices. In the seminar, Methanex took a leading role in explaining what TRANSCAER is, and shared the advantages and values generated from TRANSCAER programs.

At the end of the seminar, we conducted a survey to understand our Japan business partners' views about TRANSCAER. Based on their positive feedback, we plan to organize a mini TRANSCAER education event in 2016, which will focus on flammable goods truck safety.



If you have any questions or comments about this report or our Responsible Care and sustainability activities, **please contact us.**

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**Methanex Corporation**

1800 Waterfront Centre  
200 Burrard Street  
Vancouver, BC  
Canada V6C 3M1

**General Inquiries**

+1 800 661 8851  
(Toll-free in North America)  
+1 604 661 2600 (Phone)  
+1 604 661 2676 (Fax)  
[www.methanex.com](http://www.methanex.com)

**Asia Pacific**

Jian Tang  
Manager, Stakeholder  
Relations  
Beijing, China  
+86 10 8440 0318

**Caribbean**

Deborah Samaru  
Manager, Public Affairs,  
Point Lisas, Trinidad and  
Tobago  
+1 868 679 4400

**Europe**

Valerie Carlier  
Responsible Care Manager  
Brussels, Belgium  
+32 2 357 0310

**Middle East**

Hanan Nayal  
Manager, Public Affairs,  
Cairo, Egypt  
+20 12 1002 3000

**New Zealand**

Juliet Larkin  
Manager, Public Affairs,  
Motunui, New Zealand  
+64 6 754 9821

**South America**

Jose Martinic  
Manager, Responsible  
Care, Punta Arenas, Chile  
+56 61 27122402

**North America**

*British Columbia, Canada*

Louise McMahon  
Manager, Public Affairs,  
Vancouver, Canada  
+1 604 661 2600

*Alberta, Canada*

Jody Magill  
Manager, Government & Public  
Affairs, Medicine Hat, Alberta  
+1 403 527 8141

*Louisiana, USA*

Meg Mahoney  
Manager, Public Affairs, Geismar,  
Louisiana  
+1 225 402 0310



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