

2020 SUSTAINABILITY HIGHLIGHTS

Challenging Ourselves to Lead in Sustainable Energy

At MPLX, our commitment to sustainability means taking actions that create shared value with our stakeholders — empowering people to achieve more, contributing to progress in our communities and protecting the environment we all share.

Challenging Ourselves to Lead in Sustainable Energy

Meeting the needs of today while investing in an energy-diverse future



STRENGTHEN RESILIENCY

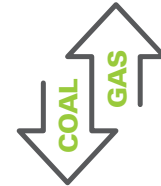
Strengthening our business for today, while building durability for tomorrow and beyond

Lowering Carbon Intensity

Target: Reduce methane emissions intensity **50%** by 2025 from 2016 levels



Natural Gas – Largest natural gas processor in the U.S. facilitating approximately **250 million** tonnes of CO₂e reductions per year from coal to gas switching within the power sector



Conserving Natural Resources

Issued a formal **BIODIVERSITY COMMITMENT**

5 certified wildlife habitats owned and maintained

MPLX gas processing plants are designed to use **little to no water** in their routine operations



Tangible Pathway to Reduce Methane Emissions from Existing Assets

LDAR

LEAK DETECTION AND REPAIR

Implementing LDAR and optical gas imaging to identify and repair leaks



Replacing or converting gas-driven pneumatic control valves



Replacing compressor rod packing



Minimizing emissions from pipeline launchers and receivers



Optimizing maintenance venting

Spill Prevention and Response

- Comprehensive approach to spill prevention across the company
- Robust and consistent emergency preparedness
- State-of-the-art spill prevention and response technology



28% reduction

in criteria pollutant emissions since 2002



\$26 million

environmental expenditures to improve environmental performance of assets

INNOVATE FOR THE FUTURE

Investing in the energy evolution to lower carbon intensity and capture value

Renewables and Emerging Technologies

Positioned for Potential Conversions for Renewable Products

Nationwide network tied to existing and planned infrastructure

- Processing plants
- Storage and export terminals
- Pipelines
- Marine and trucking



Transportation of renewable fuels, hydrogen and CO₂ for sequestration



Renewable Natural Gas

- Evaluating strategic **Renewable Natural Gas** opportunities for key assets
- Coalition for **Renewable Natural Gas** member

~46,000 tonnes of CO₂ captured at our Catcher Ranch, Oklahoma, gas plant



industrial applications

food and beverage industry

EMBED SUSTAINABILITY

Embracing sustainability in decision-making, in how we engage our people and in how we create value with stakeholders

Engaged and Energized Workforce

20% of annual employee bonus program linked to **ESG performance**

- Greenhouse Gas Intensity
- Diversity, Equity and Inclusion
- Designated Environmental Incidents
- Process Safety Events



~6,000

MPC employees support MPLX operations and assets

Engaging Our Stakeholders and Communities

\$1.7 million

invested in communities by MPLX and supporting employees

- 14,000** employee volunteer hours



Embracing a Culture of Operational Excellence

100% of MPLX is in scope of MPC's Operational Excellence Management System, which has been third-party reviewed for alignment with RC14001® and ISO 9001



- Comprehensive approach to **stakeholder engagement** across the company
- Industry-leading pipeline public engagement program — **Earning Your Trust**
- Robust engagement with **tribal stakeholders** in our operational footprint
- Implemented **Policy on Human Rights, Including the Rights of Indigenous People**



OSHA'S VOLUNTARY PROTECTION PROGRAM

24

VPP Star certifications earned



25

covering MPLX facilities

Advancing Supply Chain Sustainability

Implemented in 2020, our **SUPPLIER CODE OF CONDUCT** extends our commitment to sustainability across the value chain

\$64 million

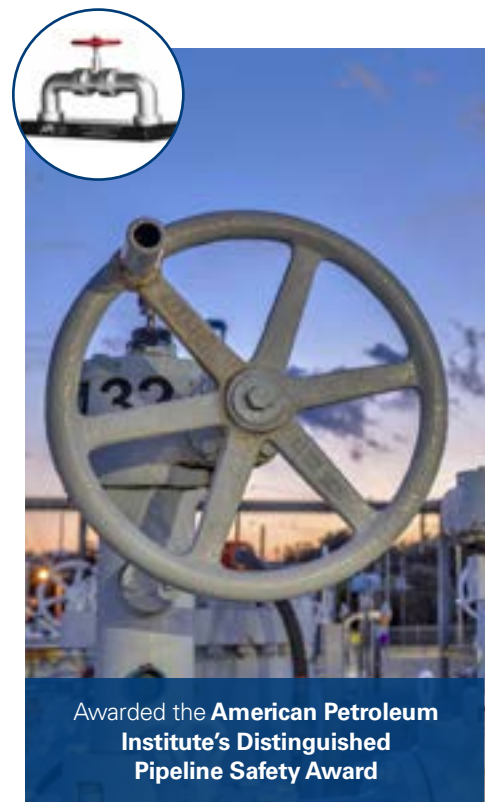
total diverse supplier spend

MPLX at a Glance

MPLX is a diversified, large-cap master limited partnership formed by Marathon Petroleum Corporation (MPC) that owns and operates midstream energy infrastructure and logistics assets and provides fuels distribution services.

Assets include:

- Crude oil and refined product pipelines
- Marine business
- Light product and asphalt terminals
- Liquefied petroleum gas (LPG) storage caverns
- Refinery tanks, docks, loading racks and associated piping
- Crude and light product marine terminals
- Crude oil and natural gas gathering systems and pipelines
- Natural gas and natural gas liquids (NGL) processing and fractionation facilities



Scan the QR code to view our full **2020 Sustainability Report** or visit mplx.com/sustainabilityreport
email: sustainability@mplx.com