

2020 SUSTAINABILITY HIGHLIGHTS

Challenging Ourselves to Lead in Sustainable Energy

At Marathon Petroleum and 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

First U.S. independent downstream energy company to link GHG emissions intensity target to **compensation**

Target: Reduce Scope 1 and 2 GHG emissions intensity **30%** by 2030 from 2014 levels



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



ENERGY STAR AWARD 2021
PARTNER OF THE YEAR
Sustained Excellence

- ✓ Partner of the Year — fourth consecutive year
- ✓ Only downstream company to have earned the EPA's elite "Partner of the Year" designation

Diversified Portfolio Largest natural gas processor in the U.S. facilitating approximately **250 million** tonnes of CO_2e reductions per year from coal to gas switching within the power sector



Conserving Natural Resources

Target: Reduce freshwater withdrawal intensity **20%** by 2030 from 2016 levels



2020 Focus on Water Program
One of the **first** U.S. downstream energy companies to launch a program to track and reduce freshwater intensity across all of our operations

570 million gallons of fresh water saved

$2.6 million cost savings, first year

Issued a formal **biodiversity commitment**

$630 million environmental expenditures to improve environmental performance of assets

54% reduction in criteria pollutant emissions since 2002

INNOVATE FOR THE FUTURE

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

Renewables

Delivered **~2.1 billion** gallons of renewable fuels to consumers

Avoided nearly **9 million** tonnes of customers' CO_2 transportation emissions

Dickinson, North Dakota Renewable Diesel Facility

184 million gallons/year capacity

Second largest in the U.S.
Producing a **~50% lower** carbon intensity **renewable diesel**

~421,000 tonnes of CO_2 **captured annually** from MPC operations and joint ventures

- **industrial applications**
- **food and beverage industry**

Martinez, California Renewable Fuels Facility Conversion

730 million gallons/year capacity

60% reduction in GHG emissions compared to previous refinery operations

Emerging Technologies

Creating alternatives to petroleum-based products by converting plant sugars to fossil-free fuels and chemicals through our wholly owned subsidiary, **Virent**

Exploring **sustainable aviation fuel** opportunities with Southwest Airlines and other potential partners

Partnering with **Fulcrum BioEnergy** to process biocrude from municipal solid waste

Evaluating strategic **Renewable Natural Gas** opportunities for key assets

EMBED SUSTAINABILITY

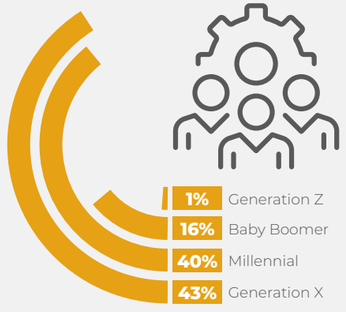
Embracing sustainability in decision-making, in how we engage our people and in how we create value with stakeholders

Engaged and Energized Workforce

First independent U.S. downstream energy company to link Diversity, Equity and Inclusion metric to **compensation**

62 EMPLOYEE NETWORK CHAPTERS to support a diverse workforce and an inclusive environment

Total Workforce
18,639 employees



Engaging Our Stakeholders and Communities

$17 million+ invested in communities by MPC, MPLX, and our employees

- **44,000+** employee volunteer hours
- **$3.3 million** donated to COVID-19 relief efforts

- Comprehensive approach to **stakeholder engagement** across the company
- Robust engagement with **tribal stakeholders** in our operational footprint
- **Robust transparency** on political engagement and lobbying
- Implemented **Policy on Human Rights, Including the Rights of Indigenous People**

Embracing a Culture of Safety

40% reduction in Tier 1 and Tier 2 refining process safety events since 2016

OSHA'S VOLUNTARY PROTECTION PROGRAM

33 VPP Star certifications earned

covering **44** MPC and MPLX facilities

Accountable and Transparent Governance

Sustainability Linked to Compensation

- **20%** of **annual** bonus target based on **ESG** metrics

Board Oversight
ESG embedded across multiple Board committees

- Sustainability and Public Policy
- Governance
- Compensation
- Audit

Advancing Supply Chain Sustainability

$277 million total supplier diversity spend

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

MPC at a Glance

134 years
of experience in the energy business, with roots tracing back to 1887

2.9 million
barrels per calendar day of crude oil refining capacity

2.1 billion
gallons of renewable fuels delivered to consumers in 2020

2 strong brands
operating 1,800 North American retail and marketing locations

MPLX
MPC's master limited partnership formed to own, operate, develop and acquire midstream energy infrastructure assets

11.8 billion
standard cubic feet per day of natural gas processing capacity

42 million
barrels of storage capacity at 112 light product and asphalt terminals

A marine business that owns and operates
23 vessels and
300 barges

Own, lease or have ownership interest in
17,000+
miles of pipeline

Member of S&P Global Dow Jones Sustainability Indices



Dow Jones Sustainability North America Index for **second straight year**

100% score



on **Human Rights Campaign Corporate Equality Index**

JUST Forbes 2021



Named one of the **top 100** companies leading in **responsible capitalism**

TxN 20 2020



Named to the **Texan by Nature 20** list for conservation work



Awarded the **U.S. Coast Guard's Rear Admiral William M. Benkert Award for Excellence**

AFPM SAFETY AWARDS



Awarded **eight American Fuel & Petrochemical Manufacturers Safety Awards**

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Scan the QR code to view our full **2020 Sustainability Report** or visit marathonpetroleum.com/sustainability