

Essential Products. Environmental Stewardship.



At Koch, we help people improve their lives by providing products and services they value more highly than their alternatives. We do this by experimenting and innovating to responsibly create more value for others while consuming fewer resources. The result is mutually beneficial outcomes. For our employees. For our communities. For our customers and suppliers. For our environment. Here's how.

By the Numbers.

*Data reflects aggregate Koch companies unless otherwise noted.

REDUCING WASTE



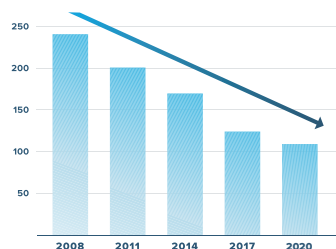
58% (571MM LBS) REDUCTION IN PRODUCTION-RELATED WASTE FROM 2012 THROUGH 2020.

91% PRODUCTION-RELATED WASTE RECYCLED, RECOVERED FOR ENERGY OR TREATED IN 2020.

LOWERING EMISSIONS

46%

DECREASE IN TOTAL CRITERIA AIR EMISSIONS
from 2008-2020
(last reporting year).



30%

LOWER CRITERIA AIR EMISSIONS PER BARREL
Flint Hills Resources' Pine Bend and Corpus Christi refineries' combined emissions per barrel are approximately 30% lower than the average U.S. refinery.

615,000

GALLONS OF FUEL SAVED
KBX used smart software to reduce 6,250 metric tons of carbon dioxide emissions in one year.

70%

REDUCTION IN CRITERIA AIR EMISSIONS
Flint Hills Resources' Pine Bend and Corpus Christi refineries have reduced criteria air emissions by 70% since 2000 while increasing production.

80%

DECREASE IN SULFUR DIOXIDE AIR EMISSIONS FROM 2008-2020.

55%

OF GEORGIA-PACIFIC'S ENERGY NEEDS COMES FROM RENEWABLE BIOMASS SOURCES.

19%

REDUCTION OF GHG IN THE U.S. SINCE 2014. MORE THAN 8MM METRIC TONS OF CO2E.

SAVING ENERGY

**\$1.5B**

INVESTED IN ENERGY EFFICIENCY
PROJECTS ACROSS U.S. KOCH
FACILITIES SINCE 2015.

6 EPA'S ENERGY STAR®
CERTIFIED FACILITIES
across four diverse
industries in the past year.

- Refining
- Fertilizer
- Pulp and paper
- Flat glass

1,300+

AWARDS FOR CUSTOMER SERVICE,
ENVIRONMENTAL EXCELLENCE, COMMUNITY
STEWARDSHIP, INNOVATION AND SAFETY.

HIGHLIGHTS



**ENERGY STAR
AWARD 2021**

PARTNER OF THE YEAR

- EPA's ENERGY STAR
Top Projects
- EPA's SmartWay®
Excellence Award

1ST PULP MILL EVER TO EARN
THE EPA'S ENERGY STAR
CERTIFICATION.

\$1B INVESTED IN ENERGY
TRANSFORMATION
such as battery storage, solar
smart grid technology and smart
combustion to date in 2021.

“Major companies, like Koch,
that invest in energy reduction
and efficiency are investing in
their future and ours.”

EPA REGION 7

CONSERVING HABITATS

1MM TREES PLANTED
Georgia-Pacific has planted
more than 1 million trees
through direct investments
in conservation projects.

ENVIRONMENTAL INNOVATIONS

70 TONS
POTENTIAL
AIR EMISSIONS
REDUCTION USING
DIGITAL SENSORS.

Flint Hills Resources and Molex, in partnership with the EPA, created a leak detection and repair system using digital sensors. This has the potential to reduce air emissions by as much as 70 tons at a refinery, comparable to the annual emissions of more than 5,000 cars.

**RECYCLING PLASTIC-
COATED CUPS.**
90% WERE PREVIOUSLY
UNRECYCLABLE.

Georgia-Pacific developed and implemented a best-in-class breakthrough process to recycle plastic-coated cups that were previously unrecyclable.