

# 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



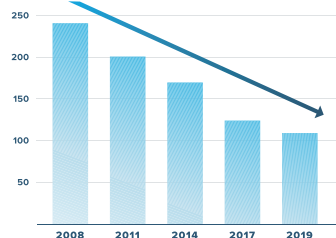
**53%** (527MM LBS) REDUCTION IN PRODUCTION-RELATED WASTE FROM 2012 THROUGH 2019.

**91%** PRODUCTION-RELATED WASTE RECYCLED, RECOVERED FOR ENERGY OR TREATED IN 2019.

### LOWERING EMISSIONS

**55%**

**DECREASE IN TOTAL CRITERIA AIR EMISSIONS** from 2008-2019 (last reporting year).



**30%** **LOWER 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.

**27%** **REDUCTION IN ENVIRONMENTAL RELEASES.** Pollution prevention activities resulted in a 27% reduction in environmental releases from 2018 to 2019 according to the latest EPA TRI report.

**55%** **OF GEORGIA-PACIFIC'S ENERGY NEEDS COMES FROM RENEWABLE BIOMASS SOURCES.**

**80%** **DECREASE IN SULFUR DIOXIDE AIR EMISSIONS FROM 2008-2019.**

**11%** **REDUCTION OF GHG IN THE U.S. WHICH EQUALS OVER 4.9MM METRIC TONS OF CO2 SINCE 2014.**

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



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

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

**\$490MM**

INVESTED IN ENERGY TRANSFORMATION such as battery storage, 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

**312,900** ACRES ACROSS 14 KOCH SITES earned Wildlife Habitat Council Certification.

**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.