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**

- **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.

KOCHind.com/Responsibility

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EPA’s ENERGY STAR® CERTIFIED FACILITIES across four diverse industries in the past year.

- Refining
- Fertilizer
- Pulp and paper
- Flat glass

$1.5B INVESTED IN ENERGY EFFICIENCY PROJECTS ACROSS U.S. KOCH FACILITIES SINCE 2015.

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.

$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.