

ENVIRONMENTAL SOLUTIONS OVERVIEW

Environmental stewardship is embedded in all we do at Koch Engineered Solutions. We work together with our customers, communities and constituents to deliver better products while consuming fewer resources. Our expanding portfolio of environmental solutions is constantly transforming to meet your needs, from reducing carbon emissions to increasing energy efficiency and more. We are proud to offer this wide range of solutions that are being applied across multiple industries globally.



Carbon Capture & Reduction

- ▶ Emissions control for industries worldwide
- ▶ Domain expertise and engineered solutions to address ever-increasing expectations
- ▶ Capabilities to leverage hydrogen as an alternative fuel



Operational Reliability & Energy Efficiency

- ▶ Development of innovative technologies
- ▶ Enhancement of asset performance & emissions control
- ▶ Process units to help reduce emissions



Emissions Reduction

- ▶ Design/manufacture of industrial flares & combustion-related equipment
- ▶ Comprehensive solutions to reduce flaring & methane emissions



Renewable Energy

- ▶ Solar power, energy storage & repower
- ▶ Solar plant operations support
- ▶ Low-emission alternative fuels (renewable diesel & renewable natural gas)

Scan for more
stewardship details.



A PREFERRED PARTNER

As part of a diversified global company, Koch Engineered Solutions operates with a mental model known as Koch Labs. Our internal and external subject matter experts collaborate to enable quicker product design cycles and speed to market through innovation and experimentation. We help customers reach their own environmental goals by developing, integrating and applying superior technical and service solutions across industrial value chains.

LOW CARBON SOLUTIONS



Carbon Capture & Reduction

- ▶ Carbon Capture Solution ¹
- ▶ Hydrogen Fuel Burner Technology ²
- ▶ Vapor & Combustion Expertise ²
- ▶ Mass Transfer Equipment & Process Knowledge ³



Operational Reliability & Energy Efficiency

- ▶ mPACT2WO ⁴
- ▶ Random Packing ³
- ▶ Optimized Tray Design & Dividing Wall Columns ³
- ▶ TWISTED TUBE® Heat Exchangers ⁷



Emissions Reduction

- ▶ SOLEX™ ²
- ▶ Ultra Low Emission Flares ²
- ▶ DTL™ & ExoS™ ⁶
- ▶ Flare Gas Recovery & Methane Reduction Solutions ²
- ▶ Thermal Oxidizers ²
- ▶ Boiler Burners ²



Renewable Energy

- ▶ Solar Utility, Repowering Services, Energy Storage & Plant Operations ⁵
- ▶ Renewable Diesel ¹
- ▶ Renewable Natural Gas from Landfills ¹
- ▶ Renewable Natural Gas from Digesters ¹

¹ Koch Engineered Solutions ² John Zink Hamworthy Combustion ³ Koch-Glitsch
⁴ Molex ⁵ DEPCOM Power ⁶ Koch Technology Solutions ⁷ Koch Heat Transfer