



## High-Performance Adsorbent Captures Natural Gas and Reduces Emissions

**N**atural gas combustion produces less greenhouse gas (GHG) emissions than the burning of other fossil fuels. For example, GHG emissions from shale gas can be 6% lower than conventional natural gas, 23% lower than gasoline, and 33% lower than coal. Unfortunately, much of this advantage is lost due the lack of containment infrastructure at hydrocarbon wells. Although vast amounts of heavier gases are captured by cooling, valuable methane and other

by conventional means and are often

U.S. loses approximately 15% of its natural gas withdrawal in this way.