

Fast facts on the benefits of U.S. LNG

The U.S. LNG industry drives significant economic growth

- In 2023, the U.S. LNG industry contributed [\\$44 billion](#)¹ in economic activity and supported over [222,000 jobs](#).¹
- Similarly, it provided [\\$23 billion](#) in labor income and nearly [\\$11 billion](#)¹ in taxes and royalty payments.
- In 2023, U.S. LNG exports reduced the U.S. trade deficit by [\\$34.2 billion](#),² or 4.2%.

Economic Metric	2023
Employment (jobs)	222,450
Labor Income (\$billions) ^b	\$23.2
GDP (\$billions)	\$43.8
Tax and Royalty Payments (\$billions) ^c	\$11.0

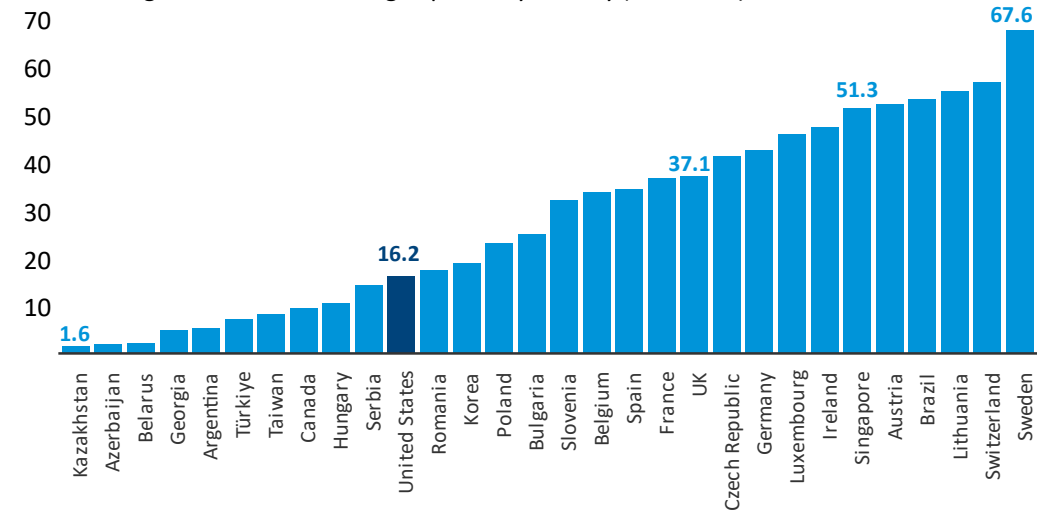
Source: PricewaterhouseCoopers

U.S. LNG exports do not negatively impact the U.S. energy market

- Despite record exports, Americans enjoy among the lowest residential natural gas prices in the world.³
- Since the birth of the U.S. LNG export industry, growth in natural gas production has outpaced LNG export growth nearly [three-fold](#).⁴
- Since LNG exports began in 2016, Henry Hub natural gas prices have averaged [37% lower](#)⁵ than during the preceding decade.
- Artificially obstructing needed natural gas infrastructure, including pipelines, [will impede access](#)⁶ to low-cost natural gas regardless of LNG export levels.

U.S. residential natural gas prices remain some of the lowest, particularly in the OECD, despite record high natural gas exports

2023 average residential natural gas prices by country (\$/MMBtu)



Source: International Energy Agency

¹The Economic Benefits of U.S. LNG Exports | NAM ²U.S. Energy Trade Dashboard | International Trade Administration ³Impact Analysis of U.S. Natural Gas Exports on Domestic Natural Gas Pricing | Energy Ventures Analysis ⁴Natural gas explained | EIA ⁵Natural Gas Futures Contract 1 | EIA ⁶Impact Analysis of U.S. Natural Gas Exports on Domestic Natural Gas Pricing | Energy Ventures Analysis



American Petroleum Institute



AMERICAN EXPLORATION & PRODUCTION COUNCIL



THE US LNG ASSOCIATION



U.S. Chamber of Commerce Global Energy Institute



U.S. LNG can help reduce greenhouse gas emissions globally

- Coal-to-gas switching is the key reason the U.S. has [led the world in carbon dioxide reductions](#)⁷ since 2005, and the LNG industry allows us to export that success story.
- Global coal consumption reached a record high of [8.7 billion tons](#)⁸ last year, and in 2024, [3 out of every 4 tons](#)⁹ of coal burned globally will occur in India, China, and Southeast Asia.
- Because U.S. LNG has a [far lower emissions profile](#)¹⁰ than the fuels it will [likely displace](#)¹¹, it drives global emissions reductions.
- Methane emissions from onshore U.S. oil and natural gas production have fallen [over 40%](#)¹² since 2015, while production has increased over 50%.

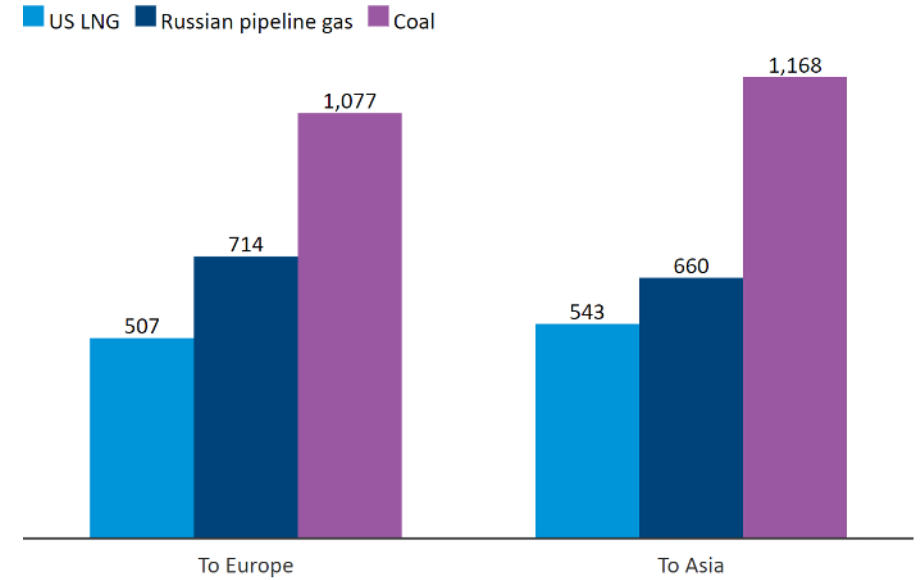
U.S. LNG is needed to meet growing global energy demand

- The EIA projects that global natural gas demand [will grow by 29%](#)¹³ by 2050, as emerging economies industrialize, and coal-heavy regions seek to decarbonize.
- While our competitors are greenlighting LNG export projects to meet this growing demand, the DOE pause has left the U.S. stuck in neutral.
- The amount of LNG export capacity stuck in [DOE's LNG pause](#)¹⁴ is equivalent to the annual natural gas [consumption of Japan](#)¹⁵ and represents over \$50 billion in direct investment.
- The Middle East [was the leader](#)¹⁶ in greenlighting new projects in 2024.
- U.S. LNG is key to supporting the energy security of our allies – following Russia's invasion of Ukraine, the U.S. was able to [replace over 85%](#)¹⁷ of the natural gas Europe lost.

⁷The changing landscape of global emissions | IEA ⁸Coal Mid-Year Update – July 2024 | IEA ⁹Coal Market Update – July 2023 | IEA ¹⁰Comparative GHG Footprint Analysis for European and Asian Supplies of US LNG, Pipeline Gas, and Coal | BRG ¹¹Lifecycle GHG Emissions of US LNG Exports | ICF ¹²Greenhouse Gas Reporting Program | EPA ¹³International Energy Outlook 2023 – Table A6. World natural gas consumption by region. Reference case | EIA ¹⁴Summary of LNG Export Applications of the Lower 48 States | U.S. Department of Energy ¹⁵2024 World Statistical Review of Energy | Energy Institute ¹⁶Global Gas Security Review 2024 | IEA ¹⁷The Future of Natural Gas in a Low-Carbon World | EFL Foundation

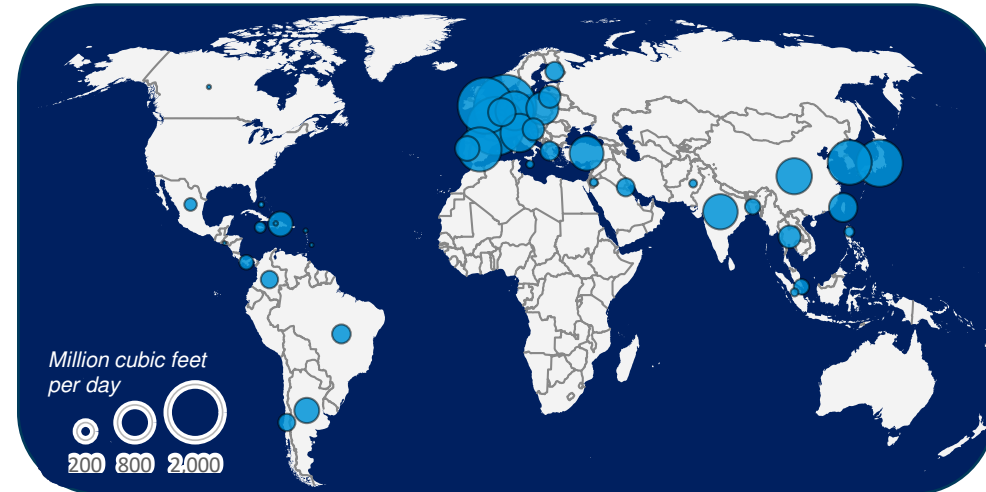
U.S. LNG has lower GHG intensity than Russian natural gas or coal

GHG Intensity of delivered energy to Europe and Asia (kg CO₂e/MWh)



Source: Berkeley Research Group

U.S. LNG Export Destinations – 2023



Source: U.S. EIA