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Dena Wiggins, President and CEO  
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# NATURAL GAS SUPPORTS \$30 BILLION CAPITAL INVESTMENT IN U.S. MANUFACTURING 2023-2027

As a result of the shale revolution and its impact on domestic natural gas prices, the U.S. is projected to see tremendous long-term growth in industrial demand between 2023 and 2027.



16

NEW PROJECTS



6

EXPANSIONS



56

COMPLETED PROJECTS

\$29.8

BILLION IN INVESTMENTS

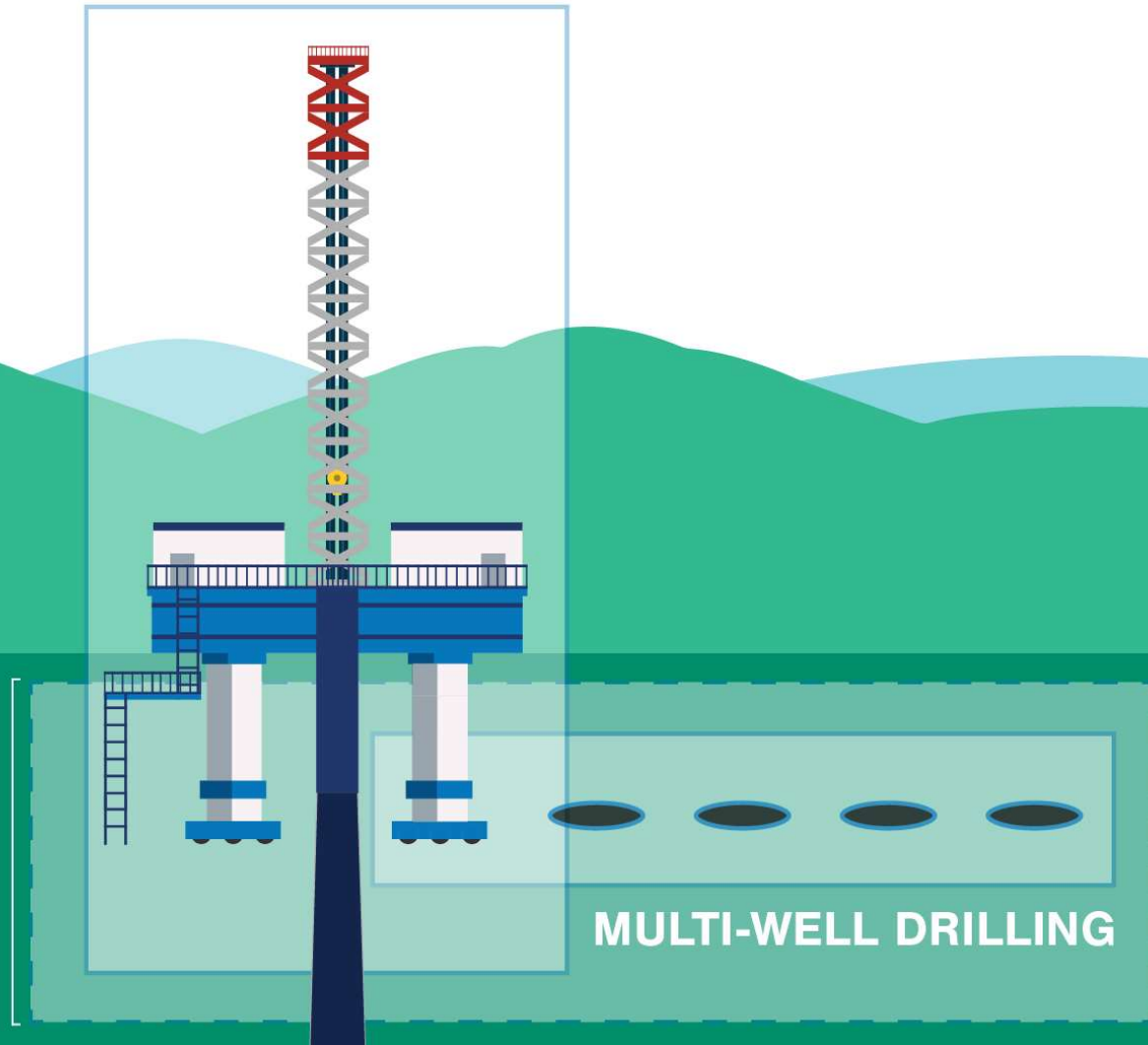
# NATURAL GAS PRODUCTION TODAY: LET'S DIG IN.

Moving a drilling rig between two well sites previously involved disassembly. Today's walking rigs allow:

- Smaller surface area
- One drilling pad with up to 12 wells
- Reduced movement time

## SMALLER SURFACE AREAS

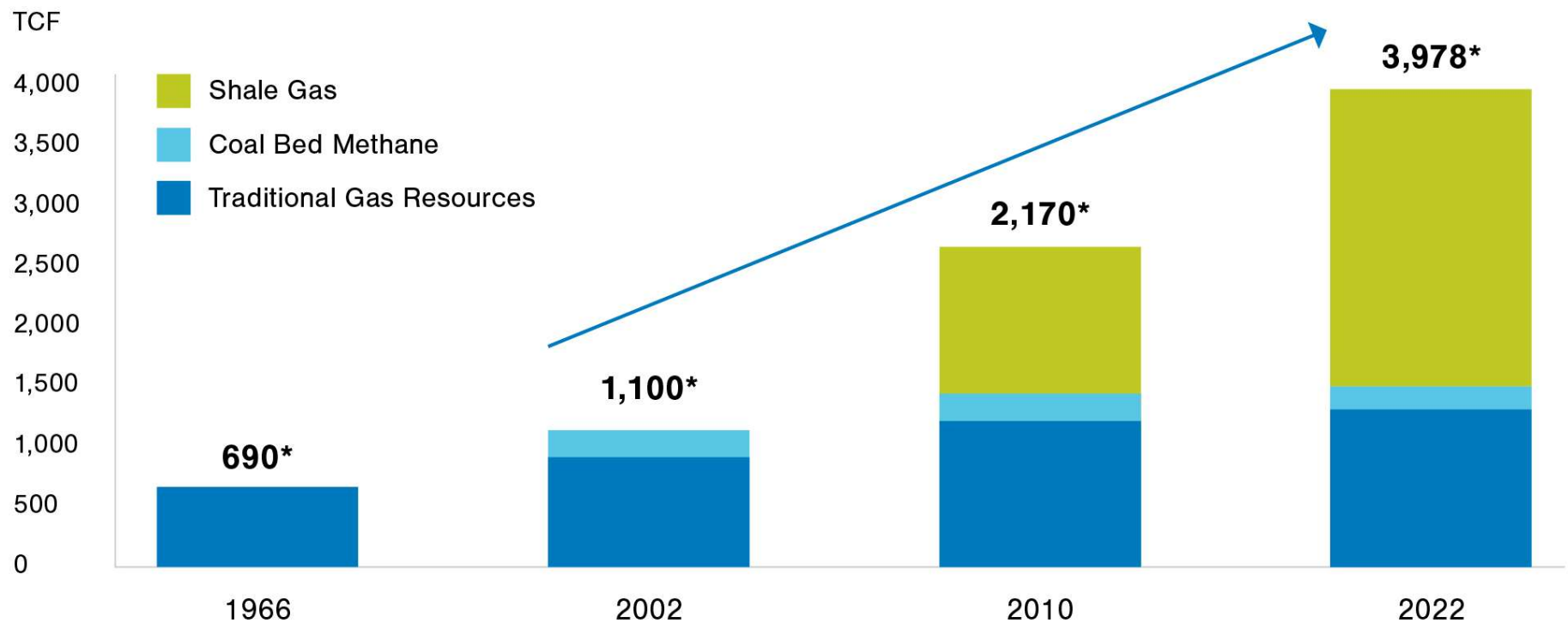
## WALKING RIG



Source: U.S. Energy Information Administration

# U.S. RECOVERABLE NATURAL GAS RESOURCES TRIPLED SINCE 2002

## Shale Gas Was Zero; Now Biggest Contributor



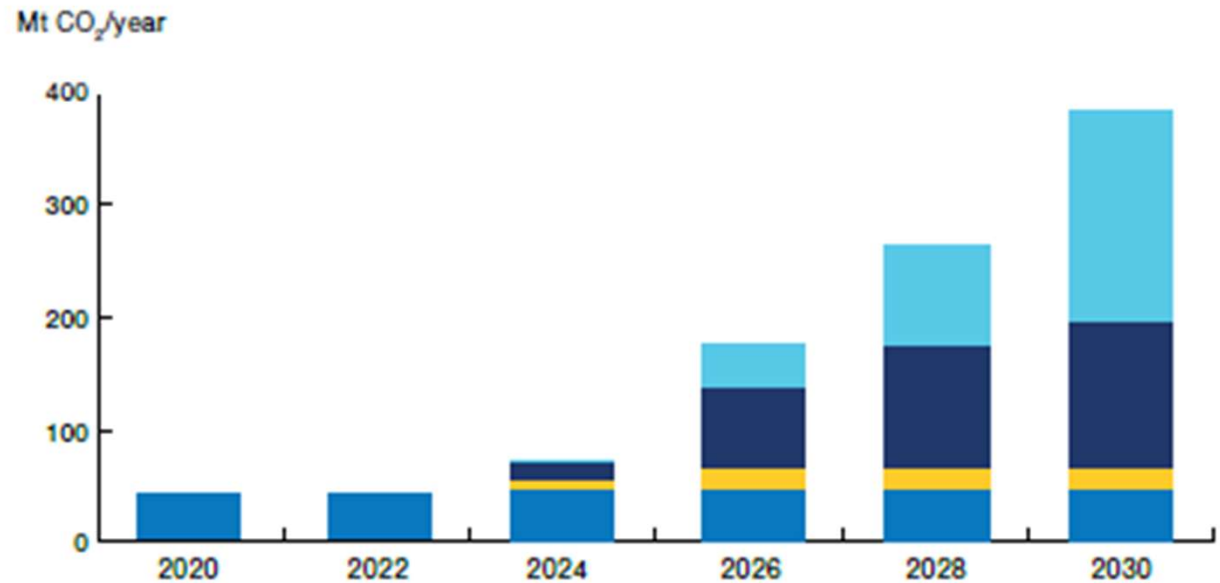
Source: Potential Supply of Natural Gas Resources in the U.S. 2022, Potential Gas Committee, 2023

\*Total includes EIA proved reserves

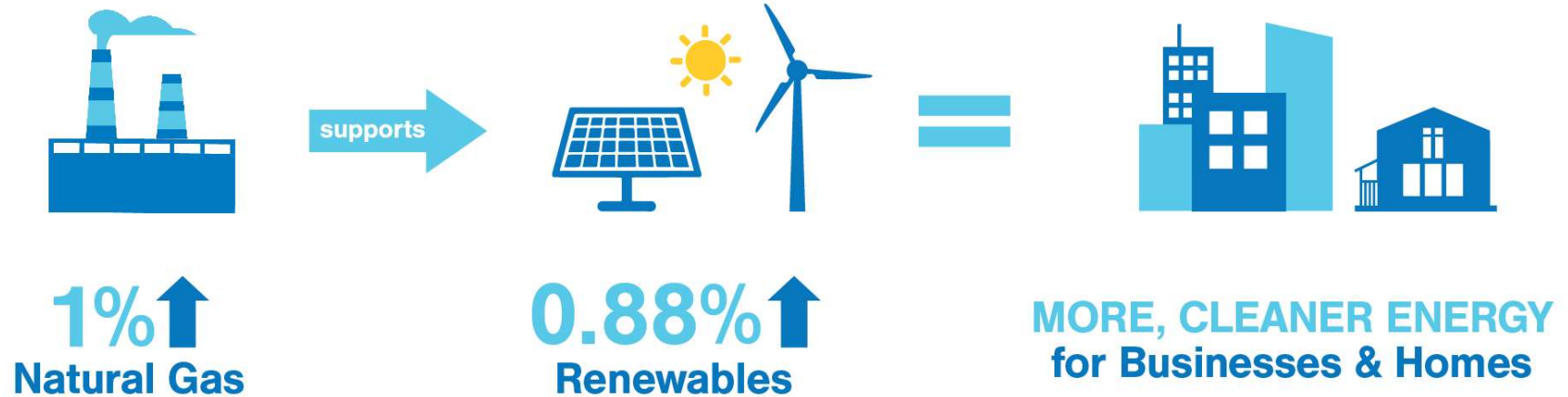
# LARGE CARBON CAPTURE PROJECTS AIM TO CAPTURE 400 MILLION TONS OF CO<sub>2</sub> BY 2030

## CAPACITY OF CURRENT AND PLANNED LARGE-SCALE CO<sub>2</sub> CAPTURE PROJECTS, 2020-2030

- Operating
- Under construction
- Advanced development
- Concept and feasibility



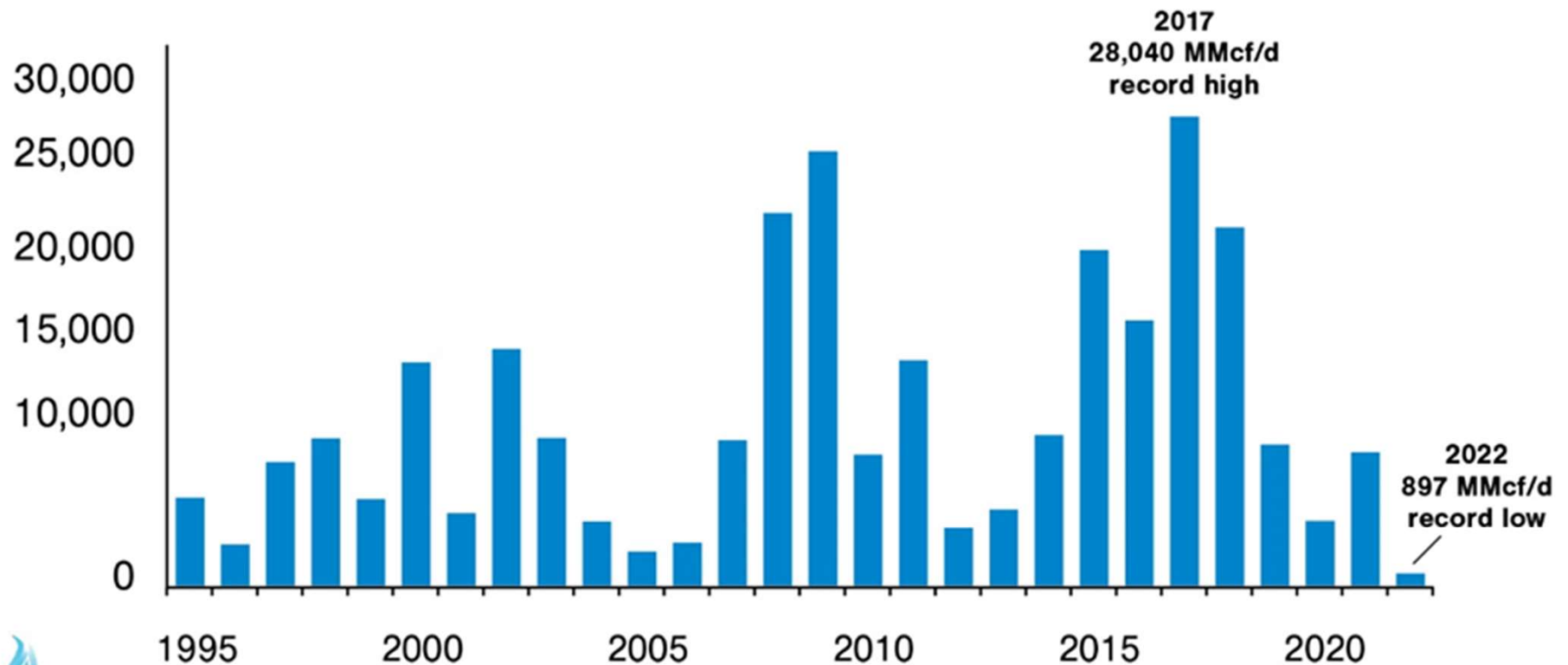
# MORE NATURAL GAS, MORE RENEWABLE ENERGY



Source: National Bureau of Economic Research, "BRIDGING THE GAP" (2016)

# HIGHS AND LOWS: PIPELINE CAPACITY ADDITIONS FACED WITH CHALLENGES

## ANNUAL INTERSTATE NATURAL GAS PIPELINE CAPACITY ADDITIONS (1995-2022) MILLION CUBIC FEET PER DAY (MMCF/D)





**NGSA**

Natural Gas Supply Association

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***Thank you!***

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**Dena E. Wiggins**  
**President and CEO, Natural Gas Supply Association**



As NGSA's President and CEO, Dena Wiggins leads efforts to advance the natural gas industry's economic and environmental agenda with NGSA member companies, regulators, legislators and other key stakeholders. She manages daily operations of NGSA and is responsible for member relations, media engagement, advocacy and government affairs activities.

Dena has spent much of her professional career engaged in representing producer/marketers before the Federal Energy Regulatory Commission. She has testified before FERC on policy matters pending before the Commission and has been involved in every major natural gas rulemaking since Order No. 436. She frequently speaks with key Hill and White House staff, NARUC and other policymakers on the importance and benefits of natural gas use, supply and competitive markets. She has led hundreds of discussions on natural gas priority issues at conferences and is regularly quoted as an industry expert in the media, including *Reuters*, *S&P Global*, the *Houston Chronicle*,

*Politico*, *Natural Gas Intelligence* and *RTO Insider*.

Dena is deeply involved in the National Association of Regulatory Utility Commissioners (NARUC), particularly the Committee on Gas, where she has advocated for the benefits of natural gas in a lower carbon energy future.

She represents NGSA at the Commodity Futures Trading Commission (CFTC) and chairs the CFTC's Energy and Environmental Matters Advisory Committee (EEMAC), which plans to explore the relationship between infrastructure constraints and natural gas markets.

Dena currently serves on the Board of the National Association of Manufacturer's Council of Manufacturing Associations and on the Board of the British-American Business Association. In addition, she serves on the Advisory Council of New Mexico State University's Center for Public Utilities and is a member of the Council Group of the American Bar Association's Infrastructure and Regulated Industries Section. She also serves on the Board of The Washington Ballet.

Previous to NGSA, she was a partner in the law firm of Ballard Spahr and served as General Counsel to the Process Gas Consumers Group. She holds a Bachelor of Arts degree from the University of Richmond and a Juris Doctor from Georgetown University Law Center.