# *Fueling the Future by Converting Innovation to Value*

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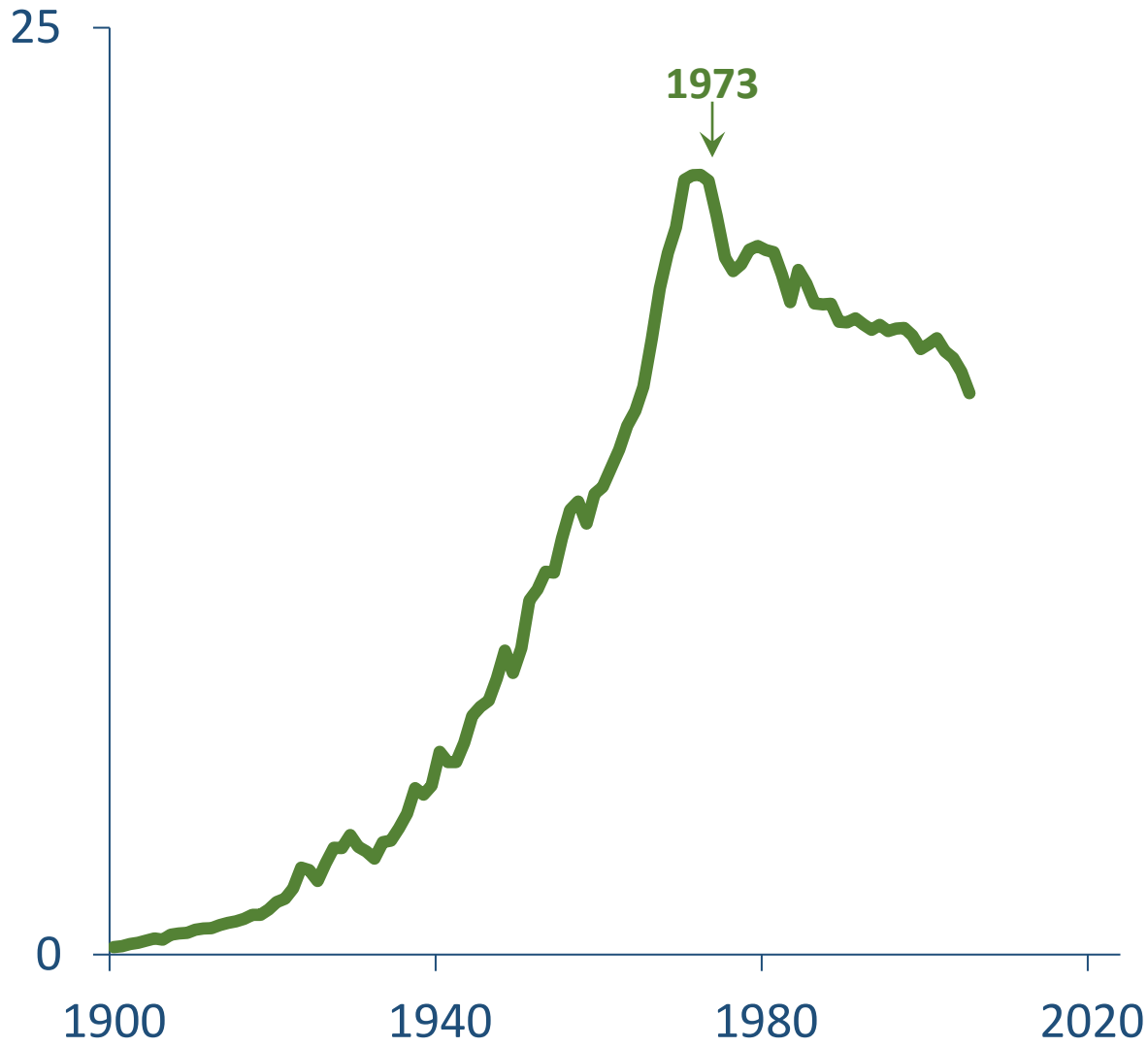
*April 19, 2023*

# In 1973, America Faced an Energy Crisis of Enormous Scale

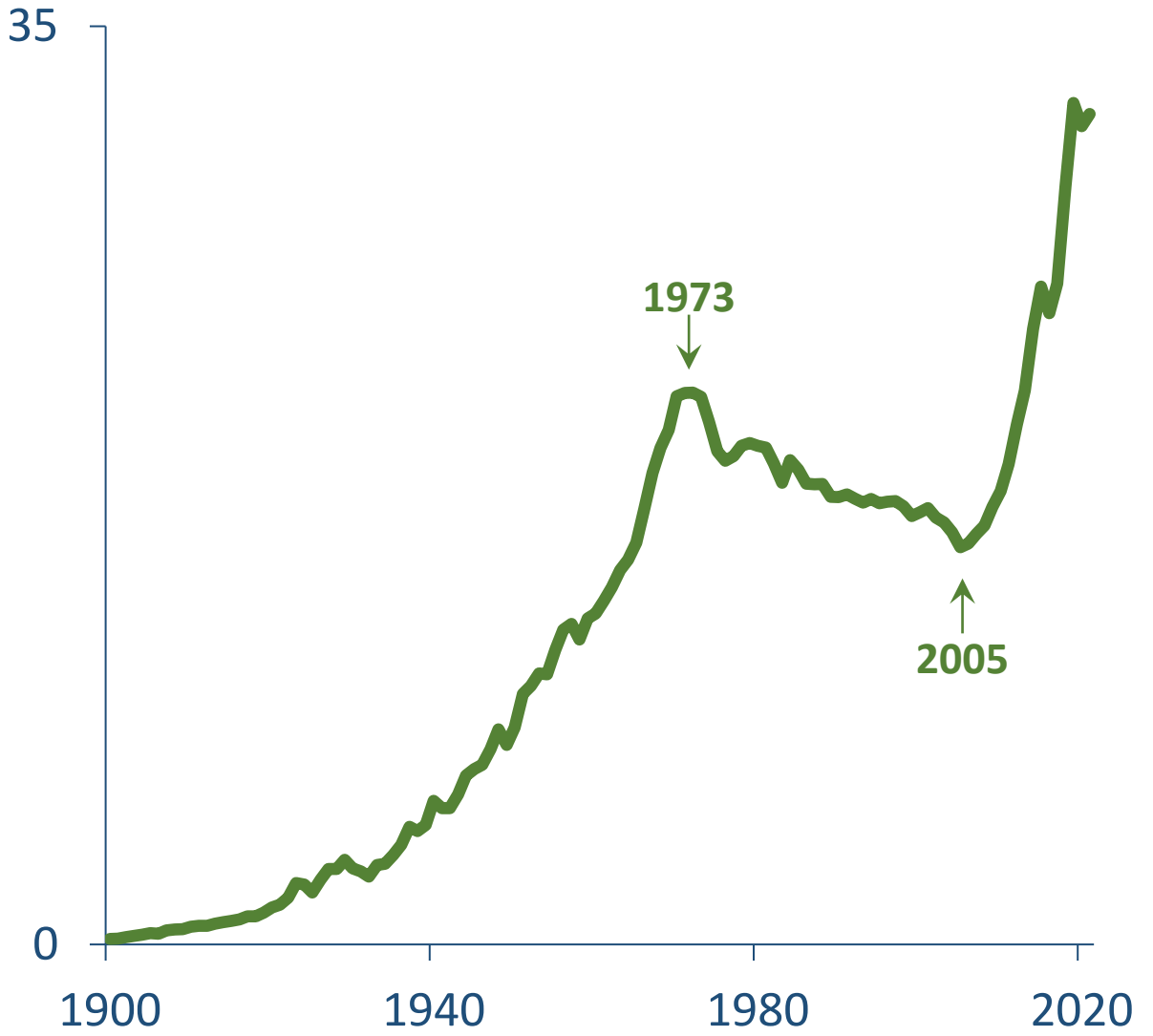
## U.S. Oil & Gas Production (MMBOE)




Source: Post 1965 to 2021 from BP Statistical Review of World Energy 2022 report; Pre-1965 oil production from EIA; Pre-1965 gas volumes estimated from multiple sources. Natural gas production converted to barrels of oil equivalents on an energy equivalency basis (6:1 ratio).

# Innovation by the American O&G Industry Overcame the Crisis

## U.S. Oil & Gas Production (MMBOE)




Source: Post 1965 to 2021 from BP Statistical Review of World Energy 2022 report; Pre-1965 oil production from EIA; Pre-1965 gas volumes estimated from multiple sources. Natural gas production converted to barrels of oil equivalents on an energy equivalency basis (6:1 ratio).

## Converting Innovation to Value

Innovation

↓

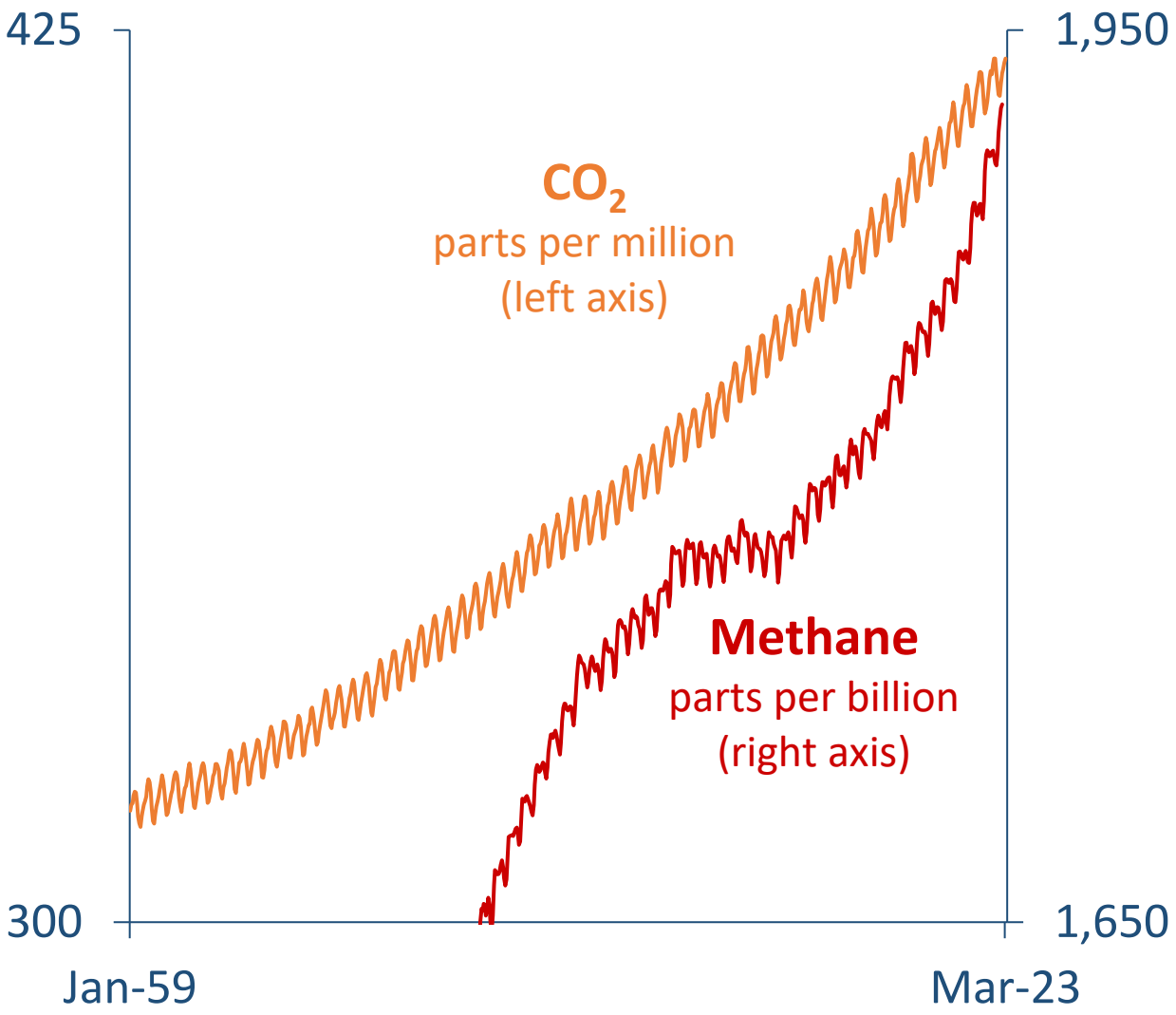
Adoption

↓

Value

# Today, Innovation is Needed to Address Climate Change

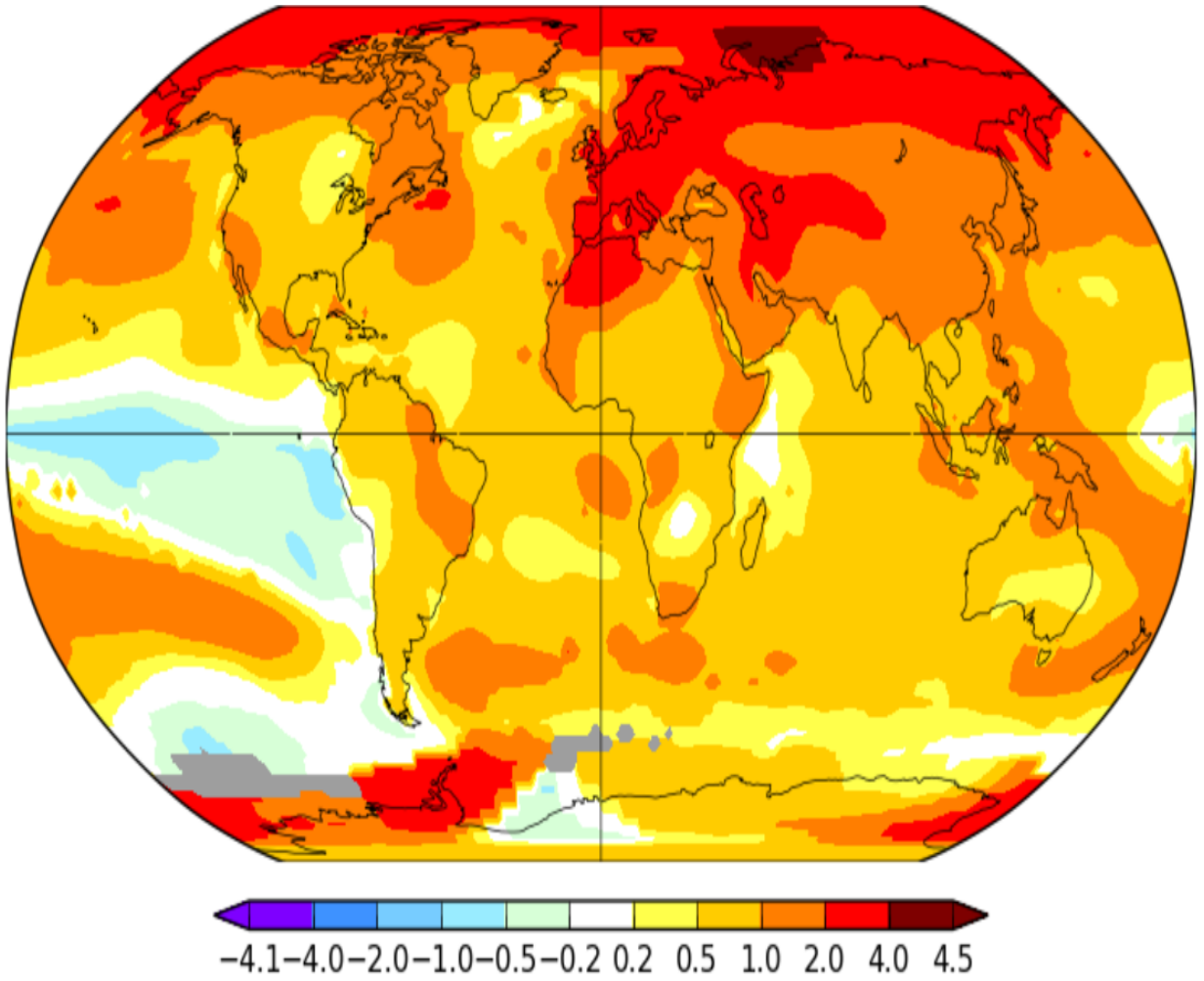
## Atmospheric GHG Levels




Source: NOAA Global Monitoring Laboratory, Earth System Research website; June 2022

## Surface Air Temperature Variations

2022 compared to 1951 – 1980 Mean (C°)




Source: NASA Goddard Institute for Space Studies; GISS Surface Temperature Analysis (v4); June 2022

# Fueling the Future by Converting Innovation to Value

*The Oil & Gas Industry has overcome enormous challenges for over 150 years, which suggests we can do it again, if all do their part in converting innovation to value*