

# Pathway to Net Zero in the Permian by 2030

ExxonMobil plans to achieve net zero greenhouse gas emissions at its operated unconventional assets in the Permian Basin by 2030. It's one of the most ambitious and wide-reaching net zero plans in the Permian, covering both direct emissions from our own operations (Scope 1) as well as indirect emissions associated with the energy used to power our operations (Scope 2). How will we do it? See our potential solutions\* below:



## ELECTRIFY WITH LOW-CARBON POWER

- Electrify existing equipment
- Incorporate electric designs for future development
- Power with low-carbon sources, which could include:
  - Wind
  - Solar
  - Hydrogen
  - Natural gas with carbon capture & storage
  - Other emerging technologies



## UPGRADE EQUIPMENT

- Convert gas to air pneumatics
- Reduce fugitive emissions through vapor recovery
- Redesign facilities to reduce fugitive emissions



## ENHANCE METHANE MONITORING

- Develop and deploy next-generation methane monitoring technologies, including:
- Ground-based sensors
  - Aerial flyovers
  - Satellite network
  - Artificial intelligence

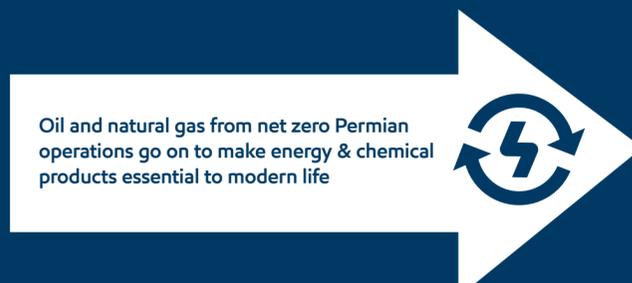


## MINIMIZE FLARING

- Eliminate routine flaring by year-end 2022
- Minimize flaring from non-routine events



ExxonMobil's oil and gas production in the Permian Basin spans southeast New Mexico and West Texas and currently represents more than 40% of the company's net oil and gas production in the U.S.



\*ExxonMobil may manage reported residual GHG emissions through the use of voluntary emissions offsets.