## **Energy & the Economy**

Session II: Developing Domestic Energy Infrastructure at Scale Amid Constraints

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# Provide the energy and products the world needs

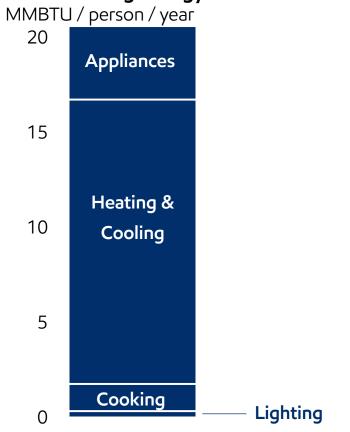


## Reduce greenhouse gas emissions

ExonMobil |

## How do we use energy in modern living?

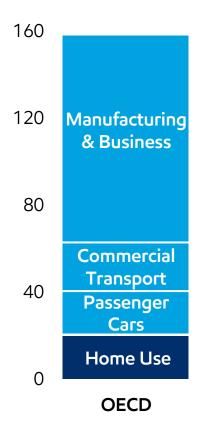
Modern living energy use



ExonMobil 2024 Global Outlook

## How do we use energy in modern living?

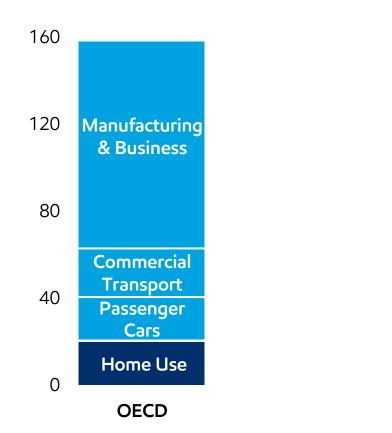
**Modern living energy use** MMBTU / person / year



OECD = Org of Economic Cooperation and Development **ExconMobil** 2024 Global Outlook

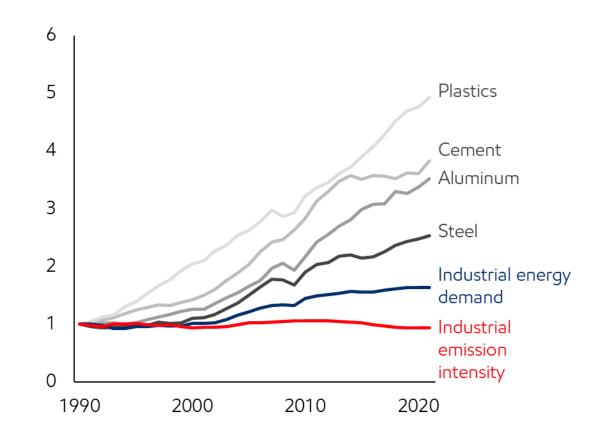
## How do we use energy in modern living?

Modern living energy use MMBTU / person / year



Industrial energy demand supports products we use every day

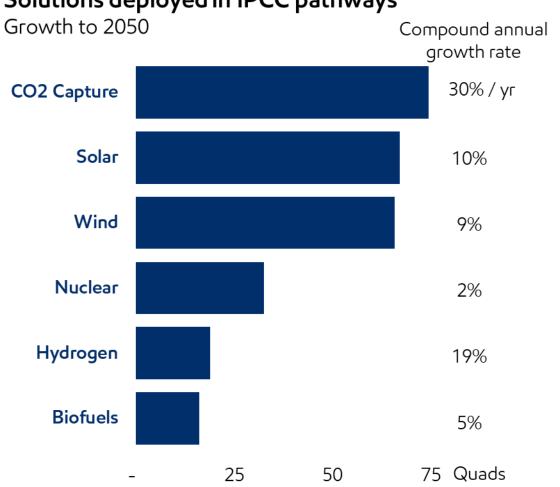
Global industrial production



OECD = Org of Economic Cooperation and Development **ExconMobil** 2024 Global Outlook

### "All of the above" solution set needed for least-cost <2°C pathways

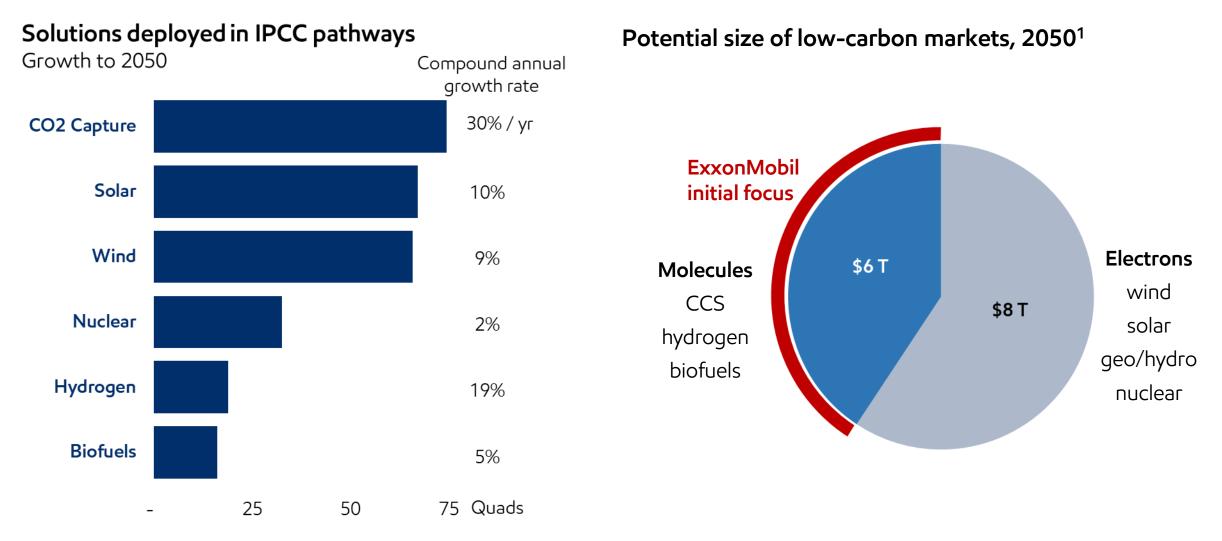
ExxonMobil working critical solutions society needs: CCS, Hydrogen, Biofuels



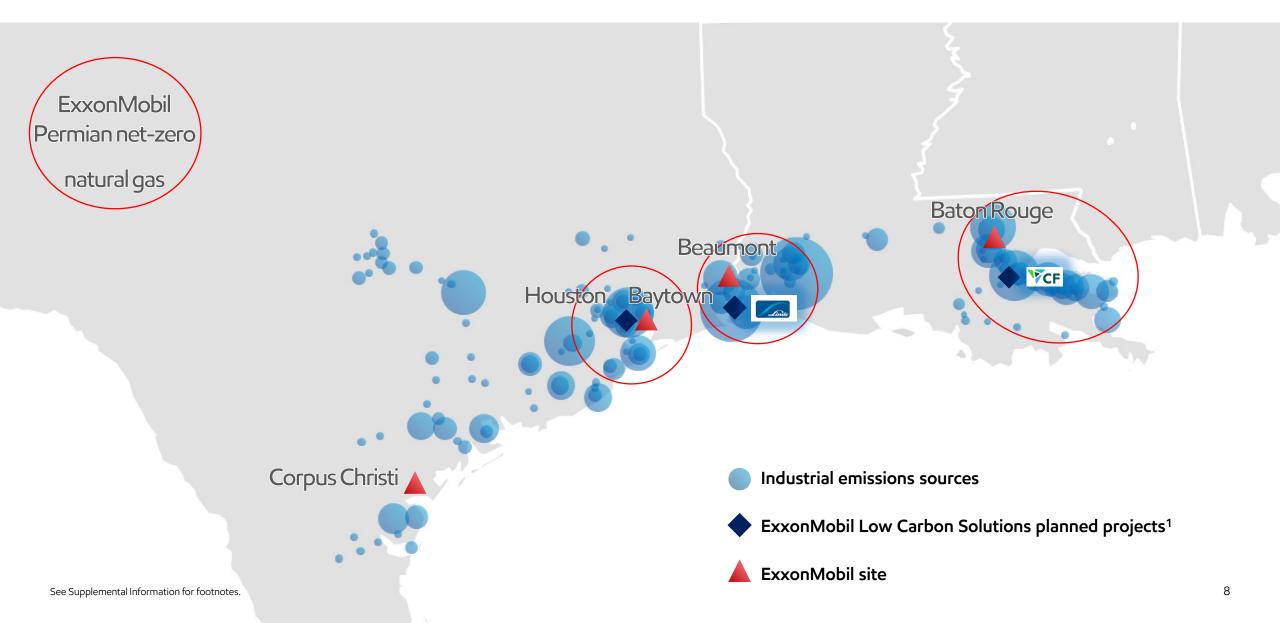
#### Solutions deployed in IPCC pathways

### "All of the above" solution set needed for least-cost <2°C pathways

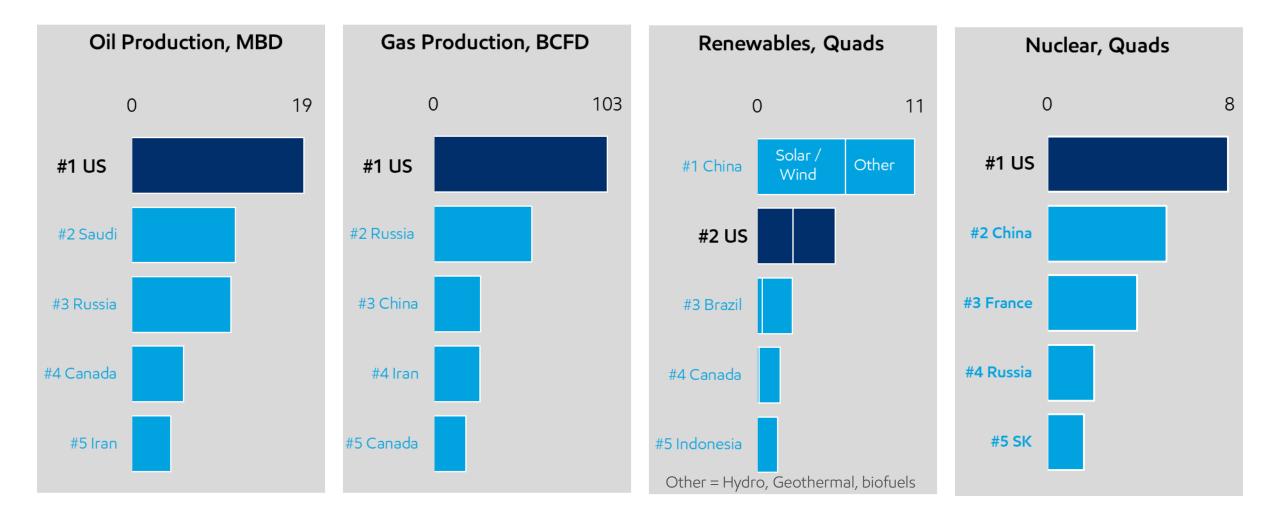
ExxonMobil working critical solutions society needs: CCS, Hydrogen, Biofuels



## Building integrated value chains on the U.S. Gulf Coast



### United States has an abundance of "all of the above"





### Supplemental information

#### Slide #7 / "All of the above" solution set needed for least-cost <2C pathways

 ExxonMobil 2022 Outlook for Energy Outlook for Energy | ExxonMobil 2. Total addressable market based on ExxonMobil analysis of the IPCC's Sixth Assessment Report Scenarios Database hosted by IIASA for carbon capture and storage, wind, solar, hydrogen, nuclear, biofuels, geothermal and hydropower. Secondary energy demand and prices in 2050 in the Lower 2°C scenarios (Category C3) were used, where available, to calculate an estimate of potential market revenue. Carbon capture and storage estimate includes both CCS and Direct Air Capture and used price of carbon for pricing estimate. Biofuels estimate used liquids pricing for pricing estimate. 2020 dollars

#### Slide #8 / Building integrated value chains on the U.S. Gulf Coast

 References in this slide to "ExxonMobil Permian net zero natural gas" means natural gas expected to be produced with net zero Scope 1 and 2 GHG emissions from ExxonMobil operated unconventional facilities in the Permian Basin, and used at ExxonMobil's facilities in the U.S. Gulf Coast. Slide reflects potential opportunities as of March 28, 2023. May not reflect all potential opportunities or final investment decisions made by the company. Individual opportunities may advance based on a number of factors, including availability of supportive policy, technology for cost-effective abatement, and alignment with our partners and other stakeholders. Project viability and returns may vary. The company may refer to these opportunities as projects in this presentation or external disclosures at various stages throughout their progression.