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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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**SCHEDULE 14A**

**Proxy Statement Pursuant to Section 14(a)  
of the Securities Exchange Act of 1934**

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Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to §240.14a-12

**EXXON MOBIL CORPORATION**

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(4) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:


(4) Date Filed:

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ExxonMobil



DEVELOPING OUR



ENERGY FUTURE

**Dr. Prasanna V. Joshi**  
Managing Director – Corporate Strategic Research  
ExxonMobil Research and Engineering Company

EM – COMEXI Discussion



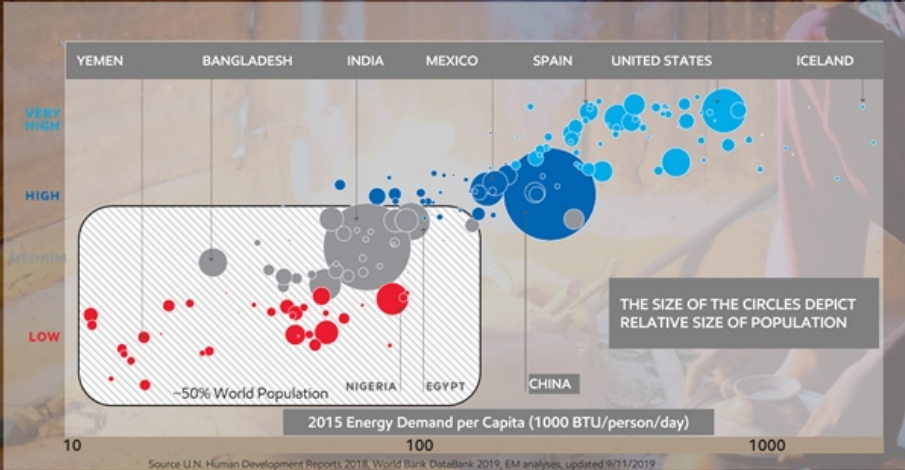
## OUTLINE

- The Dual Challenge and the Path to 2° C
- Lower Carbon Emission Solutions
  - Advanced Biofuels
  - Carbon Capture and Storage (CCS)
- Key Takeaways

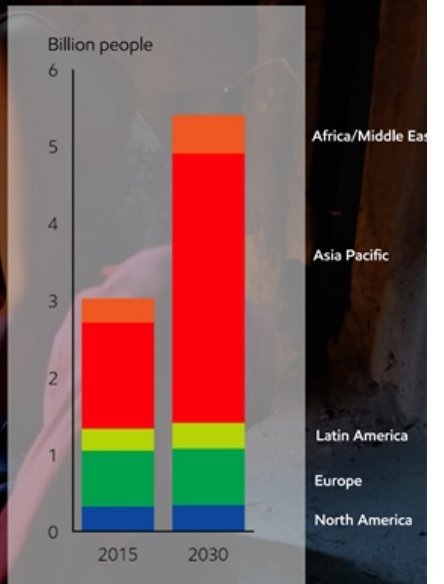


# IMPROVING LIVING STANDARDS DRIVES ENERGY DEMAND

UN 2017 Human Development Index

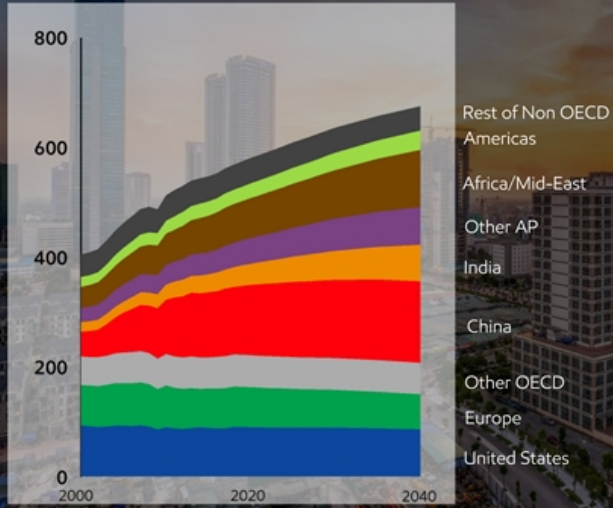


## Global middle class nearly doubles



## ENERGY DEMAND GROWS IN NON-OECD COUNTRIES

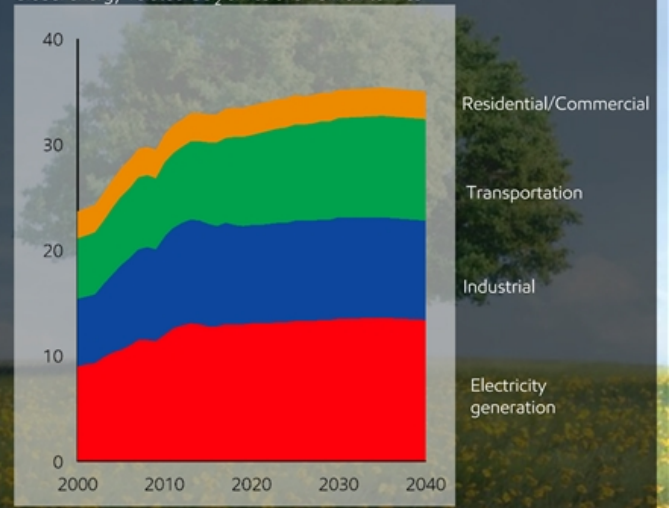
World energy demand by country  
Quadrillion BTUs



ExxonMobil Energy Outlook 2019

## CO2 EMISSIONS SPLIT ACROSS TRANSPORTATION, INDUSTRY, AND POWER

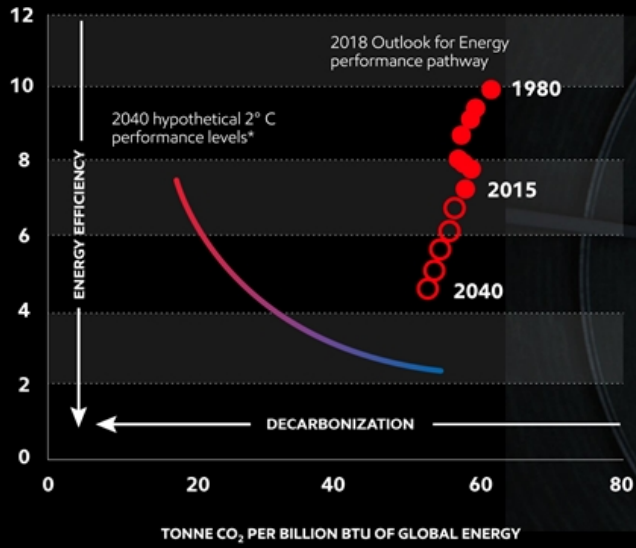
All sectors contributing to restrain CO<sub>2</sub> emissions growth  
Global energy-related CO<sub>2</sub> emissions - billion tonnes



ExxonMobil Energy Outlook 2019

# ENERGY SYSTEMS MUST CHANGE TO MEET PARIS AGREEMENT CLIMATE GOALS

KBTU OF ENERGY USED PER DOLLAR OF GLOBAL GDP



IMPROVED RESOURCE CAPTURE



BIOFUELS



HYDROGEN



PROCESS INTENSIFICATION



CARBON CAPTURE



NOVEL PRODUCTS

\* Based on average Stanford EMF27 full technology / 450ppm scenario's CO<sub>2</sub> emissions (~20 billion tonnes including energy and industrial processes). ExxonMobil GDP assumptions consistent with 2018 Outlook

# PROGRESSING SOLUTIONS



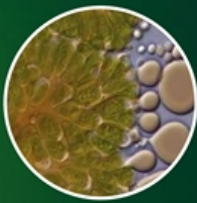
MITIGATING EMISSIONS  
IN COMPANY  
OPERATIONS



PROVIDING PRODUCTS TO  
HELP CUSTOMERS REDUCE  
THEIR EMISSIONS



PROACTIVELY  
ENGAGING ON  
CLIMATE-RELATED  
POLICY



DEVELOPING AND  
DEPLOYING SCALABLE  
TECHNOLOGY SOLUTIONS



# LOWER EMISSION TRANSPORTATION WITH ADVANCED BIOFUELS

## TODAY'S APPROACH

Small scale, competes with food and water

## OUR RESEARCH

Large scale, global solutions, non-competitive with food, water

ALGAE



GENETICS



NATURE TECHNICAL BREAKTHROUGH



SCALE UP



CELLULOSIC



SUGARS



BIOFUEL



## ADVANCED BIOFUELS TECHNOLOGY

We are pursuing biofuels that could be:

- Grown on land and/or water unsuitable for food production
- Most productive with large volumes of biofuels per acre
- Compatible with diesel engines
- Scaled up economically to compete with traditional sources
- Produce lower greenhouse gas emissions



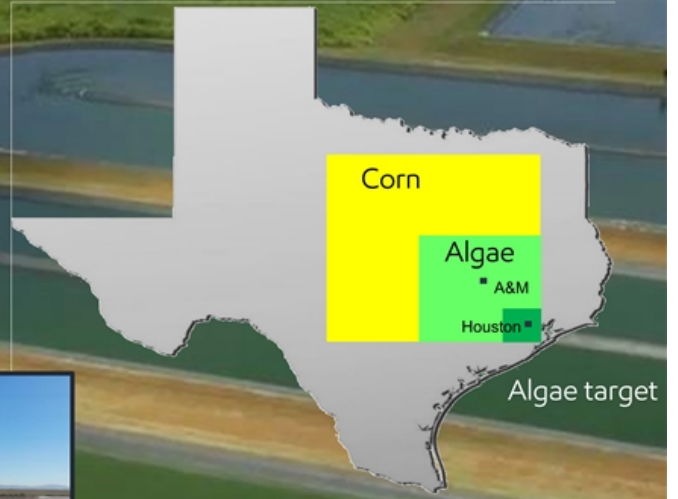
lab



greenhouse



ponds



Area to replace 10% of US transportation fuel

# CARBON CAPTURE UTILIZATION AND STORAGE

## TODAY'S APPROACH

Power consuming, complex

## OUR RESEARCH

Pursuing lower energy intensive or power generating technologies

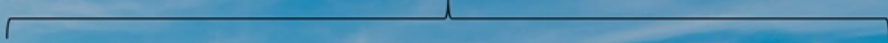


INDUSTRIAL  
POWER

POINT SOURCE



DIRECT AIR  
CAPTURE



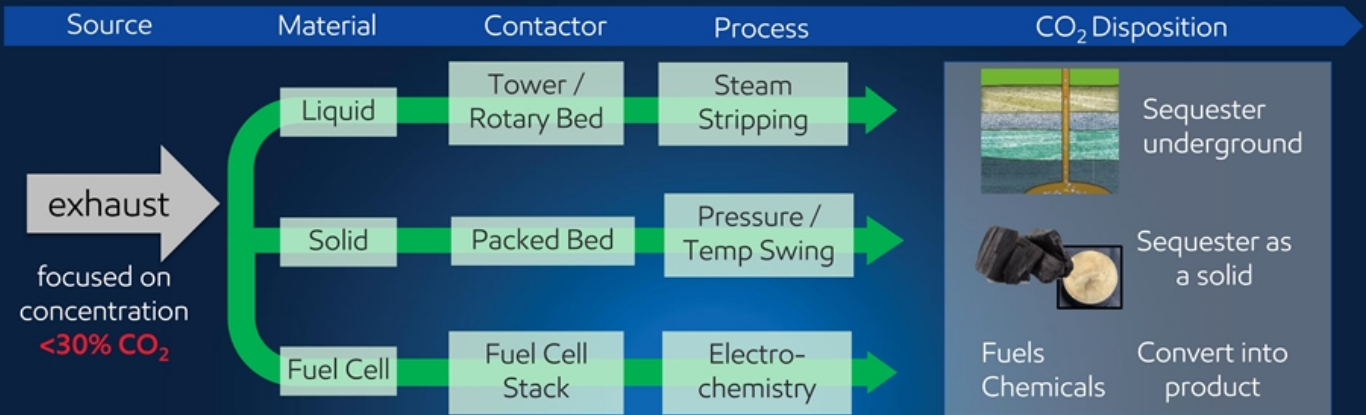
SEQUESTER UNDERGROUND



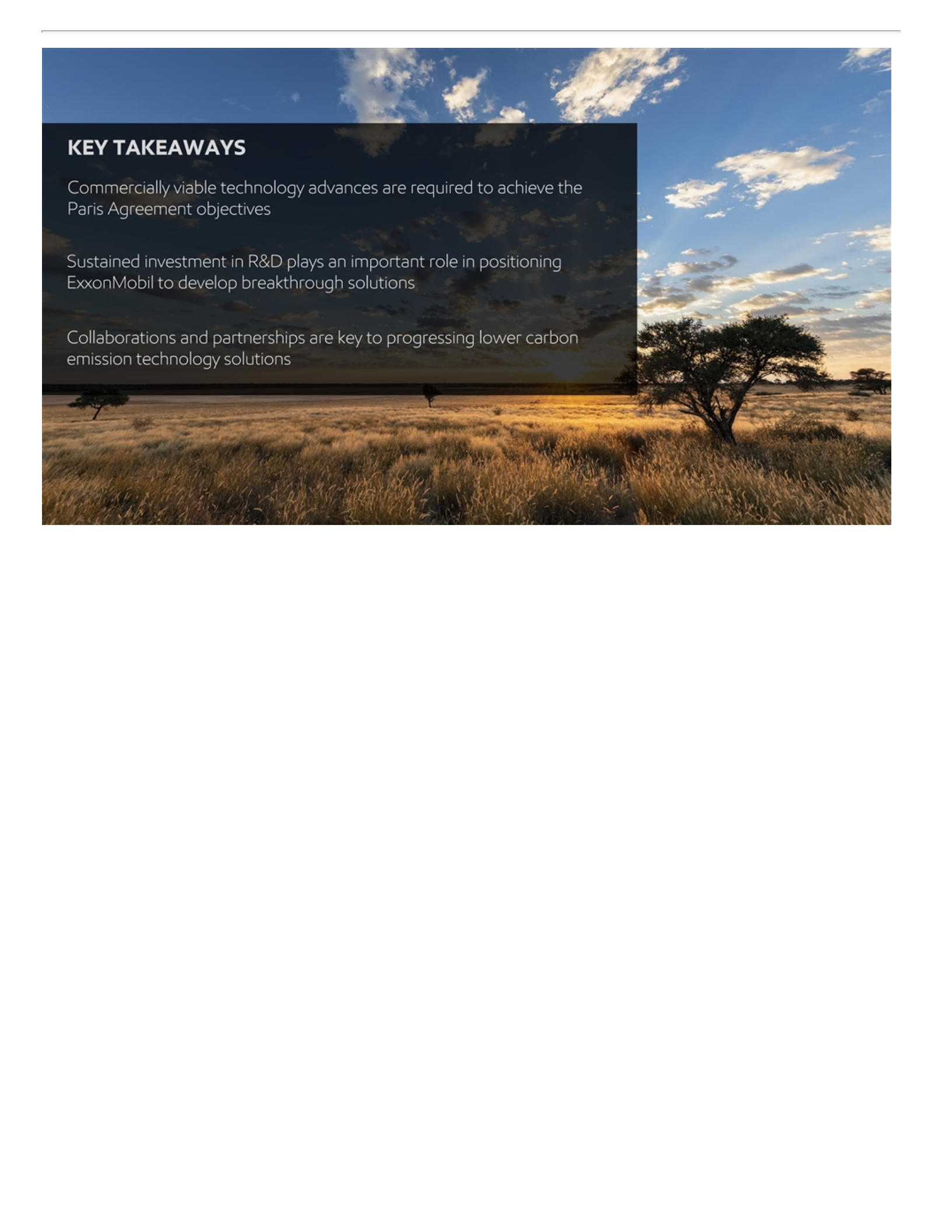
REUSABLE PRODUCTS

# CARBON CAPTURE UTILIZATION AND STORAGE R&D APPROACHES ARE VARIED

*Focus areas are improving efficiency and reducing costs*







## KEY TAKEAWAYS

Commercially viable technology advances are required to achieve the Paris Agreement objectives

Sustained investment in R&D plays an important role in positioning ExxonMobil to develop breakthrough solutions

Collaborations and partnerships are key to progressing lower carbon emission technology solutions

**ExxonMobil**

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**Important Additional Information Regarding Proxy Solicitation**

Exxon Mobil Corporation (“ExxonMobil”) has filed a definitive proxy statement and form of associated BLUE proxy card with the U.S. Securities and Exchange Commission (the “SEC”) in connection with the solicitation of proxies for ExxonMobil’s 2021 Annual Meeting (the “Proxy Statement”). ExxonMobil, its directors and certain of its executive officers will be participants in the solicitation of proxies from shareholders in respect of the 2021 Annual Meeting. Information regarding the names of ExxonMobil’s directors and executive officers and their respective interests in ExxonMobil by security holdings or otherwise is set forth in the Proxy Statement. To the extent holdings of such participants in ExxonMobil’s securities are not reported, or have changed since the amounts described, in the Proxy Statement, such changes have been reflected on Initial Statements of Beneficial Ownership on Form 3 or Statements of Change in Ownership on Form 4 filed with the SEC. Details concerning the nominees of ExxonMobil’s Board of Directors for election at the 2021 Annual Meeting are included in the Proxy Statement. **BEFORE MAKING ANY VOTING DECISION, INVESTORS AND SHAREHOLDERS OF THE COMPANY ARE URGED TO READ ALL RELEVANT DOCUMENTS FILED WITH OR FURNISHED TO THE SEC, INCLUDING THE COMPANY’S DEFINITIVE PROXY STATEMENT AND ANY SUPPLEMENTS THERETO AND ACCOMPANYING BLUE PROXY CARD, BECAUSE THEY CONTAIN IMPORTANT INFORMATION.** Investors and shareholders can obtain a copy of the Proxy Statement and other relevant documents filed by ExxonMobil free of charge from the SEC’s website, [www.sec.gov](http://www.sec.gov). ExxonMobil’s shareholders can also obtain, without charge, a copy of the Proxy Statement and other relevant filed documents by directing a request by mail to ExxonMobil Shareholder Services at 5959 Las Colinas Boulevard, Irving, Texas, 75039-2298 or at [shareholderrelations@exxonmobil.com](mailto:shareholderrelations@exxonmobil.com) or from the investor relations section of ExxonMobil’s website, [www.exxonmobil.com/investor](http://www.exxonmobil.com/investor).