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

SCHEDULE 14A

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

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:

ENERGY FACTOR CONTENT

Title: Smart technologies for a smart refinery

Hero Image

From voice recognition to machine learning, ExxonMobil's chemical and refining plants are installing a number of "smart technology upgrades" targeted at reducing emissions and increasing energy efficiency. In particular, these technologies take aim at increasing energy efficiencies in manufacturing and have the potential to help ExxonMobil meet its 2025 emission reduction plans, a key step in aligning with the goals of the Paris Agreement.

Engineers and technology experts at ExxonMobil are applying the latest in assistance software, including artificial intelligence, to improve manufacturing efficiencies at the company's chemical and refining plants. Similar to a driver turning on their GPS to navigate traffic or a homeowner using a smart thermostat to keep their home at the perfect temperature, plant operators at ExxonMobil's Baton Rouge and Baytown refineries are piloting new, intelligent tools able to recommend more ideal operating conditions or isolate a an improvement needed in their complex decision making. These advancements could decrease energy use and reduce greenhouse gas emissions.

Here are three advancements being developed or piloted around the world to revolutionize energy and chemicals production.

1. What's that in the sky? Cognitive "Computer Vision" can tell us.

Imagine a computer program able to detect and reduce visible emissions, like particulate matter. Engineers have turned this bold idea into a reality with Cognitive "Computer Vision," a program that provides chemical plant operators with the big data-powered ability to "see" and reduce visible emissions from flares by improving operating conditions. The technology will play a part in helping ExxonMobil reduce visible emissions from flares, as well as potential greenhouse gas emissions.

Frame 4: Text and text elements fades out along with the flares.

Frame 5: Ripples stops and fade out.

Frame 6: Frame reverts back to its original form.

Frame 1: Gradient lines begin to ripple on the screen. Line trim path animates in as text square expands. Text animates in with digital effect.

Frame 2: The lines continue to ripple, line weight decreases as it moves away from center.

Frame 3: Continuation of the line ripple. Red flare animates in. Line trim path animates in as text square expands. Text animates in with digital effect.

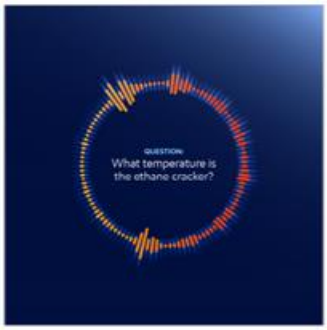
Frame 3 alt

2. Meet *Sofia*, ExxonMobil's Intelligent Operations Assistant.

Each day, smart assistant *Sofia*, Greek for "wisdom", scours and analyzes vast quantities of data, things like crude oil production rate and plant unit pressure, to help refineries operate efficiently by producing more with less energy and hence reducing emissions in the process.

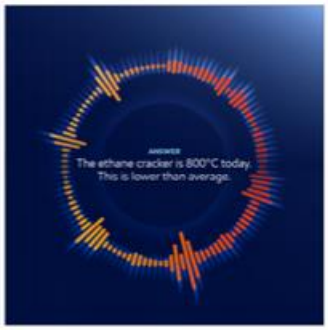
Powered by artificial intelligence (AI) and voice recognition software, Sofia supports operators in the control room by helping them optimize daily production of high value fuels and chemicals. As such, by asking Sofia some pointed questions, operators can locate a piece of equipment not functioning at its best, such as a distillation unit not operating at its optimal temperature. It can also detect opportunities to speed up production. And most importantly, Sofia is self-learning, meaning that the more it assists operators, the better and more sophisticated it becomes at answering their questions.

Frame 1:
Opens on sound ring that animates.



Frame 2:
Copy animates in, the sound waves move with the text.

Supers:
Question: What temperature is the ethane cracker?

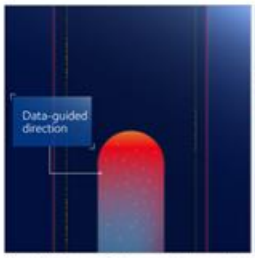


Frame 3:
The answer animates in, the ring widens and splits into two with one that recess into the back.

Supers:
The ethane cracker is 800°C today. This is lower than average.

3. Follow the "SmartLane" Artificial Intelligence guide.

Manufacturing essential feedstock for products like face masks, surgical gowns and hand sanitizer require quick adjustments to maintain the optimal temperature and the speed of chemical reactions in real time. That's why ExxonMobil engineers developed "SmartLane." Much like a GPS guides drivers to the most direct route, while avoiding traffic slowdowns, so too does SmartLane – except instead of calculating routes, it shows operators the optimal levels of a chemical ingredient needed to manufacture a specific product. The result is an energy efficient plant where consistently optimal operations can save energy and time, which ultimately have the potential to reduce ExxonMobil's GHG emissions footprint as compared to current operations.



Frame 1: Close up of data moving, being guided through a passage. Line trim path animates in as text square expands. Text animates in with digital effect.

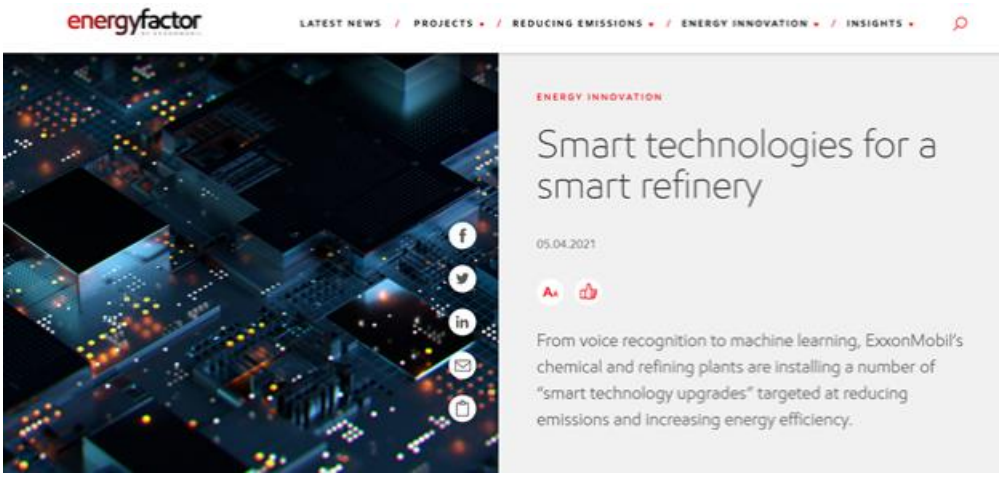
Frame 2: The frame is slowly zooming out. The data crosses a fork in the passage and moves to the right.

Frame 3: The frame continues to slowly zoom out revealing more of the passage. The data continues to travel and make direction decisions. Line trim path animates in as text square expands. Text animates in with digital effect.

Frame 4: Text and text elements fades out and more of the passage is revealed.

Cutting down global emissions will take a portfolio of innovations, including scaled up carbon capture and storage, lower emission biofuels and energy-efficient technologies. Smart devices like Computer Vision, Sofia and Smart Lane are part of this complex effort and are providing operators with the critical tools they need to do much more with much less. In doing so, these tools are becoming one more part of the solution energy-efficient manufacturing.

Staging link: https://energyfactor.exxonmobil.com/?p=23993&preview=1&_ppp=119ff2dbec



EF NEWSLETTER

EF Newsletter Copy
(220-250 characters)

Engineers are developing advanced smart devices that use artificial intelligence (AI), machine learning and more to revolutionize operations across ExxonMobil. Here are three big data tools to support operators, improve efficiency and reduce emissions compared to existing manufacturing practices.

Proxy Disclaimer:

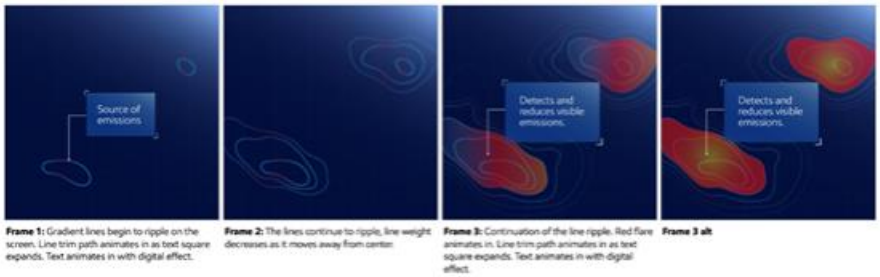
Important Additional Information Regarding Proxy Solicitation

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. 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 or from the investor relations section of ExxonMobil's website, www.exxonmobil.com/investor.

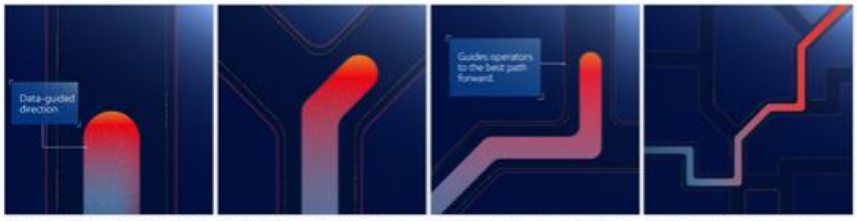
SOCIAL MEDIA CONTENT

Post Copy A: Refineries and chemical plants are getting "smart" technology upgrades to help operators work more efficiently — saving energy and reducing emissions compared to current operations. See how the cognitive "Computer Vision" program helps our operators better identify emissions. [link to EF] [GIF #1]



Post Copy A: Across our operations, we're making "smart" upgrades to equipment and developing new tools that help reduce energy use and emissions footprint. Learn how big data can help improve manufacturing efficiencies. [Link to EF]

Post Copy B: Across our operations, we're making "smart" upgrades to equipment and developing new tools that improve operator safety and manufacturing efficiencies. The "Smart Lane" artificial intelligence program works similar to a GPS, optimizing procedures for operators and reducing energy use in the process. [Link to EF] [GIF #3]



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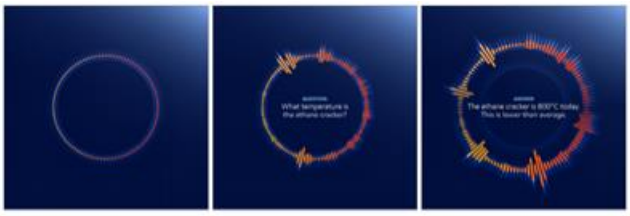
Post Copy A: Meet Sofia, an intelligent operating assistant that scours and analyzes vast quantities of data, like crude oil output and atmospheric pressure, to help operators work more efficiently and reduce emissions. [Link to EF]

Post Copy B: Meet Sofia, an intelligent operating assistant that scours and analyzes vast quantities of data, like crude oil output and atmospheric pressure, to help operators work more efficiently and reduce emissions. Learn more. [link to EF]



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Supers:
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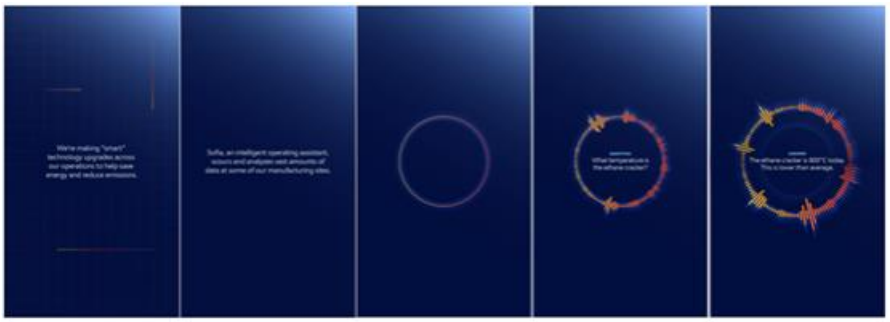
Frame 3:
The answer animates in, the ring widens and splits into two with one that recess into the back.

Supers:
The ethane cracker is 800°C today. This is lower than average.

IG Story (See script below)

Social IG Video

View IG story here



Frame 1:
We're making "smart" technology upgrades across our operations to help save energy and reduce emissions.

Frame 2:
Sofia, an intelligent operating assistant, scours and analyzes vast amounts of data at some of our manufacturing sites.

Frame 3: Image, name and title for Joe Blommaert fade in.

Frame 4:
Question: What temperature is the ethane cracker?

Frame 5:
Answer: The ethane cracker is 800C today. This is lower than average.

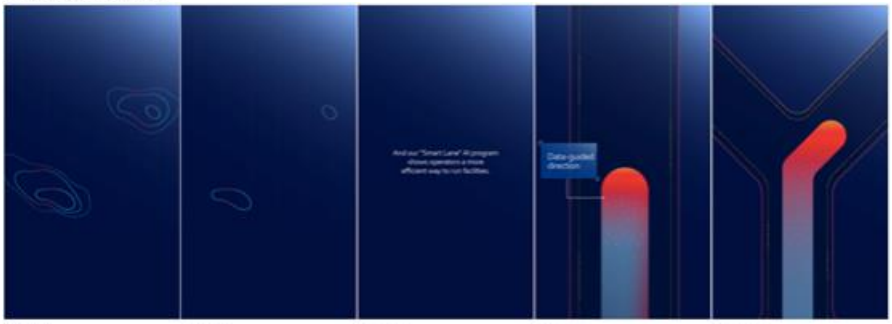
Frame 6:
Our "Computer Vision" program will help manufacturing facilities better identify and reduce visible emissions.

Frame 7:
Source of emissions

Frame 8:

Frame 9:
Detect and reduces visible emissions.

Frame 10:



Frame 11:

Frame 12:

Frame 13:
And our "Smart Lane" AI program shows operators a more efficient way to run facilities.

Frame 14:
Data-guided direction

Frame 15:

Frame 11: Guides operators to the best path forward. **Frame 12:** **Frame 13:** Swipe to learn more **Logo** **Legal**

IG Video Copy/Supers

Frame 1: We're making "smart" technology upgrades across our operations to help save energy and reduce emissions.

Frame 2-4: Sofia, an intelligent operating assistant, scours and analyzes vast amounts of data at some of our manufacturing sites.

Frame 5-7: Our "Computer Vision" program will help manufacturing facilities better identify and reduce visible emissions

Frame 8-10: And our "Smart Lane" AI program shows operators a more efficient way to run facilities.

End Frame: Swipe to learn more + logo + legal language

NATIVE CONTENT

Newsletter Lead Gen [1200x628 or 1200x1200] — Ad Copy (must mention newsletter)

Headline/CTA 1 (40 Characters max): Learn more in our newsletter

Description 1 (90 Char. max): See how we're introducing "smart" technologies throughout our operations

Headline/CTA 2 (40 Characters max): Read our newsletter

Description 2 (90 Char. max): See how we're improving efficiency and reducing greenhouse gas emissions at our operations

Newsletter Lead Gen [1200x628 or 1200x1200] — Lead form copy (must mention newsletter)

Headline/CTA (30 characters max): Our smart technology upgrades

Description (200 char max): Read our newsletter to see how we're improving efficiency at our operations

Native headlines (35-45 characters)

1. Smart technology for manufacturing efficiency
2. Smart assistants for smart manufacturing
3. Smart technology that reduces emissions
4. Reducing emissions with artificial intelligence
5. 3 smart technologies for energy efficiency

MSAN	**Short Headline (Max 25 Characters):** Creating smart tools
	Long Headline (Max 90 Characters): Using AI and machine learning to reduce emissions at refineries
	Ad Text (90 Characters): Find out how new smart technologies are supporting operators and reducing emissions
Discovery Ads	**Headlines** [40 characters each]:
	1. Creating smart tools for operators
	2. Developing smart devices for refineries
	3. Smart technologies that reduce emissions
	4. 3 new smart tools to reduce emissions
	5. Bringing AI to manufacturing
	Description [90 characters each]:
	1. From voice recognition to machine learning, refineries are getting a smart upgrade.
	2. Artificial intelligence, machine learning and more tools to help reduce emissions.
	3. Reducing manufacturing emissions with the help of advanced technologies.
	4. Smart tools are guiding operators and reducing emissions in the process.
	5. Operators are able to reduce emissions and work efficiently with these innovations.
	CTA: Learn more here.

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END OF DOCUMENT