We designed our Sustainability Index (Index) to enable efficient access to our policies, practices, and metrics around Environmental, Social, and Governance (ESG) topics.

This Index covers the operations and activities of Celanese Corporation for the calendar year 2021 (January 1 to December 31) and key sustainability activities in the first half of 2022. It aligns to the Sustainability Accounting Standards Board (SASB) Chemicals Sustainability Accounting Standard, the Task Force on Climate-Related Financial Disclosure (TCFD), and the United Nations Sustainable Development Goals (UN SDGs). The numbers and percentages contained in this Index are for the full year or as of year-end 2021, unless otherwise stated. In some cases, they reflect estimates or approximations and may rely on assumptions. This Index also contains statements regarding targets, plans, strategies, and objectives that are "forward-looking" and aspirational in nature. See Certain Information and Use of Estimates, Internal Audit Validation and Third-Party Assurance, Forward-Looking Statements and Other Important Information, and Descriptions of Products.

Our businesses use a full breadth of global chemistry, technology, and commercial expertise to create value for our customers, employees, shareholders, and the corporation. From the global production network of our Acetyl Chain, we provide materials that are critical to the global chemicals and paints and coatings industries. From our broad portfolio of Materials Solutions, we advance automotive and consumer electronic designs and enable life-improving medical, food, and beverage products; we offer solutions to our customers to help them succeed. Celanese Corporation is a public Company whose common stock is traded on the New York Stock Exchange under the symbol CE. Celanese Corporation conducts the majority of its operations through its subsidiaries. In this report, the terms “Celanese,” “the Company,” “we,” “our,” and “us” refer collectively to Celanese and its subsidiaries on a consolidated basis. This report excludes the operations of Celanese joint ventures.
Dallas, TX, U.S.

Headquarters

8,529

Total Employees

40+

Manufacturing Facilities in 19 Countries Within the Americas, Europe, and Asia

$8.5B+

In Revenue (50.96% Increase From 2020)

[1] Company information is as of December 31, 2021

Industries

Aerospace, Agriculture, Automotive & Transportation, Consumer Goods, Electrical & Electronics, Energy, Food & Beverage, Home Care Industrial & Institutional, Industrial Manufacturing, Medical & Pharmaceutical, Oil, Gas & Mining, Personal Care & Cosmetics, and Telecom

Services

Acetyl Chain, Cellulose Acetate, Engineered Materials

Applications


POLICIES AND STATEMENTS

- Anti-Corruption Policy
- Anti-Discrimination Statement
- Celanese Business Conduct Policy
- Celanese Political Contributions
- Climate Policy
- Competition Law Policy
- Conflict Minerals Policy
- Dissolving Wood Pulp – Sustained Sourcing Policy
- EHS Policy and Guiding Principles
- Equal Opportunities Policy
- Human Rights and Equality Policy
- International Trade Compliance Policy
- Modern Slavery Statement
- Political Engagement Policy
- Product Stewardship Disclosure
- Quality Guiding Principles
- Self-Declaration for Customers
- Third-Party Code of Conduct
- Water Management Policy

OTHER SUSTAINABILITY REPORTING

- 2022 CDP Climate Response
- 2022 CDP Water Security Response
- 2022 CDP Forest Response
- 2022 Corporate Equality Index Score

ADDITIONAL RESOURCES

- Celanese Foundation
- Celanese Leadership/Board of Directors
- Celanese Sustainability Team
- Celanese Website
- Financial Information/Investor Relations
- Human Capital Report – Diversity, Equity, and Inclusion
- Information Management
- REACH Compliance Team
- Safety Data Sheets
- Supplier Diversity Program
OUR APPROACH

In 2019, our ESG Council undertook extensive research and consultation. This involved mapping standards and metrics from SASB, Global Reporting Initiative (GRI), the American Chemistry Council (ACC), and the European Chemical Industry Council (Cefic), alongside analysis of sustainability intelligence reports from key rating agencies, peer benchmarking, and customer and investor feedback. In 2020, we introduced a new strategic Sustainability Framework, Elements of Opportunity, to help us accelerate safe and sustainable solutions through chemistry. Under each pillar of Elements of Opportunity, we identified priority topics through stakeholder engagement and alignment to chemical industry best practices.

Annually we use a formal and informal approach to continue to review and refine the priority issues important to us. We gather both internal and external feedback from customers and employees through sustainability-related questions submitted into our ESG mailbox, investor feedback received during spring and fall outreach, through leadership in ACC’s Sustainability Board Committee where our CEO is an active Member, and through participation in Cefic initiatives to broaden our global perspective.

In 2021 we added a dedicated ESG workshop as part of our formal companywide enterprise risk management process. Our cross-functional ESG Council members participated in the workshop led by our Internal Audit team and designed to provide a forum for an in-depth discussion of ESG risks and their interdependencies. The initial starting point for the review was our current list of Priority Topics for the purpose of adding to, removing, or confirming our current year’s priority topics. During the workshop, the Council decided to add Cybersecurity as a priority topic and subsequently to refine sub-categories of some topics such as Circularity and Human Capital. We have decided to annually include a specific ESG risk workshop in the company’s enterprise risk management program.

PRIORITY TOPICS

Advancing Safe and Sustainable Customer Solutions

- Circular Economy
  - Innovating for Health and Well-being
  - Improving Sustainable Living
- Chemical Safety
- Supplier Risk Management

Preserving the Environment

- Climate and Air Emissions
- Energy
- Water
- Waste

Investing in Our People and Communities

- Human Capital
  - Diversity, Equity & Inclusion
  - Human Rights
- Workforce Health and Safety
- Process Safety and Emergency Preparedness
- Community Relations

Operating With Integrity

- Corporate Governance
  - Political Engagement
  - Compliance Policies and Employee Training
- Cybersecurity
Sustainability Highlights

ADVANCING SAFE AND SUSTAINABLE CUSTOMER SOLUTIONS

- Acquired the Santoprene® thermoplastic vulcanizate (TPV) business, which offers an alternative with sustainability benefits to conventional synthetic rubber (EPDM) solutions for seals and gaskets.
- Announced the pending acquisition of the majority of DuPont’s Mobility & Materials (MMM) business, supporting growth in future mobility, connectivity, and medical applications.
- Launched new, more sustainable product offerings that leverage the mass balance concept to produce products from bio and waste-based sources.
- Established our specified recycle concept (grades tagged with ECO-R nomenclature) to help customers incorporate recycled content into their products.
- Opened a new GUR® ultra-high molecular weight polyethylene production line at our Bishop, Texas, manufacturing facility supporting the increased demand for electric vehicles (EVs) and the growing lithium-ion battery separator supply needs of customers.
- Received a grant from the Bill & Melinda Gates Foundation to produce a refillable contraceptive implant prototype that could potentially expand global access to women’s health solutions.

PRESERVING THE ENVIRONMENT

- Extended our 2030 environmental goals to include a 30% reduction in Scope 1 and Scope 2 total greenhouse gas (GHG) emissions intensity from our 2021 baseline.
- Engaged Environmental Resource Management Certification and Verification (ERM CVS) to provide limited assurance of our environmental target baselines and 2022 CDP Climate and Water responses.
- Renewed our partnership with the U.S. Department of Energy (DOE) Better Plants Program, setting an objective to a further 10% energy intensity reduction goal for U.S. sites, aligned with our 2030 enterprise-wide goal.
- Developed a low-carbon transition plan that focuses on enhancing energy efficiency, increasing renewable electricity consumption, and exploring low-carbon technologies.
- Continued progress on several capital investment projects at our Clear Lake, Texas, facility which will increase our renewable energy use and capture carbon.
- Began receiving power through our solar power energy contract to procure approximately 33% of the annual electricity consumption at our Clear Lake, Texas, facility.
- Installed energy efficient machinery at our Lanaken, Belgium, facility that is expected to reduce GHG emissions at the site by 300 metric tons (MT) of carbon dioxide (CO2) annually.
- Implemented world-class technologies to recover heat from hazardous waste incineration at our Integrated Chemical Complex in Nanjing, China, designed to recover 81,762 million British Thermal Units per year (MMBtu/year) of heat and save approximately $1 million in fuel.

INVESTING IN OUR PEOPLE AND COMMUNITIES

- Hosted the inaugural Women in Manufacturing (WIM) Virtual Conference, which aims to elevate Celanese female manufacturing colleagues.
- Introduced WorkABILITY, a hybrid work approach for our employees across the globe.
- Supported more than 925 charities and donated approximately $1.6 million to organizations globally through the Celanese Foundation.
- Created community profiles that identify key categories and potential action items for each of our 11 U.S. sites.
- Volunteered over 120,000 hours for community benefit and reached a milestone of one million hours volunteered by our employees since the beginning of 2015.

OPERATING WITH INTEGRITY

- Established full Board oversight of our Climate Policy and Strategy and Committee oversight of our ESG metric reporting and DEI.
- Added ESG-focused Enterprise Risk Management workshop to our corporate risk management process and reviewed and refined our priority topics.
- Added Cybersecurity as an ESG priority topic and launched a new comprehensive cybersecurity awareness course as part of our learning management program.
- Launched the next chapter in our cybersecurity awareness program with a new comprehensive cybersecurity awareness course in our learning management system.
- Refreshed our CyberSAFE intranet by adding updated content each month in multiple languages.

- Established our specified recycle concept (grades tagged with ECO-R nomenclature) to help customers incorporate recycled content into their products.
- Opened a new GUR® ultra-high molecular weight polyethylene production line at our Bishop, Texas, manufacturing facility supporting the increased demand for electric vehicles (EVs) and the growing lithium-ion battery separator supply needs of customers.
- Received a grant from the Bill & Melinda Gates Foundation to produce a refillable contraceptive implant prototype that could potentially expand global access to women’s health solutions.

OVERVIEW SASB TCFD UN SDGs CUSTOMER SOLUTIONS ENVIRONMENT PEOPLE AND COMMUNITIES INTEGRITY ADDITIONAL REPORTING

Celanese 2021–2022 Sustainability Index 04
Awards and Recognition

ENERGY STAR® 2022 PARTNER OF THE YEAR AND SUSTAINED EXCELLENCE AWARD
Celanese received the U.S. Environmental Protection Agency (EPA) ENERGY STAR Award 2022 Partner of the Year designation for the seventh consecutive year. In addition, we received the Sustained Excellence designation, the highest honor of the ENERGY STAR Awards, for the fifth consecutive year.

ACHIEVER OF ENERGY STAR CHALLENGE FOR INDUSTRY
In 2021, the U.S. EPA recognized our Narrows, Virginia, site for its efforts to lower GHG emissions by reducing the site’s energy intensity by 10.1% since 2016.

2021 INNOVATION AWARDS – SUSTAINABILITY BY DESIGN
When scoping and designing a new capital project, our project engineers now include energy-efficiency criteria in their lifecycle cost evaluations. The U.S. DOE recognized this innovative step with a Better Plants Award and the ACC recognized it with an Energy Efficiency Award.

AMERICAN CHEMISTRY COUNCIL AWARD WINNER
The ACC recognized Celanese as a leader in the chemical industry for exceptional environmental, health, safety, and security (EHS&S) performance and commitment to sustainability at the 2022 Annual Responsible Care & Sustainability Conference.

HUMAN RIGHTS CAMPAIGN’S (HRC) CORPORATE EQUALITY INDEX
In 2021 and 2022, Celanese achieved a perfect score of 100 on the HRC’s Foundation Corporate Equality Index and earned the designation of “Best Place to Work for LGBTQ+ Equality” for the third year in a row.

TOP NOTEWORTHY COMPANY ON DIVERSITY INC’S TOP 50 LIST
For the second consecutive year, DiversityInc named Celanese a Top 50 Noteworthy Company, demonstrating our commitment to making progress in the areas of DE&I.

HONORED BY THE WOMEN’S FORUM OF NEW YORK
The Women’s Forum of New York recognized Celanese at its sixth biennial Breakfast of Corporate Champions Event for achieving 55% female representation on its Board.
## Sustainability Accounting Standards Board (SASB) Index

<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Greenhouse Gas Emissions</strong></td>
<td>Gross Scope 1 (metric tons (MT) CO₂e)</td>
<td>RT-CH-110a.1</td>
<td>2,275,903</td>
<td>2,375,026</td>
</tr>
<tr>
<td></td>
<td>Percentage Covered Under Emissions-Limiting Regulations (metric tons (MT) CO₂e), Percentage (%)</td>
<td>RT-CH-110a.1</td>
<td>105,406 (4.6%)</td>
<td>111,115 (4.7%)</td>
</tr>
<tr>
<td><strong>Air Quality</strong></td>
<td>Air Emissions of the Following Pollutants: (1) NOₓ (excluding N₂O) (metric tons (MT))</td>
<td>RT-CH-120a.1</td>
<td>1,034.33</td>
<td>877.18</td>
</tr>
<tr>
<td></td>
<td>(2) SOₓ (metric tons (MT))</td>
<td>RT-CH-120a.1</td>
<td>59.33</td>
<td>58.37</td>
</tr>
<tr>
<td></td>
<td>(3) Volatile Organic Compounds (VOCs) (metric tons (MT))</td>
<td>RT-CH-120a.1</td>
<td>2,578.04</td>
<td>2,899.8</td>
</tr>
<tr>
<td></td>
<td>(4) Hazardous Air Pollutants (HAPs) (metric tons (MT))</td>
<td>RT-CH-120a.1</td>
<td>312.56</td>
<td>245.88</td>
</tr>
<tr>
<td><strong>Energy Management</strong></td>
<td>(1) Total Energy Consumed (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>49,043,884</td>
<td>51,661,145</td>
</tr>
<tr>
<td></td>
<td>(2) Percentage Grid Electricity (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>4,208,484 (8.58%)</td>
<td>4,809,175 (9.36%)</td>
</tr>
<tr>
<td></td>
<td>(3) Percentage Renewable Energy (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>10,284 (0.02%)</td>
<td>23,780 (0.046%)</td>
</tr>
<tr>
<td></td>
<td>(4) Total Self-generated Energy (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>62.5</td>
<td>391</td>
</tr>
</tbody>
</table>

✓ Denotes that ERM CVS performed limited assurance of our 2021 environmental numbers which serve as the bases for our 2030 GHG, Energy, Water, and Waste targets.
<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Management</td>
<td>(1) Total Water Withdrawn (thousand cubic meters (m$^3$)), Percentage (%)</td>
<td>RT-CH-140a.1</td>
<td>150,097</td>
<td>165,635</td>
</tr>
<tr>
<td></td>
<td>% Groundwater Renewable</td>
<td>RT-CH-140a.1</td>
<td>7.4%</td>
<td>6.9%</td>
</tr>
<tr>
<td></td>
<td>% Surface Water</td>
<td>RT-CH-140a.1</td>
<td>78.6%</td>
<td>73.8%</td>
</tr>
<tr>
<td></td>
<td>% Third Party</td>
<td>RT-CH-140a.1</td>
<td>14%</td>
<td>19.3%</td>
</tr>
<tr>
<td></td>
<td>(2) Total Water Consumed Meters (thousand cubic meters (m$^3$))</td>
<td>RT-CH-140a.1</td>
<td>14,740</td>
<td>18,226</td>
</tr>
<tr>
<td></td>
<td>Number of Incidents of Non-Compliance Associated with Water Quality Permits, Standards, and Regulations</td>
<td>RT-CH-140a.2</td>
<td>0: No incidents of non-compliance with wastewater discharge permit standard, which resulted in the receipt of a formal Notice of Violation.</td>
<td>2</td>
</tr>
<tr>
<td>Hazardous Waste Management</td>
<td>Amount of Hazardous Waste Generated (metric tons (MT)), Percentage Recycled (%)</td>
<td>RT-CH-150a.1</td>
<td>50,674; 8.4%</td>
<td>54,954; 8.23%</td>
</tr>
<tr>
<td>Community Relations (Community Investment)</td>
<td>Discussion of Engagement Processes to Manage Risks and Opportunities Associated with Community Interests</td>
<td>RT-CH-210a.1</td>
<td>2020/21 Sustainability Report, Community Relations</td>
<td>2021–2022 Sustainability Report, Investing in Our People and Communities</td>
</tr>
</tbody>
</table>

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<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workforce Health and Safety</td>
<td>Total Recordable Incident Rate (TRIR)</td>
<td>RT-CH-320a.1</td>
<td>0.21</td>
<td>0.17</td>
</tr>
<tr>
<td>(Safety Metrics)</td>
<td>Fatality Rate for Direct Employees</td>
<td>RT-CH-320a.1</td>
<td>0.01</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>Fatality Rate for Contract Employees</td>
<td>RT-CH-320a.1</td>
<td>0.03</td>
<td>0.00</td>
</tr>
<tr>
<td>Product Design for Use-Phase Efficiency</td>
<td>Revenue from Products Designed for Use-phase Resource Efficiency</td>
<td>RT-CH-410a.1</td>
<td>Confirmed as 29% of 2020 revenue [$1,622 million of $5,655 million total] Renewable = $744 million (13%) [EtAc, CA Tow, Clarifoil] Resource Eff = $878 million (16%) [EM Auto, GUR LiBs, Elotex]</td>
<td>Data not available</td>
</tr>
<tr>
<td>Safety and Environmental Stewardship of Chemicals</td>
<td>(1) Percentage of Products that Contain Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Category 1 And 2 Health and Environmental Hazardous Substances</td>
<td>RT-CH-410b.1</td>
<td>0.2%, 53% by revenue</td>
<td>0.2%, 64% by revenue</td>
</tr>
<tr>
<td></td>
<td>(2) Percentage of Such Products that Have Undergone a Hazard Assessment</td>
<td>RT-CH-410b.1</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Discussion of Strategy to (1) Manage Chemicals of Concern</td>
<td>RT-CH-410b.2</td>
<td>2020/21 Sustainability Report, Chemical Safety</td>
<td>2021–2022 Sustainability Report, Instilling a Culture of Safety</td>
</tr>
<tr>
<td></td>
<td>(2) Develop Alternatives with Reduced Human and/or Environmental Impact</td>
<td>RT-CH-410b.2</td>
<td>2020/21 Sustainability Report, Chemical Safety</td>
<td>2021–2022 Sustainability Report, Instilling a Culture of Safety</td>
</tr>
<tr>
<td>Genetically Modified Organisms</td>
<td>Percentage of Products by Revenue that Contain Genetically Modified Organisms (GMOs)</td>
<td>RT-CH-410c.1</td>
<td>Not applicable to Celanese products</td>
<td>Not applicable to Celanese products</td>
</tr>
<tr>
<td>DISCLOSURE</td>
<td>METRIC</td>
<td>SASB</td>
<td>2020</td>
<td>2021</td>
</tr>
<tr>
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</tr>
<tr>
<td>Management of the Legal and Regulatory Environment</td>
<td>Discussion of Corporate Positions Related to Government Regulations and/or Policy Proposals That Address Environmental and Social Factors Affecting the Industry</td>
<td>RT-CH-530a.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Safety, Emergency Preparedness and Response</td>
<td>Process Safety Incidents Count (PSIC)</td>
<td>RT-CH-540a.1</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>Tier 1 &amp; 2 Process Safety Incident Rates (per 200,000 hours)</td>
<td>RT-CH-540a.1</td>
<td>0.077</td>
<td>0.137</td>
</tr>
<tr>
<td></td>
<td>Process Safety Incident Severity Rate (PSISR)</td>
<td>RT-CH-540a.1</td>
<td>0.278</td>
<td>0.009</td>
</tr>
<tr>
<td></td>
<td>Number of Transport Incidents</td>
<td>RT-CH-540a.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Production by Reportable Segment</td>
<td>Production (metric tons (MT))</td>
<td>RT-CH-000.A</td>
<td>8,652,805</td>
<td>9,335,196</td>
</tr>
</tbody>
</table>

Denotes that ERM CVS performed limited assurance of our 2021 environmental numbers which serve as the bases for our 2030 GHG, Energy, Water, and Waste targets.
# Task Force on Climate-Related Financial Disclosures (TCFD) Index

## GOVERNANCE

### Disclose the organization’s governance around climate-related risks and opportunities

Our Board of Directors (Board) has oversight responsibility for climate policy and strategy.

- **The Environmental, Health, Safety, Quality, and Public Policy (EHSQPP) Committee of the Board oversees the development, implementation, and monitoring of greenhouse gas reduction and energy targets in manufacturing and production processes.**
- **Members of the Board have experience with complex environmental regulation and sustainability-focused strategy, including climate-related risk management.**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1.1a, C1.1b, C1.1d</td>
<td>2022 CDP Climate Change Response</td>
</tr>
<tr>
<td></td>
<td>Corporate Governance Statement</td>
</tr>
<tr>
<td></td>
<td>2021–2022 Sustainability Guidelines (section A)</td>
</tr>
<tr>
<td></td>
<td>2021–2022 Sustainability Report: Leading Sustainability Governance</td>
</tr>
<tr>
<td></td>
<td>2021–22 Sustainability Index: Governance Structure Flow Chart</td>
</tr>
</tbody>
</table>

### Describe the Board’s oversight of climate-related risks and opportunities.

- The CEO, who is also Chairman of the Board, approves the strategy for the development, implementation, and monitoring of greenhouse gas reduction and energy targets setting and progress.
- The ESG Council Climate Working Group, co-chaired by our Chief Procurement Officer and Vice President (VP), Global Government Affairs, focuses specifically on climate related issues and meets biweekly to develop and implement a comprehensive strategy to reduce our carbon footprint.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1.2a</td>
<td>2022 CDP Climate Change Response</td>
</tr>
<tr>
<td>C1.2b</td>
<td>2022 Proxy Statement p. 11</td>
</tr>
<tr>
<td></td>
<td>2021–2022 Sustainability Report: Leading Sustainability Governance</td>
</tr>
</tbody>
</table>

## STRATEGY

### Disclose the actual and potential impacts of climate-related risks and opportunities on the organization’s businesses, strategy, and financial planning

- Climate related risks and opportunities include shifting consumer demand towards low carbon footprint products, physical environmental risks, emerging regulation, carbon pricing mechanisms, enhanced emissions-reporting obligations, use of lower-emissions sources of energy, resource efficiency, and expansion of products and services.
- **In response, Celanese has invested in projects to increase energy efficiency, improve reliability, recover and reuse waste heat, and increase our purchase of renewable energy as well as more sustainable raw materials.**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2.1a, C2.1b, C2.1c, C2.1d, C2.2a</td>
<td>2022 CDP Climate Change Response</td>
</tr>
<tr>
<td>C2.3, C2.3a, C2.4, C2.4a</td>
<td>2021 Form 10-K</td>
</tr>
<tr>
<td></td>
<td>2022 Proxy Statement</td>
</tr>
<tr>
<td></td>
<td>2021–2022 Sustainability Report: Preserving the Environment</td>
</tr>
<tr>
<td></td>
<td>2021–2022 Sustainability Index: Preserving the Environment</td>
</tr>
</tbody>
</table>

### Describe management’s role in assessing and managing climate-related risks and opportunities.

- The CEO, who is also Chairman of the Board, approves the strategy for the development, implementation, and monitoring of greenhouse gas reduction and energy targets setting and progress.
- The ESG Council Climate Working Group, co-chaired by our Chief Procurement Officer and Vice President (VP), Global Government Affairs, focuses specifically on climate related issues and meets biweekly to develop and implement a comprehensive strategy to reduce our carbon footprint.
### STRATEGY

**Describe the impact of climate-related risks and opportunities on Celanese businesses, strategy, and financial planning.**

The impact of climate-related risks may result in increased indirect operating costs due to emerging regulation and carbon pricing mechanisms, while also presenting an opportunity to reduce the same by using lower-emission sources of energy. Our 2023 methanol expansion is a notable example of applying scenario planning for current and future needs.

**Describe the resilience of Celanese strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.**

Our resilience strategy involves our energy GHG intensity reduction targets by 2030, investment in capital projects that lower energy consumption and emissions impact, investment in low carbon product offerings, and evaluation of additional opportunities to procure renewable energy and sustainable raw materials.

### RISK MANAGEMENT

**Describe Celanese processes for identifying and assessing climate-related risks.**

Led by our Internal Audit, Celanese holds annual risk workshops with the leadership teams of key functions to assess the current risk universe applicable to those functions.

The Company added a new workshop in 2021 to focus specifically on ESG related risks to inform the enterprise risk management program for 2022. Our cross-functional ESG Council participated in the workshop, allowing for an in-depth discussion of ESG risks such as climate, energy, and their interdependencies.

**Describe Celanese processes for managing climate-related risks.**

Major risks identified are assigned to risk owners who develop and execute remediation plans. As with other types of risks, sustainability risks, including major climate risks, are monitored and mitigation progress is reviewed with leadership and the full board at least annually. Risk and remediation status are tracked continually throughout the year with quarterly certifications by the executive leadership team for major enterprise level risks.
## RISK MANAGEMENT

**Describe how the organization identifies, assesses, and manages climate-related risks**

Climate-related risks and opportunities which could have a substantive financial or strategic impact are integrated into our overall corporate enterprise risk management processes.

**Describe how processes for identifying, assessing, and managing climate-related risks are integrated into overall Celanese risk management.**

### METRICS AND TARGETS

**Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities**

Celanese tracks and reports its consumption of fuel, electricity, heat, steam, and cooling. It also tracks its generation of electricity, heat, steam, and cooling. Energy intensity is also utilized as another key climate-related metric.

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**Disclose the metrics used by Celanese to assess climate-related risks and opportunities in line with its strategy and risk-management process.**

**Gross global Scope 1 emissions: 2,375,026 (metric tons (MT) CO₂e)**

**Scope 2 (location-based): 1,331,805 (metric tons (MT) CO₂e)**

**Scope 2 (market-based): 1,417,089 (metric tons (MT) CO₂e)**

**Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 GHG emissions and the related risks.**

**2030 Targets:**

- 30% Reduction in Scope 1 and Scope 2 GHG Intensity
- 10% Reduction in Total Net Energy Intensity

**Describe the targets used by Celanese to manage climate-related risks and opportunities and performance against targets.**

2022 CDP Climate Change Response C1.1b, C2.1, C2.2

2022 Proxy Statement

2021 Form 10-K

2021–2022 Sustainability Report: Managing Risk Through Corporate Governance

2022 CDP Climate Change Response C4.1, C4.1c, C4.2, C4.2b, C8.2, C8.2a, C8.2c, C-CH8.2d, C-CH8.3a, C-CH8.3b, C-CH8.3c

2022 Proxy Statement

2022 Sustainability Index: Preserving the Environment

2022 CDP Climate Change Response C5.1b, C5.1c, C5.2, C5.1, C6.1, C6.3, C6.4, C6.5

2022 Sustainability Index: Preserving the Environment

2022 CDP Climate Change Response C4.1, C4.1c, C4.2, C4.2b

2022 Proxy Statement

2021–2022 Sustainability Report: Preserving the Environment

2021–2022 Sustainability Index: Preserving the Environment
United Nations Sustainable Development Goals (UN SDGs)

SDG 3: GOOD HEALTH AND WELL-BEING
- Investing in employee well-being programs that focus on physical, emotional, and financial wellness to promote a fulfilling, engaging, and inclusive workplace
- Improving patient care and comfort by providing materials that allow component re-design for lighter and miniaturization of healthcare products
- Contributing to different clinical segments, such as oncology, infectious disease, central nervous system disorders, ophthalmology, and women’s health, through our VitalDose Technology Platform, which is a controlled-release long-acting drug delivery solution

SDG 6: CLEAN WATER AND SANITATION
- Furthering our commitment to sustainable water management by adopting a Water Management Policy and Program centered around tracking and disclosing water performance and implementing water efficiency practices
- Using recirculated cooling water systems in our operations

SDG 9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE
- Establishing and executing on our supplier diversity program which stimulates economic growth and diverse businesses
- Investing in cleaner and more sustainable industrial processes, such as heat capture and sustainable methanol production

SDG 10: REDUCED INEQUALITIES
- Developing 9 Employee Resource Groups with chapters spanning the globe, increasing employee cultural awareness, visibility, and representation of members
- Supporting science, technology, engineering, and mathematics (STEM) education, scholarship programs, and access to talent in minority populations through partnerships with women and Black engineering societies and Historically Black Colleges and Universities

SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION
- Considering energy-efficiency alternatives during the design phase of a new project through an award-winning lifecycle cost evaluation checklist
- Innovating processes and technologies that turn hazardous waste to energy to contribute to our comprehensive waste program
- Providing guidelines and expectations of suppliers to adopt environmentally sound practices through our Supplier Business Code of Conduct, Supplier Partnership Guide, and ESG Supplier Risk Survey

SDG 13: CLIMATE ACTION
- Reducing our carbon footprint through the use of approximately 180,000 metric tons per year of currently vented process CO₂ at our entire Clear Lake, Texas, facility to produce sustainable methanol (beginning in 2023)
- Purchasing renewable solar energy to provide approximately 33% of our electricity needs for our Clear Lake, Texas, facility
- Investing in an enhanced environmental data tracking system to help identify meaningful ways to reduce CO₂ and improve our environmental footprint
### Advancing Safe and Sustainable Customer Solutions
Circular Economy – Chemical Safety – Supplier Risk Management

<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(1) Percentage of Products That Contain Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Category 1 And 2 Health and Environmental Hazardous Substances</td>
<td>RT-CH-410b.1</td>
<td>0.2%, 53% by revenue</td>
<td>0.2%, 64% by revenue</td>
</tr>
<tr>
<td></td>
<td>(2) Percentage of Such Products That Have Undergone a Hazard Assessment</td>
<td>RT-CH-410b.1</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Discussion of Strategy to (1) Manage Chemicals of Concern</td>
<td>RT-CH-410b.2</td>
<td>2020/21 Sustainability Report, Chemical Safety</td>
<td>2021–2022 Sustainability Report, Instilling a Culture of Safety</td>
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<tr>
<td></td>
<td>(2) Develop Alternatives With Reduced Human and/or Environmental Impact</td>
<td>RT-CH-410b.2</td>
<td>2020/21 Sustainability Report, Chemical Safety</td>
<td>2021–2022 Sustainability Report, Instilling a Culture of Safety</td>
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<tr>
<td></td>
<td>Product Design for Use-Phase Efficiency</td>
<td>RT-CH-410a.1</td>
<td>Confirmed as 29% of 2020 revenue [$1,622 million of $5,655 million total] Renewable = $744 million (13%) [EtAc, CA Tow, Clarifoil] Resource Eff = $878 million (16%) [EM Auto, GUR LiBs, Elotex]</td>
<td>Data not available</td>
</tr>
</tbody>
</table>

### OVERVIEW
- CUSTOMER SOLUTIONS
- ENVIRONMENT
- PEOPLE AND COMMUNITIES
- INTEGRITY
- ADDITIONAL REPORTING

Celanese 2021–2022 Sustainability Index
<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Diversity Economic Impact</td>
<td>$ In Production Impact/Total Economic Activity</td>
<td>-</td>
<td>Not reported in 2020</td>
<td>~$195 million</td>
</tr>
<tr>
<td></td>
<td>Number of Jobs Supported</td>
<td>-</td>
<td>Not reported in 2020</td>
<td>~1,380</td>
</tr>
<tr>
<td></td>
<td>$ Wages Earned Through Our Supplier Diversity Program</td>
<td>-</td>
<td>$48 million</td>
<td>~$250 million</td>
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<tr>
<td></td>
<td>$ Net Increase to the U.S. Gross Domestic Product by Our Supplier Diversity Program</td>
<td>-</td>
<td>Not reported in 2020</td>
<td>~$110 million</td>
</tr>
<tr>
<td>Certificates</td>
<td>ISO 9001</td>
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<td>2020/21 Sustainability Report, Preserving the Environment</td>
<td>View 43 certificates</td>
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<tr>
<td></td>
<td>ISO 14001</td>
<td>-</td>
<td>2020/21 Sustainability Report, Preserving the Environment</td>
<td>View 23 certificates</td>
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<tr>
<td></td>
<td>IATF 16949</td>
<td>-</td>
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<td>ISO/IEC 17025</td>
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<td>2020/21 Sustainability Report, Preserving the Environment</td>
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<tr>
<td>Production by Reportable Segment</td>
<td>Production (metric tons (MT))</td>
<td>RT-CH-000.A</td>
<td>8,652,805</td>
<td>9,335,196</td>
</tr>
</tbody>
</table>
OVERVIEW

Celanese works diligently with our global supply chain partners to conduct our business in a manner which supports the humanitarian goal of ending violent conflict and human rights abuses in the Democratic Republic of the Congo and surrounding countries. While we typically do not source raw materials considered to be “conflict minerals, but if we do, we purchase them through reputable third parties such as banks.

GLOBAL CERTIFICATIONS

At Celanese, we maintain global certifications for specific facilities and product lines. Customers can use the tool available on our website to search across more than 120 certificates for Celanese products.

PRODUCT SAFETY AND STEWARDSHIP

Using the ACC's Product Safety Code as a guide, Celanese has a significant Chemical Safety and Regulatory communication program. We offer Safety Data Sheets, Technical Data Sheets, Safe Handling Guides, and Regulatory Summaries for our hazardous chemicals. Additionally, we answer our customer technical and regulatory questions to support safe handling and compliant use. Moreover, we are committed to the implementation of the industry-leading Responsible Care Product Safety Code developed by the ACC to drive continuous improvement in chemical product safety. We collaborate with the ACC in publishing the safety facts and provide information written in a non-technical and easy-to-understand manner. We post reviews of formaldehyde, acetic acid, and vinyl acetate, among others, at that site.

We have a global team dedicated to managing chemical registrations and risk assessments, including REACH in Europe, K-REACH in Korea, Chemical Management Plan in Canada, and U.S. EPA Risk Assessments in the U.S. We engage and lead consortia to disseminate current safety and use information for accurate reviews and decisions. We take an active role in advocating for chemical safety and mitigating wider risks across the value chain, from supplier to end-product user. Senior Celanese professionals work in national and international industry organizations to advocate for safe and sustainable chemicals. We also share best practices and lessons learned with our industry peers to continuously improve product stewardship of chemical and specialty materials worldwide.

Our Board oversees how project safety and stewardship risks are integrated into our core business strategy. The Environmental, Health, Safety, Quality, and Public Policy (EHSQPP) Committee of the Board makes recommendations for Key Performance Indicators (KPIs) to address key topics, such as workforce, process, and chemical safety, GHG reduction, and sustainability in manufacturing.

INTEGRITY

We also expect our suppliers, vendors, and contractors to follow the same ethical and legal standards that Celanese follows. In our revised Supplier Business Code (BCP) and related policies. You can find a comprehensive list of links to our related policies within this Index.

We also expect our employees and business partners to conduct business according to the principles of integrity, ethics, fairness, and respect as described in our Business Conduct Policy (BCP) and related policies. You can find a comprehensive list of links to our policies within this Index.

POLICY ON MODERN SLAVERY

As a socially responsible Company, Celanese strives to uphold the highest standards of integrity and ethics and to comply with all applicable laws, rules, and regulations. We are committed to promoting human rights and fair working conditions within our own operations and through our partners. We have a comprehensive business conduct policy outlining our standards and expectations for employees and our subsidiaries. We provide awareness training, offer an ethics hotline, and go to great lengths to disseminate our expectations that our supply chains strictly follow the law.

We understand that the risk of modern slavery is not static, and we will continue our efforts to mitigate that risk. To assess the effectiveness of our measures, Celanese reviews important indicators such as staff training level, actions to strengthen supply-chain auditing and verification, steps taken to educate our high-risk suppliers, and investigations into reports of modern slavery and respective remedial actions.

POLICY ON CONFLICT MINERALS

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GLOBAL SUPPLY CHAIN ACT

The German Act on Corporate Due Diligence Obligations in the Supply Chain (Lieferkettensorgfältpflichtengesetz, “LkSG”) will be applicable to Celanese as of January 1, 2024. Celanese is committed to safeguarding the human rights of our employees and the individuals in our business interactions. We expect our employees and business partners to conduct business according to the principles of integrity, ethics, fairness, and respect as described in our Business Conduct Policy (BCP) and related policies. You can find a comprehensive list of links to our related policies within this Index.

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LIFE CYCLE ASSESSMENTS

Celanese works to understand the environmental impact of our key products and what that means to our customers. We analyze this through Life Cycle Assessments (LCAs) and quantify the estimated environmental impacts of a product with a cradle-to-gate approach. We assess raw materials, extraction, and manufacture of products, quantifying inputs such as energy use as well as outputs such as air emissions. In 2021, we strengthened our efforts to increase the number of LCAs we perform and the data we collect and completed LCAs for many key products in Acetyls and Engineered Materials (EM), and set a goal of having an LCA on all major product categories by the end of 2022.

PRODUCT SAFETY AND STEWARDSHIP

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OVERVIEW SASB TCFD UN SDGS CUSTOMER SOLUTIONS ENVIRONMENT PEOPLE AND COMMUNITIES INTEGRITY ADDITIONAL REPORTING

Celanese 2021–2022 Sustainability Index
QUALITY GUIDING PRINCIPLES

We are committed to quality throughout the customer experience. This document outlines how we strive to meet the requirements of our customers, engage and empower our employees, drive value, and manage relationships across our value chain to achieve our vision of being the first-choice chemistry solution source for our customers.

STEM CELL AND ANIMAL TESTING PRACTICES

Neither Celanese Corporation nor any of its controlled subsidiaries have performed research using human stem cells or fetal tissue in the past three years, and we do not fund or participate in external studies that use human stem cells or fetal tissue. We engage in limited animal testing through accredited third-party labs to promote product safety, address product stewardship requirements, and meet government regulations.

SUPPLIER DIVERSITY

Our Supplier Diversity Program supports small and diverse businesses, which include the following underrepresented groups: minorities, women, veterans, disabled, and LGBTQ+. By working to execute the Supplier Diversity Program’s mission, Celanese can track economic impact data through the Regional Input-Output Modeling System. Year-over-year, our Supplier Diversity Program continues to make a net positive impact on the economy. See our Supplier Diversity Economic Impact figures above.

In 2021, our Supplier Diversity Program supported an approximate $250 million in wages paid to individuals employed by small and/or diverse business as calculated by SupplierGATEWAY® Economic Impact Reporting software. Our business activity with small and diverse companies supported the creation and/or retention of approximately 1,380 jobs. The economic impact assessment we have undertaken highlights how spending with small and diverse businesses sets off a series of additional benefits to subcontractors, which in turn generates a net positive impact on the economy. As a member of the largest national supplier development councils, which includes National Minority Supplier Development Council (NMSDC), Women’s Business Enterprise National Council (WBENC), National LGBT Chamber of Commerce (NGLCC), DisabilityIN, and National Veterans Business Development Council (NVBDC), we are helping to advance the agenda of providing equitable access to procurement opportunities for all categories of small and diverse businesses. By partnering with premier advocacy groups and business associations, we seek to provide education about our procurement process and information about business opportunities to companies that are small and/or diverse.

SUPPLIER RISK MANAGEMENT

Celanese has developed an annual ESG Supplier Risk Survey to document the ESG activities of its top suppliers who represent approximately 50% of its annual spending.

SUPPLIER PARTNERSHIP GUIDE

Our guide outlines our Supplier Diversity Program, Supplier Requirements, Terms and Conditions, and areas of partnership opportunities.

SUSTAINABLE SOURCING OF WOOD PULP

By policy, our sourcing of the wood pulp used in our cellulosic products is limited to suppliers that are certified by accredited partners, such as FSC (Forest Stewardship Council) or PEFC (Programme for the Endorsement of Forest Certification). This Sustainable Sourcing policy integrates social, ethical, and environmental performance factors into the supplier selection process. When sourcing our wood pulp for these products, our policy is to consider only those suppliers that:

• Share our commitment to society to provide products in a responsible way that focuses on reduced resource consumption;
• Promote sustainable forestry and protect biodiversity through continuous improvement of waste-management processes and reduction of environmental impact;
• Responsibly source their wood and pulp from accredited partners or themselves using best practices to avoid high-conservation-value forests or illegal harvesting;
• Take a collaborative approach, sharing knowledge, and providing assurances and certifications of forestry stewardship;
• Provide training and leadership to their employees and to third parties (for example, contractors) for better engagement and behavioral alignment with sustainable objectives;
• Share the value of continuous learning, understanding current deviations, and improving their own process through root cause analysis and lessons learned; and
• Protect their forest workers in relation to health and employee safety.

THIRD-PARTY CODE OF CONDUCT

Celanese Corporation strives to share its ethical and legal commitments with third parties doing business with and for Celanese. We design and share this Code with our third parties to make them aware of our expectations of them regarding critical areas of corporate responsibility such as Ethical Business Practices, Labor and Human Rights, Sustainability, and Information Stewardship.
## Preserving the Environment

### 2030 Targets – Climate and Air Emissions – Energy – Water – Waste

### BASELINES VALUES FOR OUR ENVIRONMENTAL TARGETS

<table>
<thead>
<tr>
<th>2030 TARGETS</th>
<th>2021 INTENSITY BASELINE VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>30% Reduction in Scope 1 and Market-based Scope 2 Greenhouse Gas (GHG) Intensity</td>
<td>0.406 (metric tons (MT) CO₂e/MT) ✓</td>
</tr>
<tr>
<td>10% Reduction in Total Net Energy Intensity</td>
<td>2.36 (thousand BTU (MBTU)/lbs.) ✓</td>
</tr>
<tr>
<td>10% Water Consumption Intensity Reduction</td>
<td>1.95 (cubic meters (m³)/metric tons (MT) product) ✓</td>
</tr>
<tr>
<td>15% Total Waste Disposal Intensity Reduction</td>
<td>0.0079 (metric tons (MT)/MT product) ✓</td>
</tr>
</tbody>
</table>

All 2030 environmental intensity reduction targets are based on production which is defined as including all intercompany trade equaling a mass balance of all gross production whether internal or externally sold for all operated and owned assets.

✓ Denotes that ERM CVS performed limited assurance of our 2021 environmental numbers which serve as the bases for our 2030 GHG, Energy, Water, and Waste targets.
<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
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<tr>
<td><strong>DISCLOSURE</strong></td>
<td><strong>METRIC</strong></td>
<td><strong>SASB</strong></td>
<td><strong>2020</strong></td>
<td><strong>2021</strong></td>
</tr>
<tr>
<td><strong>Greenhouse Gas Emissions</strong></td>
<td><strong>Gross Scope 1 (metric tons (MT) CO₂e)</strong></td>
<td>RT-CH-110a.1</td>
<td>2,275,903</td>
<td>2,375,026</td>
</tr>
<tr>
<td></td>
<td><strong>Gross Market-based Scope 2 (metric tons (MT) CO₂e)</strong></td>
<td>-</td>
<td>1,371,062</td>
<td>1,417,089</td>
</tr>
<tr>
<td></td>
<td><strong>GHG Emissions from Steam and Electricity Sales and Exports (metric tons (MT) CO₂e)</strong></td>
<td>-</td>
<td>186,737</td>
<td>178,696</td>
</tr>
<tr>
<td></td>
<td><strong>Net Global Scope 1 and Market-based Scope 2 Emissions (metric tons (MT) CO₂e)</strong></td>
<td>-</td>
<td>3,460,228</td>
<td>3,613,419</td>
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<td></td>
<td><strong>Other Refrigerant GHG Emissions (metric tons (MT) CO₂e)</strong></td>
<td>-</td>
<td>35,368</td>
<td>67,538</td>
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<tr>
<td></td>
<td><strong>Discussion of Long-term and Short-term Strategy or Plan to Manage Scope 1 Emissions, Emissions Reduction Targets, and an Analysis of Performance Against Those Targets</strong></td>
<td>RT-CH-110a.2</td>
<td>2020/21 Sustainability Report, Climate</td>
<td>2021–2022 Sustainability Report, Preserving the Environment,</td>
</tr>
<tr>
<td></td>
<td><strong>Percentage Covered Under Emissions-Limiting Regulations (metric tons (MT) CO₂e), Percentage (%)</strong></td>
<td>RT-CH-110a.1</td>
<td>105,406 (4.6%)</td>
<td>111,115 (4.7%)</td>
</tr>
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<td><strong>Air Quality</strong></td>
<td><strong>Air Emissions of the Following Pollutants: (1) NOₓ (excluding N₂O) (metric tons (MT))</strong></td>
<td>RT-CH-120a.1</td>
<td>1,034.33</td>
<td>877.18</td>
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<tr>
<td></td>
<td><strong>(2) SO₂ (metric tons (MT))</strong></td>
<td>RT-CH-120a.1</td>
<td>59.33</td>
<td>58.37</td>
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<td></td>
<td><strong>(3) Volatile Organic Compounds (VOCs) (metric tons (MT))</strong></td>
<td>RT-CH-120a.1</td>
<td>2,578.04</td>
<td>2,899.8</td>
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<tr>
<td></td>
<td><strong>(4) Hazardous Air Pollutants (HAPs) (metric tons (MT))</strong></td>
<td>RT-CH-120a.1</td>
<td>312.56</td>
<td>245.88</td>
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</table>

Denotes that ERM CVS performed limited assurance of our 2021 environmental numbers which serve as the bases for our 2030 GHG, Energy, Water, and Waste targets.
<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Management</td>
<td>(1) Total Energy Consumed (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>49,043,883</td>
<td>51,661,145</td>
</tr>
<tr>
<td></td>
<td>Amount of Energy Sold or Exported (million BTU (MMBTU))</td>
<td>-</td>
<td>2,452,486</td>
<td>2,799,552</td>
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<tr>
<td></td>
<td>Net Energy Consumed (million BTU (MMBTU))</td>
<td>-</td>
<td>46,591,398</td>
<td>48,861,593</td>
</tr>
<tr>
<td></td>
<td>(2) Percentage Grid Electricity (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>4,208,484 (8.58%)</td>
<td>4,809,175 (9.3%)</td>
</tr>
<tr>
<td></td>
<td>(3) Percentage Renewable Energy (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>10,284 (0.02%)</td>
<td>23,780 (0.046%)</td>
</tr>
<tr>
<td></td>
<td>(4) Total Self-generated Energy (million BTU (MMBTU))</td>
<td>RT-CH-130a.1</td>
<td>62.5</td>
<td>391</td>
</tr>
<tr>
<td></td>
<td>% Total Energy Purchased</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>% Electricity</td>
<td>-</td>
<td>9%</td>
<td>9.3%</td>
</tr>
<tr>
<td></td>
<td>% Steam</td>
<td>-</td>
<td>17%</td>
<td>19.6%</td>
</tr>
<tr>
<td></td>
<td>% Fuel</td>
<td>-</td>
<td>71%</td>
<td>70.3%</td>
</tr>
<tr>
<td></td>
<td>% Other</td>
<td>-</td>
<td>3%</td>
<td>0.8%</td>
</tr>
</tbody>
</table>

✓ Denotes that ERM CVS performed limited assurance of our 2021 environmental numbers which serve as the bases for our 2030 GHG, Energy, Water, and Waste targets.
<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Management</td>
<td>Renewable Energy Supply (MWh)</td>
<td>-</td>
<td>Not disclosed in 2020</td>
<td>6,969</td>
</tr>
<tr>
<td></td>
<td>Displaced (metric tons (MT) CO₂e) by Renewable Energy Supply</td>
<td>-</td>
<td>Not disclosed in 2020</td>
<td>2,897</td>
</tr>
<tr>
<td>Water Management</td>
<td>(1) Total Water Withdrawn (thousand cubic meters (m³)), Percentage (%)</td>
<td>RT-CH-140a.1</td>
<td>150,097</td>
<td>165,635</td>
</tr>
<tr>
<td></td>
<td>% Groundwater Renewable</td>
<td>RT-CH-140a.1</td>
<td>7.4%</td>
<td>6.9%</td>
</tr>
<tr>
<td></td>
<td>% Surface Water</td>
<td>RT-CH-140a.1</td>
<td>78.6%</td>
<td>73.8%</td>
</tr>
<tr>
<td></td>
<td>% Third Party</td>
<td>RT-CH-140a.1</td>
<td>14%</td>
<td>19.3%</td>
</tr>
<tr>
<td></td>
<td>Total Water Discharged (cubic meters (m³))</td>
<td>-</td>
<td>Not disclosed in 2020</td>
<td>147,409</td>
</tr>
<tr>
<td></td>
<td>% Onsite Disposal System and Brackish Water</td>
<td>-</td>
<td>Not disclosed in 2020</td>
<td>0.6%</td>
</tr>
<tr>
<td></td>
<td>% Surface Water</td>
<td>-</td>
<td>Not disclosed in 2020</td>
<td>88.9%</td>
</tr>
<tr>
<td></td>
<td>% Third Party</td>
<td>-</td>
<td>Not disclosed in 2020</td>
<td>10.5%</td>
</tr>
<tr>
<td>DISCLOSURE</td>
<td>METRIC</td>
<td>SASB</td>
<td>2020</td>
<td>2021</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
<td>------</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td><strong>Water Management</strong></td>
<td>(2) Total Water Consumed Meters (thousand cubic meters (m³))</td>
<td>RT-CH-140a.1</td>
<td>14,740 (2.06% of water consumed from regions with high or extremely high baseline water stress as defined by the World Resources Institute Aqueduct Water Atlas)</td>
<td>18,226 (2.44% of water consumed from regions with high or extremely high baseline water stress as defined by the World Resources Institute Aqueduct Water Atlas)</td>
</tr>
<tr>
<td></td>
<td>Number of Incidents of Non-Compliance Associated with Water Quality Permits, Standards, and Regulations</td>
<td>RT-CH-140a.2</td>
<td>0: No incidents of non-compliance with wastewater discharge permit standard, which resulted in the receipt of a formal Notice of Violation</td>
<td>2</td>
</tr>
<tr>
<td><strong>Waste Management</strong></td>
<td>Amount of Hazardous Waste Generated (metric tons (MT)), Percentage Recycled (%)</td>
<td>RT-CH-150a.1</td>
<td>50,674; 8.4%</td>
<td>54,954; 8.23%</td>
</tr>
<tr>
<td></td>
<td>Amount of Non-Hazardous Waste Generated (metric tons (MT)), Percentage Recycled (%)</td>
<td>-</td>
<td>59,213; 25%</td>
<td>82,835; 25%</td>
</tr>
<tr>
<td></td>
<td>Amount of Hazardous Waste Generated from Remediation Activities or Other Extraordinary Events (metric tons (MT))</td>
<td>-</td>
<td>Not Reported</td>
<td>598</td>
</tr>
<tr>
<td></td>
<td>Amount of Non-Hazardous Waste Generated from Remediation Activities or Other Extraordinary Events (metric tons (MT))</td>
<td>-</td>
<td>Not Reported</td>
<td>10,964</td>
</tr>
<tr>
<td></td>
<td>Total Amount of Hazardous and Non-Hazardous Waste Generated (metric tons (MT))</td>
<td>-</td>
<td>Not Reported</td>
<td>137,790</td>
</tr>
</tbody>
</table>

✓ Denotes that ERM CVS performed limited assurance of our 2021 environmental numbers which serve as the bases for our 2030 GHG, Energy, Water, and Waste targets.
REPORTING METHODOLOGY, BOUNDARY, AND DEFINITIONS

Greenhouse Gas

- Global Scope 1 GHG emissions reported are those calculated from Celanese owned or operated sources within Celanese manufacturing facilities during calendar year 2021. Manufacturing facilities include those facilities manufacturing products and do not include construction activities or those activities associated with major capital projects.
- Global Market-based Scope 2 GHG emissions reported are from purchased utilities (e.g., electricity, steam, other utilities) for Celanese owned or operated sources within Celanese manufacturing facilities during calendar year 2021 using site-specific and published emission factors. This value excludes Scope 2 GHG emissions from administrative locations, the use of temporary power to operate equipment, remediation activities at offsite activities, and other maintenance activities occurring offsite (e.g., pipeline activities).
- These emissions are GHG emissions from the sale of steam and electricity to third party manufacturing units not owned or operated by Celanese, which include co-located site partners and electrical grid systems using GHG protocol methodologies for combined heat and power systems.
- These emissions are Scope 1 and Market-based Scope 2 emissions defined above less GHG emissions from sale or export of steam and electricity.
- GHG emissions from non-Kyoto Protocol refrigerants emissions during calendar year 2021.
- These emissions are associated with Celanese owned or operated manufacturing facilities located in Europe and a part of the European Trading Scheme (ETS). Manufacturing facilities include those facilities manufacturing products and do not include construction activities or those activities associated with major capital projects.

Air

- Note: NO₂ emissions associated with manufacturing sites. Reported NO₂ emissions are consistent with government-issued permit/license to operate and aligned with site permit basis documents and agency reporting requirements.
- Note: SO₂ emissions associated with manufacturing sites. Reported SO₂ emissions are consistent with government-issued permit/license to operate and aligned with site permit basis documents and agency reporting requirements.
- VOC emissions associated with manufacturing sites. Reported VOC emissions are consistent with government-issued permit/license to operate and aligned with site permit basis documents and agency reporting requirements. VOC emissions include point emissions, fugitive emissions, and reported emissions from spills and releases.
- HAP emissions associated with manufacturing sites. Reported HAP emissions are consistent with government-issued permit/license to operate and aligned with site permit basis documents and agency reporting requirements.

Energy

- Total energy consumed is the aggregate of gross purchased energy, inclusive of direct fuel usage, purchased electricity, heating, cooling, and steam energy, from Celanese owned or operated sources within Celanese manufacturing facilities during calendar year 2021. Manufacturing facilities include those facilities manufacturing products and do not include construction activities or those activities associated with major capital projects. This value excludes energy from administrative locations, the use of temporary power to operate equipment, remediation activities at offsite activities, and other maintenance activities occurring offsite (e.g., pipeline activities).
- Energy from the sale of steam and electricity to third party manufacturing units not owned or operated by Celanese, which include co-located site partners and electrical grid system during calendar year.
- Net energy consumed is the gross energy consumed defined above less energy sold or exported from sale or export of steam and electricity during the calendar year 2021.
- Amount and percentage of grid electricity is the amount of purchased grid electricity consumed divided by total gross energy consumption for the calendar year.
- Amount and percentage of renewable energy is amount of energy from sources that are replenished at a rate greater than or equal to their rate of depletion, such as geothermal, wind, solar, hydro, and biomass divided by total gross energy consumption for the calendar year provided. Renewable power is purchased through a purchase agreement (PPA) that explicitly includes renewable energy certificates (RECs) or certificate of origin.
- Amount of Celanese-generated electricity from nonfuel based sources (e.g., onsite solar cells, onsite wind turbines) at manufacturing facilities in aggregate during the calendar year. Manufacturing facilities include those facilities manufacturing products and do not include construction activities or those activities associated with major capital projects. Gross energy where Celanese converts to other energy sources (e.g., natural gas combustion to steam) is excluded.

Waste

- Hazardous waste generated represents the amount of hazardous waste generated, as defined by the local jurisdiction, at Celanese owned or operated manufacturing plants globally. “Recycled” hazardous waste excludes wastes managed through energy recovery.
- Non-hazardous waste generated represents the amount of non-hazardous waste generated, as defined by the local jurisdiction, at Celanese owned or operated manufacturing plants globally.
- Hazardous waste total generated that does not include waste generated from remediation activities or other extraordinary events.
- Non-Hazardous waste total generated that does not include waste generated from remediation activities or other extraordinary events.
- 2020 hazardous and non-hazardous waste values are restated due to historical calculations errors found during the ERM CVS limited assurance review process.
- Total Waste Disposed represents the total amount of hazardous and non-hazardous waste generated less hazardous and non-hazardous wastes that are recycled or treated onsite or offsite.
OVERVIEW
Climate change is one of the most challenging and significant issues facing the world today, and at Celanese, we are committed to doing our part to make sustainable progress toward addressing the challenge. We support multilateral approaches, such as the Paris Agreement, which promote ambitious efforts to address climate change holistically.

We recognize that the nature of our operations is energy and fossil fuel intensive, and we are investing in projects to increase energy efficiency, improve reliability, recover, and reuse waste heat, and to increase our purchase of renewable energy and more sustainable raw materials.

EHS POLICY AND GUIDING PRINCIPLES
Our principles are the basis of our strategic approach to improving our environmental performance. In our operations, we strive to continually enhance management of energy, waste, air emissions, and water usage. In our operations, we also strive to continually enhance management of our environmental risk. As a result, more than 50% of our operations have been ISO 14001 certified and six of our manufacturing and administration sites continue to implement energy management systems certified under ISO 50001. Our EHS Policy and Guiding Principles outlines our approach to improving our environmental performance. In our operations, we strive to continually enhance management of energy, waste, air emissions, and water usage. In our operations, we also strive to continually enhance management of our environmental risk.

SASB
Published or site-specific emission factors of sources of steam and electricity purchased from third parties.

TCFD
Published or site-specific emission factors of sources of steam and electricity purchased from third parties.

UN SDGS
Published or site-specific emission factors of sources of steam and electricity purchased from third parties.

ADDITIONAL REPORTING
We calculate our Scope 1 GHG emissions using The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard, as a guide. The organizational boundaries for this report align with the Operational Control approach outlined in The Greenhouse Gas Protocol for Celanese manufacturing facilities. Following Scope 1 Guidance for Direct Emissions, we first conducted an inventory of Celanese owned or operated emission sources within Celanese manufacturing facilities. Example sources of Scope 1 emission sources are Celanese onsite combustion and energy sources (e.g., cogeneration units, boilers, furnaces), mobile sources, process emissions (e.g., Kyoto Protocol refrigerants, fugitive emissions, leaks, process emissions), landfills, onsite vent gas abatement sources, waste incinerations, and wastewater treatment plants. For each Celanese owned or operated manufacturing source, we estimated reported gross Scope 1 emissions using a combination of actual or estimated activity rates based on best-engineering judgements combined with emissions factors based on sampling, site-level factors, or published data sets (e.g., European Environment Agency (EEA), U.S. EPA, default higher heating values for purchased fuels, and global warming potential values from the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report.

Scope 2
For gross Market-based Scope 2 indirect emissions, we quantified the amount of purchased utilities (e.g., electricity, steam) for Celanese owned or operated manufacturing facilities, excluding administrative locations, the use of temporary power to operate equipment, remediation activities at offsite activities, and other maintenance activities occurring offsite (e.g., pipeline activities), combined with published or site-specific emission factors of sources of steam and electricity purchased from third parties.

Scope 3
Our next priority is to assess and develop a reduction strategy using our enhanced set of emission sources and commercially available abatement technologies. Celanese is committed to understanding our Scope 3 emissions sources and is developing a framework and roadmap to identify, quantify, and collect Scope 3 emissions.

Adjustments
Celanese also manufactures steam and electricity for onsite, collocated site partners and electrical grid systems not owned or operated by Celanese. These Scope 1 emissions were calculated for the volume of steam and electricity sold to third parties using the calculation methodologies specified in The Greenhouse Gas Protocol, Allocation of GHG Emissions from a combined heat and power (CHP) plant, where steam and/or electricity is sold. Net Scope 1 and Scope 2 emissions were then estimated by aggregating gross Scope 1 and gross Market-based Scope 2 emissions less emissions attributable to utilities sold to external parties.

ENVIRONMENT
Our global Waste Management Program identifies opportunities to reduce waste, starting with high-volume/high-cost waste streams.

WASTE MANAGEMENT PROGRAM
Our global Waste Management Program identifies opportunities to reduce waste, starting with high-volume/high-cost waste streams.

CUSTOMER SOLUTIONS
### Human Capital Metrics

<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Board Members Who Are Women or Multicultural</td>
<td>-</td>
<td>-</td>
<td>50</td>
<td>54.5</td>
</tr>
<tr>
<td>% Senior Leadership Who Are Women</td>
<td>-</td>
<td>-</td>
<td>43</td>
<td>37.5</td>
</tr>
<tr>
<td>% U.S. Management Who Are People of Color</td>
<td>-</td>
<td>-</td>
<td>29</td>
<td>34</td>
</tr>
<tr>
<td>Average Employee Age</td>
<td>-</td>
<td>-</td>
<td>44</td>
<td>43</td>
</tr>
<tr>
<td>% Overall Voluntary Attrition Rate</td>
<td>-</td>
<td>-</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>% Global Employees Represented by Unions, Work Councils, or Both</td>
<td>-</td>
<td>-</td>
<td>50</td>
<td>46</td>
</tr>
<tr>
<td>% Of Women in Global Workforce</td>
<td>-</td>
<td>-</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>% Of People of Color in U.S. Workforce</td>
<td>-</td>
<td>-</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td>DISCLOSURE</td>
<td>METRIC</td>
<td>SASB</td>
<td>2020</td>
<td>2021</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------------------------------</td>
<td>-----------------------------------</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td>Safety Metrics</td>
<td>Recordable Lost Time (LTIR)</td>
<td>-</td>
<td>0.07</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>Fatality Rate</td>
<td>-</td>
<td>0.02</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>Days Away Restricted Time (DART)</td>
<td>-</td>
<td>0.12</td>
<td>0.12</td>
</tr>
<tr>
<td></td>
<td>Total Recordable Incident Rate (TRIR)</td>
<td>RT-CH-320a.1</td>
<td>0.21</td>
<td>0.17</td>
</tr>
<tr>
<td></td>
<td>Fatality Rate for Direct Employees</td>
<td>RT-CH-320a.1</td>
<td>0.01</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>Fatality Rate for Contract Employees</td>
<td>RT-CH-320a.1</td>
<td>0.03</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>Description of Efforts to Assess, Monitor, and Reduce Exposure of Employees and Contract Workers to Long-term (Chronic) Health Risks</td>
<td>RT-CH-320a.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description of Efforts to Assess, Monitor, and Reduce Exposure of Employees and Contract Workers to Long-term (Chronic) Health Risks</td>
<td>RT-CH-320a.2</td>
<td>2020/21 Sustainability Report, Workforce Health and Safety</td>
<td>2021–2022 Sustainability Report, Investing in Our People and Our Communities</td>
</tr>
<tr>
<td>Operational Safety, Emergency Preparedness and Response</td>
<td>Process Safety Incidents Count (PSIC)</td>
<td>RT-CH-540a.1</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>Tier 1 &amp; 2 Process Safety Incident Rates (per 200,000 hours)</td>
<td>RT-CH-540a.1</td>
<td>.077</td>
<td>0.137</td>
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<tr>
<td></td>
<td>Process Safety Incident Severity Rate (PSISR)</td>
<td>RT-CH-540a.1</td>
<td>0.278</td>
<td>0.009</td>
</tr>
<tr>
<td></td>
<td>Number of Transport Incidents</td>
<td>RT-CH-540a.2</td>
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<td>11</td>
</tr>
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### Community Investment

<table>
<thead>
<tr>
<th>DISCLOSURE</th>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volunteer Hours</td>
<td>-</td>
<td>-</td>
<td>199,000</td>
<td>120,000</td>
</tr>
<tr>
<td>$ Amount Contributed to Community Organizations</td>
<td>-</td>
<td>-</td>
<td>~$2.1 million</td>
<td>~$1.6 million</td>
</tr>
<tr>
<td>Discussion of Engagement Processes to Manage Risks and Opportunities Associated with Community Interests</td>
<td>RT-CH-210a.1</td>
<td>2020/21 Sustainability Report, Community Relations</td>
<td>2021–2022 Sustainability Report, Investing in Our People and Our Communities</td>
<td></td>
</tr>
</tbody>
</table>

### CALIFORNIA TRANSPARENCY ACT

We prohibit child labor, forced labor, or other forms of abuse, and we expect all employees and partners to comply with this policy.

### DONATIONS AND VOLUNTEERING

The Celanese Foundation is an employee-led non-profit (501(c)(3)). We also have a formalized employee volunteer program, with 16 hours of paid volunteer time per year for every employee.

### ENVIRONMENTAL, HEALTH, OCCUPATIONAL SAFETY, AND PROCESS SAFETY

**SASB: RT-CH-320a.2**

We provide numerous resources to promote greater awareness of safety measures, protecting our environment, and maintaining compliance with applicable regulations. We have also engaged in the following activities to enhance process safety:

- Sponsoring student Process Safety Boot Camps at selected universities through American Institute of Chemical Engineers (AIChE) Center for Chemical Process Safety (CCPS).
- Helping to define process safety knowledge management and dissemination to industry through leadership roles on the CCPS planning and technical steering committees.
- Having a Celanese employee on Southern University’s Process Technology (PTEC) Advisory board (Louisiana).
- Providing process safety lectures in Louisiana State University’s Chemical Engineering Plant Design courses.
- Engaging AIChE’s Safety and Health Division executive leadership committee to advance process safety objectives in industry.

### ENVIRONMENTAL, HEALTH, SAFETY, QUALITY, AND PUBLIC POLICY COMMITTEE CHARTER

**SASB: RT-CH-320a.2**

Our EHSQPP Committee oversees our practices and maintains oversight responsibility for environmental, health, and safety topics. See additional details about membership and authority of the committee in the charter, which outlines the purpose and expectations.
EMPLOYEE WELLNESS PROGRAMS
To further support our diverse workforce, Celanese provides relevant health and welfare benefits across the globe for our employees and their families. In the U.S., our Celanese-sponsored medical plan covers approximately 97% of our employees, and we provide basic life coverage to all eligible employees. Celanese also pursues opportunities to continually invest in the well-being of our employees and offers benefits that promote physical, mental, and financial health. During the COVID-19 pandemic, we further increased our investments in our global employee total well-being program as part of our three-pronged approach focusing on physical, mental, and financial health.

Below is a representative example of the cornerstone programs available to U.S. Employees:

Physical
- A wellness program that promotes annual physicals and health screenings, with 94% usage.
- A smoking cessation assistance program.
- Access to medical second opinions.
- Virtual physical therapy to assist with chronic musculoskeletal pain.
- A diabetes management program that includes a free meter and unlimited strips that connects participants with real-time certified coaches.
- A program to help employees manage hypertension that includes a blood pressure monitor, one-on-one coaching, and lifestyle tips.

Mental
- Access to free mental health care, both virtual and at a clinician’s office, through our 24/7, confidential employee assistance program.
- Our People Care Program, which aids employees impacted by a disaster, helps with immediate needs, and provides access to resources to assist with recovery.
- A Mindfulness Coaching Program that helps build resilience and inner strength as well as offering new tools to manage stress.

Financial
- In addition to our 401(k)-retirement plan, which includes 100% matching up to 6% of eligible pay, we provide an additional 5% annual retirement contribution for every eligible U.S. employee.
- An Employee Stock Purchase Plan that offers employees discounts on Celanese stock.
- Backup child or adult care subsidized by Celanese for those times when employees need help immediately.
- Adoption assistance that helps defray agency fees, court costs and legal fees for employees adopting a child.
- Voluntary coverage that helps employees locate attorneys and pay for legal help.

HUMAN RIGHTS AND EQUALITY POLICY
We implemented a new Uyghur Forced Labor Prevention Act (UFLPA) program. This program tracks our purchases buying or shipping from the Xinjiang region of China or engaging in business with entities on the restricted entity list. We have also recently updated our U.K. Modern Slavery Statement and our Human Rights Policy to reflect various changes to laws, including addressing the UFLPA and the German Supply Chain Acts, as well as our own evolving best practices. Additionally, Celanese has implemented plans related to the conflict between Russia and Ukraine to manage compliance in that region.

WALK THE LINE PROGRAM
Our Walk the Line program addresses human performance through operational discipline. We freely share this program within our industry and shared data indicates that we are contributing to reductions in process safety incidents.
Operating With Integrity
Corporate Governance and Risk Management – Cybersecurity

**DISCLOSURE**

<table>
<thead>
<tr>
<th>METRIC</th>
<th>SASB</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management of the Legal and Regulatory Environment</td>
<td>Discussion of Corporate Positions Related to Government Regulations and/or Policy Proposals that Address Environmental and Social Factors Affecting the Industry</td>
<td>RT-CH-530a.1</td>
<td>2020/21 Sustainability Report, Chemical Safety</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2020/21 Sustainability Report, Operating With Integrity</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2021 CDP Climate Change Response</td>
</tr>
</tbody>
</table>

**OUR BOARD AND COMMITTEE MEMBERSHIP CHART**

Our Board consists of 11 individuals with decades of experience in the chemical manufacturing industry. In addition to their expertise in chemical manufacturing, they bring a depth of expertise in healthcare, technology, and risk management.

**BUSINESS CONDUCT AND ETHICS POLICIES**

At Celanese, we strive to conduct our business with integrity and hold ourselves accountable to the highest ethical standards. The following policies serve as the foundation for how we conduct business and compete in our industry.

**Anti-Corruption Policy**

- Accurate and Complete Accounting Records
- Bribery of Government Officials
- Celanese-Sponsored Events Guidance
- Commercial Bribery
- Due-Diligence Onboarding Process and Contracts
- Gifting Guidelines and Improper Influence
- Hiring Third-Party Intermediaries and Red Flags
- Meals and Entertainment Guidance
- Monitoring Third-Party Intermediaries
- Prohibition Against Bribery
- Tips for Reviewing Third-Party Intermediary Invoices
- Travel Guidance

**Business Conduct Policy**

- Communication Guidelines
- Confidential Information
- Conflicts of Interest
- Equal Opportunity and Diversity
- External Communications
- Financial Integrity and Fraud
- Information Management
- Insider Trading
- Intellectual Property
- Investigations
- Labor Practices and Human Rights
- Protecting Information of Others
- Respectful Workplace
- Social Media Guidelines
- Trade Compliance
BUSINESS CONDUCT AND ETHICS POLICIES (CONT.)

Competition Law Policy

- Bundling and Tying
- Careful Communications
- Distributor Arrangements
- Exchanging Information with Competitors, Customers, and Suppliers
- General Guidelines for Meeting with Competitors
- Guidelines for Intelligence Gathering
- Guidelines for Public Announcements
- Intellectual Property Considerations
- Managing Global Affiliates
- Market Allocation and Asset Utilization
- Mergers, Acquisitions, and Joint Ventures
- Non-Disparagement of Competitors
- Other Types of Collaborations Among Competitors
- Output Contracts, Reciprocal Agreements and MFNs
- Predatory, Excessive or Discriminatory Pricing
- Price Fixing and Bid Rigging
- Rebates
- Supplier Selection
- Swaps, Co-Supply, Offtake, and Tolling Agreements
- Trade Associations and Publications
- Careful Communications
- Exchanging Information with Competitors, Customers, and Suppliers
- General Guidelines for Meeting with Competitors
- Guidelines for Intelligence Gathering
- Guidelines for Public Announcements
- Intellectual Property Considerations
- Managing Global Affiliates
- Market Allocation and Asset Utilization

Financial Code of Ethics

COMPILATION QUARTERLY TRAININGS

In 2021, we hosted quarterly trainings which included three 30-minute sessions per topic. Approximately 1,000 attendees per topic for the optional training. The topics included:

- Anti-Corruption Training
- Competing Ethically
- Cybersecurity and Compliance
- Respectful Workplace Training

COMPILATION MOMENTS

The Compliance Moments are monthly emails sent to all employees within the company except those on leave. In 2021, we sent information on the following topics:

- Anti-Corruption
- Balancing Performance, Pressure, and Compliance
- Business Conduct Posters and Ethics Helpline
- Careful Communications
- Compliance Rules of the Road
- Conflicts of Interest
- Cybersecurity
- Gifts and Entertainment
- Record Retention Policy
- Respectful Workplace
- Unethical Behavior

CORPORATE GOVERNANCE POLICIES

At Celanese, we are committed to maintaining effective corporate governance systems and have several policies in place that promote the long-term interests of our stakeholders, accountability, and public trust in the Company.

Audit Committee Charter

Certificate of Amendment: Board Declassification

Certificate of Amendment: Removal of Directors

Certificate of Amendment: Common Stock

Compensation and Management Development Committee Charter

Corporate Governance Guidelines

Director Independence Standards

Lead Independent Director Policy

Nominating and Corporate Governance Committee Charter

Second Amended and Restated Certificate of Incorporation

Sixth Amended and Restated Bylaws

THE ESG COUNCIL MEMBERS & RESPONSIBILITIES

Our ESG Council consists of a cross-functional team of senior leaders from each Company function and region. Chaired solely by our Senior Vice President and General Counsel, the ESG Council meets monthly to develop our strategy and make recommendations to executive leadership on key developments and next steps. The Council receives input from our 10 expert committees with experience across ESG priority topics and makes recommendations on best-practice standards and reporting, including KPIs and objectives for our priority topics. The Council continues to recommend new or updated targets and reporting as regulations, technology, and stakeholder interest continue to evolve.
POLITICAL ENGAGEMENT POLICY

Celanese strives to offer fair and transparent educational advocacy programs to acquaint elected officials with the work we do, the jobs we create, and the people behind the innovative solutions our company produces. Our policy promotes compliance with and advises Celanese directors, officers, and employees of their responsibilities and restrictions while engaging in the political process.

POLITICAL CONTRIBUTIONS
Celanese does not engage in any direct political spending; however, we believe it is in the best interest of the Company and its stockholders to participate in the political process.

INFORMATION AND CYBERSECURITY PROTECTIONS
Celanese is committed to protecting the data privacy rights of our colleagues, business partners, and other parties and managing personal data in accordance with applicable privacy laws and Company policies.

STAKEHOLDER ENGAGEMENT
We regularly engage in dialogue with our customers, employees, shareholders, suppliers, and communities across priority topics to ensure that our sustainability approach reflects their key interests. For example, our shareholder outreach program provides a forum for feedback on our approach to sustainability priority topics by communicating directly with management and Board members. Shareholder feedback has informed our climate policy and disclosures, approach to governance, and other developments. We plan to further engage our customers, employees, shareholders, suppliers, and communities strategically across our priority topics.
CERTAIN INFORMATION AND USE OF ESTIMATES

The historical information in this Sustainability Report primarily focuses on the operations of Celanese Corporation and its wholly owned subsidiaries for the fiscal and calendar year ended December 31, 2020, unless otherwise indicated in a specific context. Certain data points and metrics include information from years prior to 2020, where available, to illustrate historical performance and trends. Historical data reflects estimates and may be based on assumptions. The report uses qualitative descriptions and quantitative metrics to describe certain products, policies, and performance. The quantitative data related to the sustainability of our operations were collected through internal processes, instrumentation, engineering estimates, and other methods available to us. Many of the standards, methods, and metrics used in preparing this report and the metrics contained herein continue to evolve. Therefore, consistent with the continuous improvement approach that we routinely bring to our operations, we anticipate that our methods of collecting, and reporting data may be modified or improved in the future to the extent that we have access to improved reporting methods, technology, or systems. Our internal auditors have assessed certain information in conformance with The Institute of Internal Auditors International Standards for the Professional Practice of Internal Auditing, including verification that supporting documentation exists where applicable.

THIRD-PARTY ASSURANCE AND INTERNAL AUDIT DATA VALIDATION

ERM CVS provided limited assurance of our environmental 2021 baseline targets for GHG, energy, water, and waste provided in this report and undertaken in accordance with International Standard for Assurance Engagements ISAE 3000 (Revised). The Company's Internal Audit (IA) function validated various metrics provided in the 2021 Sustainability Report. Specifically, IA focused on data related to the areas of Community Relations, Human Resources, Process Safety, Workforce Health & Safety, Supplier Diversity and Environmental. For these areas, the validation methodology included tracing the numbers provided back to the respective source systems (e.g., the Company’s environmental tracking system or other applicable system). IA did not reconcile metrics with the underlying source data. For environmental metrics, the validation also included a review of submitted supporting documentation with subsequent reconciliation to the reported metrics. Additionally, IA performed a controls review of the newly implemented environmental data collection and reporting system against new procedures implemented in early 2021. ERM Certification and Verification Services, Inc. (‘ERM CVS’) was engaged by The Celanese Corporation to provide assurance in relation to the indicators presented in its 2021-2022 Sustainability Report and Index for the year ending December 31, 2021. Please see the ERM CVS Independent Assurance Statement to The Celanese Corporation.
FORWARD-LOOKING STATEMENTS AND OTHER IMPORTANT INFORMATION

Statements in this Sustainability Report that are not historical facts or information are "forward-looking statements" within the meaning of the United States federal securities laws. These forward-looking statements include information concerning the Company’s plans, forecasts, objectives, goals, strategies, and other estimates regarding future events. These statements can generally be identified by words such as “believe,” “expect,” “intend,” “estimate,” “anticipate,” “project,” “plan,” “aim,” “strategy,” “commit,” “target,” “goal,” “objective,” “pledge,” “may,” “can,” “could,” “might,” “will,” and similar expressions. All forward-looking statements are aspirational and are based upon current expectations and beliefs and various assumptions and are not guarantees of future performance or that targets or goals will be met. There are a number of risks and uncertainties that could cause actual results and events to differ materially from those reflected in the forward-looking statements contained in this report, and all forward-looking statements should be evaluated with consideration of those risks. Any forward-looking statement speaks only as of the date of this report, and the Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances occurring, or information learned after the date of this report, whether to reflect new information, future events, changes in our expectations, or other occurrence of anticipated or unanticipated events or circumstances. However, any future public statements or disclosures by Celanese that modify or impact any of the forward-looking statements in this report shall modify or supersede such applicable statements in this report.

This Sustainability Report is provided for informational purposes only. Topics and information we considered relevant and useful for inclusion in this Sustainability Report, and for influencing our ESG strategy, may not be considered material for Securities and Exchange Commission (SEC) reporting purposes or for purposes of making or influencing an investment or securityholder voting decision.

DESCRIPTIONS OF PRODUCTS

This report contains information about certain Celanese products and processes that is provided in good faith and that we believe may be helpful to readers in understanding our initiatives and the impacts of certain of our commercial activities. No warranty, representation, guarantee, or legally binding product description of any kind is created by any such information.

ANY INFORMATION HEREIN REGARDING OUR PRODUCTS IS PROVIDED “AS IS,” AND CELANESE MAKES NO REPRESENTATION OR WARRANTY WHATSOEVER WITH RESPECT TO SUCH INFORMATION, WHETHER EXPRESS, IMPLIED, OR OTHERWISE, INCLUDING BUT NOT LIMITED LIMITED TO, ITS ACCURACY, ITS FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT.

No product information or references herein should be considered a promise or guarantee of any specific properties of any such product(s) or their suitability for a particular application. All customers and potential customers must make their own determinations as to any product(s)’ suitability for use for any desired application. Nothing in this report should be construed as an amendment to or modification of any terms and conditions of sale under any contract in place between Celanese and any third party; or any representation, guarantee, or warranty regarding any product(s) described herein or such product(s)’ characteristics, uses, suitability, safety, efficacy, hazards, or health effects. Any liability or responsibility for such product(s) shall be governed solely by, and any and all representations, guarantees, warranties regarding such product(s) shall be solely as set forth in, the sales contract or invoice documentation applicable to the sale of such product(s).