

## Appendix A GRI Content Index

Barnes Group Inc. has reported the information cited in this GRI content index for the period beginning January 1, 2022 through December 31, 2022 with reference to the following GRI Universal Standards (2021): GRI 1: Foundation (2021), selected GRI 2: General Disclosures (2021), the complete or partial content for GRI 3: Material Topics (2021), and the complete or partial content of the following topic-specific disclosures: Disclosures 302-1 and 302-4 from GRI 302: Energy (2016); Disclosure 303-3 from GRI 303: Water and Effluents (2018); Disclosures 305-1 and 305-2 from GRI 305: Emissions (2016); Management Disclosures 306-1 and 306-2 for GRI 306: Waste (2020); Management Disclosure 403-2, and Disclosure 403-9 from GRI 403: Occupational Health & Safety (2018); Disclosure 404-2 from GRI 404: Training and Education (2016); Disclosure 405-1 from GRI 405: Diversity and Equal Opportunity (2016); Disclosure 413-1 from GRI 413: Local Communities (2016); Disclosure 416-1 from GRI 416: Customer Health and Safety (2016).

This GRI Content Index Cross-references sections of this Environmental, Social and Governance Report (ESG) and public documents that contain relevant data, including [2022 Form 10-K](#), [2022 Proxy Statement](#) and our website, [onebarnes.com](http://onebarnes.com).

GRI 1: Foundation 2021	
GRI 2: General Disclosures 2021	ESG Report Page Number/Direct Response/Other Source URL
2-1 Organizational details	Barnes Overview, page 4-5 <a href="#">Barnes Global Locations</a> <a href="#">2022 Form 10-K, pages 1 - 2</a> <a href="#">About Barnes</a>
2-2 Entities included in the organization’s sustainability reporting	<a href="#">2022 Form 10-K, Exhibit 21</a> ESG metrics represent an aggregate of facilities larger than 20,000 square feet. Smaller facilities contribute a de minimis amount and are not reported.
2-3 Reporting period, frequency and contact point	Barnes publishes an annual ESG Report which covers the calendar year and was published in March 2023 Barnes publishes an annual financial report which covers the calendar year and was published in February 2023. Barnes’ ESG Contact information is provided on page 32.
2-4 Restatements of information	We have made no material restatements of information provided in previous Reports
2-5 External assurance	Barnes does not have a policy for seeking external assurance on its Sustainability report or this GRI Index. The Barnes Internal Audit Department reviews source documents to validate the content of the ESG Report.
2-6 Activities, value chain and other business relationships	Barnes Overview, pages 4-5 <a href="#">Barnes Businesses</a> <a href="#">2022 Form 10-K, Part 1, Part 2 Item 8, page 82</a>
2-7 Employees	Diversity and Inclusion, page 27 <a href="#">2022 Form 10-K, Part 1, page 2</a>
2-8 Workers who are not employees	<a href="#">BarnesWORX</a> - Employees of the BarnesWORX™ Community are freelancers who prefer flexible and primarily virtual work arrangements. Their work is project-based, which allows them to specialize while also contributing to Barnes’ larger objectives.

2-9 Governance structure and composition	<p>Governance, page 6  <a href="#">2022 Form 10-K, Part 1, Item 1, page 4</a>  <a href="#">2022 Proxy Statement: Governance, pages 4 – 7, 12 – 25</a></p>
2-10 Nomination and selection of the highest governance body	<p><a href="#">2022 Proxy Statement: Governance, pages 4 - 7, 12, 22, 72</a>  The Compensation and Management Development Committee (as noted in its charter) oversees the Company’s efforts to ensure Barnes is seeking, developing, and retaining human capital appropriate to support the ongoing transformation of the Company, drive business performance, foster diversity, equity, and inclusion across the organization, and support the successful execution of the Company’s growth strategy. Further, the Board of Directors intends the Corporate Governance Committee to serve as its focal point for matters related to the members of the Board of Directors of the Company, including their nomination, and the corporate governance affairs of the Company. Directors who serve on the Corporate Governance Committee "Recommend to the Board for its approval the criteria and qualifications for membership and continued service on the Board, including any specific, minimum qualifications that the Committee believes must be met by a nominee for a position on the Board, and any specific qualities or skills that the Committee believes are necessary for one or more of the Directors to possess, the appropriate number of Directors, the appropriate balance of skills and characteristics among Directors, and the retirement policy for Directors" and, "Recommend to the Board for its approval the criteria and qualifications for membership and continued service on the Board, including any specific, minimum qualifications that the Committee believes must be met by a nominee for a position on the Board, and any specific qualities or skills that the Committee believes are necessary for one or more of the Directors to possess, the appropriate number of Directors, the appropriate balance of skills and characteristics among Directors, and the retirement policy for Directors." As listed in Barnes Group Proxy Statement, the Qualifications/Attributes/Experience of Directors include Global Business; Manufacturing/Operational; Aerospace, Industrial, Medical/Pharma, Automation, Robotics or Plastics End-Markets; Government/Regulatory; Talent Management/Development; Technology/Innovation; Marketing/Branding; Risk Management/Oversight; Current/Past Board Committee Chair; Prof. License/ MBA/Econ. or Engineering Degree.  <a href="#">Compensation and Management Development Committee Charter</a></p>
2-11 Chair of the highest governance body	<p><a href="#">2022 Proxy Statement: pages 13, 21</a>  Our Board has chosen to separate the roles of Chief Executive Officer and Chairperson of the Board. Mr. Dempsey is our Chief Executive Officer and Director Thomas O. Barnes is our Chairman. As Chief Executive Officer, Mr. Dempsey is responsible for day-to-day management of the Company and the overall execution of our strategy. As Chairman, Thomas O. Barnes presides at meetings of the Company’s stockholders and Board of Directors, and is responsible for director orientation and continuing education and review of Board committee assignments and consideration of Chair rotation in conjunction with the Corporate Governance Committee, among other responsibilities as set forth in our Corporate Governance Guidelines and Bylaws.  <a href="#">Corporate Governance Committee Charter</a>  <a href="#">By-Laws</a></p>
2-12 Role of the highest governance body in overseeing the management of impacts	<p>Governance, page 6,  <a href="#">2022 Proxy Statement: pages 7- 25</a></p>
2-13 Delegation of responsibility for managing impacts	<p>Governance, page 6,  <a href="#">2022 Proxy Statement: page 7</a>  <a href="#">Charter-for-ESG-Committee</a></p>
2-14 Role of the highest governance body in sustainability reporting	<p>Governance, page 6,  <a href="#">2022 Proxy Statement: pages 7, 22</a>  The Board exercises governance over ESG reporting through its Audit Committee. The Audit Committee (as noted in its charter) reviews and discusses with management the ESG reporting process, climate related metrics, and management’s evaluation of the</p>

	adequacy and effectiveness of controls for related disclosures. <a href="#">Audit Committee Charter</a>
2-15 Conflicts of interest	<a href="#">2022 Proxy Statement: pages 23 - 24</a> The Corporate Governance Committee makes recommendations concerning Board membership, functions and director compensation and the Company's overall corporate governance policies and practices. The Corporate Governance Committee serves as the nominating committee for the Board. Additional responsibilities include board succession matters, the annual performance review of the Chairman of the Board, reviewing matters relating to potential director conflicts of interest and director independence, overseeing the Company's practices related to political activities and the engagement with the Company's stockholders on topics of environmental, social and governance matters, and administering the Company's related person transactions policy. <a href="#">Corporate Governance Committee Charter Code of Conduct, page 8</a>
2-16 Communication of critical concerns	<a href="#">2022 Proxy Statement: page 25</a> We have posted our Policy Regarding Reporting of Complaints and Concerns on our website. All complaints and concerns reported will be received by a third-party provider, who will forward each complaint or concern to the Office of the General Counsel which is responsible for relaying communications to the Board. The Chair of the Audit Committee receives regular summary reports of all reported complaints and concerns. We believe it is critical to maintain a connection with our stockholders. We reach out to our largest institutional stockholders twice per year and invite them to speak with us regarding governance matters, including ESG, and compensation practices, to ensure we know what our stockholders' top priorities are in those areas. In 2021, we continued this outreach. During those outreach conversations, we highlighted our ESG program enhancements, human capital management, key governance practices including the Company's focus on director refreshment and diversity, limitations on simultaneous public board service, and aspects of our current executive compensation program. <a href="#">EthicsPoint - Barnes Group Inc.</a>
2-17 Collective knowledge of the highest governance body	<a href="#">2022 Proxy Statement: pages 4-5, 13-18.</a> Corporate Governance Guidelines require directors to attend education programs and briefing sessions. As listed in Barnes Group Proxy Statement, the Qualifications/Attributes/Experience of Directors include Global Business; Manufacturing/Operational; Aerospace, Industrial, Medical/Pharma, Automation, Robotics or Plastics End-Markets; Government/Regulatory; Talent Management/Development; Technology/Innovation; Marketing/Branding; Risk Management/Oversight; Current/Past Board Committee Chair; Prof. License/ MBA/Econ. or Engineering Degree.
2-18 Evaluation of the performance of the highest governance body	Directors who serve on the Audit Committee (as noted in its charter) review and discuss with management the ESG reporting process, climate related metrics, and management's evaluation of the adequacy and effectiveness of controls for related disclosures. Also, the Audit Committee shall "annually, evaluate the performance of this Committee, including a review of the Committee's compliance with this Charter. Annually, review and assess the adequacy of this Charter and recommend any proposed changes to the Board for approval." <a href="#">Audit Committee Charter Charter-for-ESG-Committee</a>
2-19 Remuneration policies	<a href="#">2022 Proxy Statement: pages 25 - 47</a>
2-20 Process to determine remuneration	Recognize, page 25 <a href="#">2022 Proxy Statement: pages 25 - 47</a>
2-21 Annual total compensation ratio	<a href="#">2022 Proxy Statement: pages 25 - 47</a>
2-22 Statement on sustainable development strategy	Letter From Our CEO, page 4
2-23 Policy commitments	Climate Risks and Opportunities, pages 8-9; Barnes Values, page 7;

	Policies and Procedures, page 7; Respecting Human Rights, page 8 <a href="#">Barnes Values</a> <a href="#">Code of Conduct</a> <a href="#">Supplier Code</a> <a href="#">Barnes Human Rights Policy</a>	
2-24 Embedding policy commitments	<a href="#">Code of Conduct</a> <a href="#">Supplier Code</a> <a href="#">Barnes Enterprise System</a> <a href="#">EthicsPoint - Barnes Group Inc.</a>	
2-25 Processes to remediate negative impacts	<a href="#">EthicsPoint - Barnes Group Inc.</a> <a href="#">Code of Conduct</a> <a href="#">Supplier Code</a> <a href="#">Barnes Enterprise System</a>	
2-26 Mechanisms for seeking advice and raising concerns	Barnes Values, page 7; Policies and Procedures, page 7; Respecting Human Rights page 8 <a href="#">Code of Conduct, page 6</a> <a href="#">EthicsPoint - Barnes Group Inc.</a>	
2-27 Compliance with laws and regulations	Environmental Compliance is managed by our Health, Safety and Environmental Affairs (HSE) program, page 13 <a href="#">Code of Conduct</a> <a href="#">Supplier Code</a>	
2-28 Membership associations	Amaplast Fraunhofer AIDAM AIB Global network - Swiss Business Hubs Swissmem - Hänggi SwissVR - Board Member Association Swiss Medtech IHS Markit Precision Metalforming Association SINDIPECAS SMI	Plastics Industries Association Aerospace Industries Association Aerospace Components Manufacturers (CT) Manufacturers Alliance for Productivity and Innovation (MAPI) Connecticut Business and Industry Association National Union of Automotive Vehicle Components Producers; WVIB (Wirtschaftsverband Industrieller Unternehmen Baden e.V.) Svenskt Näringsliv ("The Confederation of Swedish Enterprise") AUSA (The association of the United States Army) Association of Swiss Suppliers of Metalwork's Industrieverband Blechumformung e.V. (IBU) National Association of Manufacturers
2-29 Approach to stakeholder engagement	Letter From Our CEO, page 4; Reporting Frameworks, page 8; Manufacturing Day, page 22; Global Employee Engagement Survey, page 24; Recognize, page 25 <a href="#">2022 Proxy Statement: page 25</a>	
2-30 Collective bargaining agreements	Approximately 30% of our employees are covered by collective bargaining agreements, trade union agreements and/or national industry agreements. <a href="#">2022 Form 10-K: page 12</a>	

GRI 3: Material Topics (2021)	ESG Report Page Number/Direct Response/URL																		
3-1 Process to determine material topics	ESG at Barnes, page 5; Reporting Frameworks, page 8 <a href="#">Barnes Enterprise System</a>																		
3-2 List of material topics	<p>There were no significant changes in our priority issues since our last report. <a href="#">2022 Form 10-K: Item 1A.</a></p> <table border="1" data-bbox="657 443 1581 768"> <thead> <tr> <th data-bbox="657 443 1102 475">Priority Issues for Barnes</th> <th data-bbox="1102 443 1581 475">Corresponding GRI Topic-Specific Standards</th> </tr> </thead> <tbody> <tr> <td data-bbox="657 475 1102 516">Energy Conservation &amp; Renewable Energy</td> <td data-bbox="1102 475 1581 516">GRI 302: Energy &amp; GRI 305: Emissions</td> </tr> <tr> <td data-bbox="657 516 1102 557">Water Conservation</td> <td data-bbox="1102 516 1581 557">GRI 303: Water and Effluents</td> </tr> <tr> <td data-bbox="657 557 1102 589">Waste Management &amp; Recycling</td> <td data-bbox="1102 557 1581 589">GRI 306: Waste</td> </tr> <tr> <td data-bbox="657 589 1102 621">Safety</td> <td data-bbox="1102 589 1581 621">GRI 403: Employee Health and Safety</td> </tr> <tr> <td data-bbox="657 621 1102 654">Employee Development and Engagement</td> <td data-bbox="1102 621 1581 654">GRI 404: Training and Education</td> </tr> <tr> <td data-bbox="657 654 1102 695">Diversity and Inclusion</td> <td data-bbox="1102 654 1581 695">GRI 405: Diversity and Equal Opportunity</td> </tr> <tr> <td data-bbox="657 695 1102 727">Community</td> <td data-bbox="1102 695 1581 727">GRI 413: Local Communities</td> </tr> <tr> <td data-bbox="657 727 1102 768">Product Safety</td> <td data-bbox="1102 727 1581 768">GRI 416: Customer Health and Safety</td> </tr> </tbody> </table>	Priority Issues for Barnes	Corresponding GRI Topic-Specific Standards	Energy Conservation & Renewable Energy	GRI 302: Energy & GRI 305: Emissions	Water Conservation	GRI 303: Water and Effluents	Waste Management & Recycling	GRI 306: Waste	Safety	GRI 403: Employee Health and Safety	Employee Development and Engagement	GRI 404: Training and Education	Diversity and Inclusion	GRI 405: Diversity and Equal Opportunity	Community	GRI 413: Local Communities	Product Safety	GRI 416: Customer Health and Safety
Priority Issues for Barnes	Corresponding GRI Topic-Specific Standards																		
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Diversity and Inclusion	GRI 405: Diversity and Equal Opportunity																		
Community	GRI 413: Local Communities																		
Product Safety	GRI 416: Customer Health and Safety																		
Topic-Specific Disclosures	Report Page Number/Direct Response/Other Source URL																		
GRI 302: Energy 2016																			
3-3 Management of Material Topics	<p>See Disclosure 305 – Emissions 2016 for Energy-related disclosures Reporting Frameworks, page 8; Climate Risks and Opportunities, page 8-9; Reducing Global Emissions, page 10; Improving Fuel Efficiency, page 11; Vehicle Electrification, page 12; Health Safety and Environmental Affairs (HSE), page 13; Environment, page 15; Energy Conservation, pages 18-19; Renewable Energy at Barnes, page 19; <a href="#">Code of Conduct: page 18</a> <a href="#">Barnes Enterprise System</a> <a href="#">2022 Proxy Statement: Targets, page 7</a></p>																		
302-1 – Energy consumption within the organization	Barnes Scope 1 & Scope 2 GHG Emissions, page 15; Renewable Energy at Barnes, page 18																		
302-4 – Reduction of energy consumption	Environment, page 15; Energy Conservation, pages 18-19;																		

**GRI 303: Water and Effluents 2018**

3-3 Management of Material Topics	Reporting Frameworks, page 8; Climate Risks and Opportunities, page 8-9; Health Safety and Environmental Affairs (HSE), page 13; Environment, page 15; Water Conservation, page 17–18 <a href="#">Code of Conduct: page 18</a> <a href="#">Barnes Enterprise System</a> <a href="#">2022 Proxy Statement: Targets, page 7</a>
303-3 – Water withdrawal	Barnes Water Usage, page 15; Water Conservation, page 17–18

**GRI 305: Emissions 2016**

3-3 Management of Material Topics	Reporting Frameworks, page 8; Climate Risks and Opportunities, page 8-9; Reducing Global Emissions, page 10; Improving Fuel Efficiency, page 11; Vehicle Electrification, page 12; Health Safety and Environmental Affairs (HSE), page 13; Environment, page 15; Energy Conservation, pages 18-19; Renewable Energy at Barnes, page 19 <a href="#">Code of Conduct: page 18</a> <a href="#">Barnes Enterprise System</a> <a href="#">2022 Proxy Statement: Targets, page 7</a>
305-1 – Direct Scope 1 GHG emissions	Barnes Scope 1 & Scope 2 GHG Emissions, page 15
305-2 – Indirect Scope 2 GHG emissions	Barnes Scope 1 & Scope 2 GHG Emissions, page 15

**GRI 306: Waste 2020**

3-3 Management of Material Topics	Reporting Frameworks, page 8; Health Safety and Environmental Affairs (HSE), page 13; Environment, page 15; Mitigating Waste, page 10-11; Waste Management, page 16; Recycle, page 17 <a href="#">Code of Conduct: page 18</a> <a href="#">Barnes Enterprise System</a> <a href="#">2022 Proxy Statement: Targets, page 7</a>
306-1 – Waste generation and significant waste-related impacts	Environment, page 15; Waste Management, page 16; Recycle, page 17; Products, pages 9-12

306-2 – Management of significant waste- related impacts	Environment, page 15; Waste Management, page 16; Recycle, page 17; Products, pages 9-12
<b>GRI 403: Occupational Health and Safety 2018</b>	
3-3 Management of Material Topics	Reporting Frameworks, page 8; Health Safety and Environmental Affairs (HSE), page 13; Employee Well-being, page 25; Safety, page 14 <a href="#">2022 Proxy Statement: page 9</a> <a href="#">Code of Conduct: page 18</a> <a href="#">Barnes Enterprise System</a>
403-2 – Hazard identification, risk assessment, and incident investigation	Safety, page 14
403-9 – Work-related injuries	Safety, page 14
<b>GRI 404: Training and Education 2016</b>	
3-3 Management of Material Topics	Reporting Frameworks, page 8; The Barnes Talent Management System, page 20; NSBE Next Tech Scholarship, page 23 <a href="#">2022 Proxy Statement: page 9</a> <a href="#">Barnes Enterprise System</a>
404-2 – Programs for upgrading employee skills and transition assistance programs	Apprenticeships, Internship, and Co-op Programs, page 21; Manufacturing Day, page 22; Internships & Co-ops page 22; Barnes University Portal, page 24
<b>GRI 405: Diversity and Equal Opportunity 2016</b>	
3-3 Management of Material Topics	Reporting Frameworks, page 8; Diversity and Inclusion, page 27; NSBE Next Tech Scholarship, page 23 <a href="#">Code of Conduct</a> <a href="#">Culture and Diversity</a> <a href="#">Barnes Human Rights Policy</a> <a href="#">Barnes Enterprise System</a>
405-1 – Diversity of governance bodies and employees	Diversity and Inclusion, page 27 <a href="#">2022 Proxy Statement: pages 9, 25</a>
<b>GRI 413: Local Communities 2016</b>	
3-3 Management of Material Topics	Reporting Frameworks, page 8; Community, pages 29-32 <a href="#">Code of Conduct</a>

	<a href="#">2022 Proxy Statement: page 9</a> <a href="#">Barnes Enterprise System</a>
413-1 – Operations with local community engagement, impact assessments and development programs	Community, pages 29-32; Recognize, page 25
<b>GRI 416: Customer Health &amp; Safety 2016</b>	
3-3 Management of Material Topics	Reporting Frameworks, page 8; Products, pages 9-12; Product Safety, page 12 <a href="#">Code of Conduct</a> <a href="#">Barnes Enterprise System</a>
416-1 – Assessment of the health and safety impacts of product and service categories	Product Safety, page 12



## Appendix B

### SASB Framework Alignment

Barnes has aligned its ESG disclosure to the Sustainability Accounting Standards Board Standards (SASB) framework with the recommended metrics of the Industrial Machinery and Goods Standard (October 2018) specific to our primary industry as identified by the Sustainable Industry Classification System®(SICS®): Resource Transformation Sector – Industrial Machinery and Goods Industry. Below is a mapping of how our latest ESG disclosure aligns with the SASB framework.

**Table 1: Sustainability Disclosure Topics & Accounting Metrics**

Topic	Accounting Metric	Code	ESG Report Page Number/Other Source URL
<b>Energy Management</b>	(1) Total energy consumed as an aggregate figure in gigajoules (GJ), (2) percentage of consumed energy as grid electricity, (3) percentage of renewable energy consumed	RT-IG 130a.1	(1) Environment, Page 15 (2) & (3) Renewable Energy at Barnes, page 19
<b>Employee Health &amp; Safety</b>	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR)	RT-IG-320a.1	(1) - Safety, page 14 (2) - Safety, page 14 (3) – Our HSE program, described on page 13, tracks our NMFR, and does not disclose this figure externally.
<b>Fuel Economy &amp; Emissions in Use-phase</b>	Sales-weighted fleet fuel efficiency for medium- and heavy-duty vehicles	RT-IG-410a.1	Products, Page 9-12 While some of Barnes/ products are used in vehicles, the products themselves are not wholly responsible for fuel consumption.
	Sales-weighted fuel efficiency for non-road equipment	RT-IG-410a.2	Products, Page 9-12 The manufacturing process that Barnes uses to provide parts and components to its customers contributes to the overall efficiency of the end product; we do not report those emissions or savings.
	Sales-weighted fuel efficiency for stationary generators	RT-IG-410a.3	Products, Page 9-12 The manufacturing process that Barnes uses to provide parts and components to its customers contributes to the overall efficiency of the end product; we do not report those emissions or savings.

	Sales-weighted emissions of: (1) nitrogen oxides (NOx) and (2) particulate matter (PM) for: (a) marine diesel engines, (b) locomotive diesel engines, (c) on-road medium- and heavy-duty engines, and (d) other non-road diesel engines	RT-IG-410a.4	Products, Page 9-12 The manufacturing process that Barnes uses to provide parts and components to its customers contributes to the overall efficiency of the end product; we do not report those emissions or savings.
<b>Materials Sourcing</b>	Description of the management of risks associated with the use of critical materials.	RT-IG-440a.1	Barnes has built a strong supply chain, including intentional redundancy for critical materials. We strive to ensure multiple sources for critical materials, thereby substantially reducing potential risk for supply chain disruptions regarding critical materials. Furthermore, see Barnes' <a href="#">Conflict Minerals Policy</a>
<b>Remanufacturing Design &amp; Services</b>	Revenue from remanufactured products and remanufacturing services	RT-IG-440b.1	Products, pages 9-12 <a href="#">Barnes 2022 10-K, Part 2, Item 7</a> : The Aerospace Aftermarket business supplements jet engine OEMs' maintenance, repair and overhaul capabilities. Substantially all of our revenue in the Aerospace Aftermarket maintenance repair and overhaul business (within Aftermarket Products and Services) and a portion of the revenue for Engineered Components products, Molding Solutions products and Aerospace OEM products is recognized over-time. Revenue from products and services transferred to customers over-time accounted for approximately 20 percent of revenue for the year ended December 31, 2022. The Company recognizes revenue over-time in instances where a contract supports a continual transfer of control to the customer.

**Table 2: Activity Metrics**

Activity Metric	Code	Disclosure Location
<b>Number of units produced by product category</b>	RT-IG-000.A	Revenue generated by business segment is provided in <a href="#">Barnes 2022 10-K, Part 2, Item 8, Note 3</a>
<b>Number of employees</b>	RT-IG-000.B	Our Global Workforce, Page 20

**Appendix C**  
**UN Global Compact Index**

This document provides an overview of how Barnes has implemented the Ten Principles of the UN Global Compact (UNGC) across our business. We are committed to aligning our business practices to the 10 UNGC principles in the areas of human rights, labor, environment, and anti-corruption. This Report is in alignment with a UNGC Communications on Progress (COP). The Table below summarizes where in our 2022 ESG Report and other public documents our disclosure on each UNGC principle can be found.

UNGC Principles	Barnes Approach	ESG Report Page Number / Other Source URL	Cross-Reference to GRI Standards
<b>Human Rights</b>			
<p>1. Businesses should support and respect the protection of internationally proclaimed human rights.</p> <p>2. Business should make sure that they are not complicit in human right abuses.</p>	<p>Our Company respects and values the diversity reflected in our various backgrounds, experiences and ideas. Together, we provide each other with an inclusive work environment that fosters respect for all our employees and those with whom we do business. We also will never knowingly conduct business with any third parties who engage in human trafficking, forced labor or human rights abuses.</p> <p>We are guided by ‘<b>The Barnes Values</b>’, which are the cornerstone of the Company and the bedrock upon which Barnes has been built and sustained for over 165 years. Our Values, as well as our Barnes Enterprise System (“BES”) with its guiding principles form the foundation of our business culture.</p> <p>Consistent with the Barnes Values, <b>the Barnes Code of Business Ethics and Conduct (“Code of Conduct”)</b> published on the Barnes corporate website, lays out the principles that guide the behavior of our employees, officers, and directors as we do business around the world. Our Code of Conduct, which is available in nine languages for our global constituencies, provides guidelines, practical direction, and helpful resources to promote ethical conduct and support compliance with applicable laws and regulations.</p> <p>Our Code of Conduct applies to all employees, officers and directors of the Company. We also expect all of our business partners, suppliers and agents to hold themselves to equally high standards.</p>	<p><a href="#">Barnes Human Rights Policy</a></p> <p><a href="#">Barnes Named One of America’s Most Responsible Companies 2021</a></p> <p><a href="#">Barnes Named One of America’s Most Trusted Companies 2022</a></p> <p><a href="#">Code of Conduct</a></p>	<p><b>Diversity and Inclusion:</b> GRI 405</p> <p><b>Training and Development:</b> GRI 404</p> <p><b>General Disclosures:</b> GRI 2-23; GRI 2-26</p>

UNGC Principles	Barnes Approach	ESG Report Page Number / Other Source URL	Cross-Reference to GRI Standards
	<p>Built on our Values, our <b>Code of Business Ethics and Conduct for Suppliers (“Supplier Code”)</b>, published on the Barnes corporate website, communicates the expectations we have of our global supply chain partners. The Supplier Code requires that all suppliers and partners adhere to the Code of Conduct by ensuring the safety, security, and fundamental human rights of their employees, all of which are consistent with our Values.</p>	<p><a href="#">Supplier Code</a></p> <p><a href="#">Barnes Enterprise System</a></p>	
<b>Labor Standards</b>			
<p>3. Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.</p> <p>4. Businesses should uphold the elimination of all forms of forced and compulsory labor.</p> <p>5. Businesses should uphold the effective abolition of child labor.</p> <p>6. Business should uphold the elimination of discrimination in respect of employment and occupation.</p>	<p>Barnes has a comprehensive <b>Code of Business Ethics and Conduct</b>. We require all employees to comply with, and have training on, the Barnes Code of Business Ethic and Conduct. Our commitment to fair treatment, and human rights, also extends to our, suppliers and other partners, though our <b>Supplier Code of Business Ethics and Conduct</b>.</p> <p>We do not use or condone any form of forced or indentured labor or human trafficking in the supply chain, manufacture or distribution of our products.</p> <p>Barnes is dedicated to cultivating a workplace that prioritizes the development, empowerment, and engagement of all our employees and values the diversity and inclusion of every individual. Each and every employee makes Barnes a unique and special company, and their collective contributions have allowed us to create a culture of inclusiveness. The diversity of our experiences, capabilities, and perspectives are the cornerstone of what it truly means to engage as ‘One Team, One Company’ to promote and support our collective success.</p> <p>Barnes is committed to cultivating a workplace that prioritizes the development, empowerment, and engagement of all our employees and values the diversity and inclusion of every individual.</p>	<p><a href="#">Code of Conduct</a></p> <p><a href="#">Supplier Code</a></p> <p><a href="#">Culture and Diversity</a></p> <p><a href="#">Barnes Human Rights Policy</a></p> <p><a href="#">Respecting Human Rights, page 8</a></p> <p><a href="#">Diversity and Inclusion, page 27</a></p>	<p><b>General Disclosures:</b> GRI 2-23; GRI 2-26</p>

UNGC Principles	Barnes Approach	ESG Report Page Number / Other Source URL	Cross-Reference to GRI Standards
	<p>Diversity and Inclusion (D&amp;I) is core within our Values and has been integrated into our Barnes Enterprise System (BES) and our Talent Management System (TMS) for many years.</p> <p>We embrace the expansion of our business around the world as an opportunity and value diversity and inclusion as we work seamlessly across borders. We partner with employees, suppliers, and customers of different cultures while respecting and contributing to the communities where we work and live.</p>		
<p><b>Environment</b></p> <p>7. Businesses should support a precautionary approach to environmental challenges.</p> <p>8. Businesses should undertake initiatives to promote greater environmental responsibility.</p> <p>9. Businesses should encourage the development and diffusion of environmentally friendly technologies.</p>	<p>At Barnes, we value environmental preservation and strive to protect the environment through our operating processes. We also work to make sure our workplaces are energy efficient, environmentally sound, sustainable and compliant with laws and regulations where we do business.</p> <p>We dedicate significant resources and efforts to designing and manufacturing innovative products that meet customer needs most effectively and efficiently. Together with these efforts, we also design and manufacture products that comply with environmental requirements, minimize environmental disruption and sustain natural resources.</p>	<p><a href="#">Climate Risks and Opportunities, page 8-9</a></p> <p><a href="#">Environment, page 15</a></p> <p><a href="#">Waste Management, page 16</a></p> <p><a href="#">Recycle, page 17</a></p> <p><a href="#">Water Conservation, page 17-18</a></p> <p><a href="#">Energy Conservation, pages 18-19</a></p> <p><a href="#">Renewable Energy at Barnes, page 19</a></p> <p><a href="#">Products, pages 9-12</a></p>	<p>General Disclosure: GRI 2-27</p> <p>Energy Conservation &amp; Emissions Reduction: GRI 302; GRI 305</p> <p>Waste &amp; Water Management: GRI 306; GRI 303</p>

**Anti-corruption**

<p>10. Businesses should work against corruption in all its forms, including extortion and bribery.</p>	<p>At Barnes, we value fairness, transparency, and honesty in all interactions with everyone we do business with, including customers, government agencies, suppliers, distributors and competitors.</p> <p>Our Company does not condone, under any condition, the offering or payment of “kickbacks,” “under-the-table” payments, illegal rebates or other similarly improper payments in exchange for business.</p> <p>Employees are expected to complete Code of Conduct training as assigned and re-affirm their adherence to the Code of Conduct as part of the training requirements.</p>	<p><u><a href="#">Recognizing and Avoiding Bribery and Corruption</a></u></p>	<p><b>General Disclosures:</b> GRI 2-23; GRI 2-26</p>
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## Appendix D

### TCFD Index

Barnes has developed this document based on the recommendations set forth by the Task Force on Climate-related Financial Disclosures (TCFD) and is organized in order of the TCFD areas of focus: Governance, Strategy, Risk Management, and Metrics and Targets.

TCFD Recommendation	Barnes Disclosure	Disclosure Location
<b>Governance</b>		
<p><b>a) Describe the board's oversight of climate-related risks and opportunities.</b></p>	<p>The Board of Directors is our highest governing body and is actively engaged in risk management oversight, succession planning, and corporate governance matters. With regard to ESG, in particular, the Board exercises governance over ESG through its three key standing committees.</p> <ul style="list-style-type: none"> <li>• The Audit Committee (as noted in its charter) reviews and discusses with management the ESG reporting process, climate related metrics, and management's evaluation of the adequacy and effectiveness of controls for related disclosures.</li> <li>• The Compensation and Management Development Committee (as noted in its charter) oversees the Company's efforts to ensure Barnes is seeking, developing, and retaining human capital appropriate to support the ongoing transformation of the Company, drive business performance, foster diversity, equity, and inclusion across the organization, and support the successful execution of the Company's growth strategy.</li> <li>• The Corporate Governance Committee (as noted in its charter) exercises oversight over shareholder outreach and feedback with respect to ESG.</li> </ul> <p>While risk management is the responsibility of the Company's management team, the Board is responsible for oversight of the Company's risk management activities generally. The Audit Committee has been designated by the Board to take the lead in overseeing risk management at the Board level and each of the committees of the Board are tasked with assisting the Board with the oversight of certain categories of risk management within their respective areas of responsibility. The Audit Committee has primary responsibility for reviewing and discussing the guidelines and policies that govern the processes by which the Company assesses and manages its exposure to risk, including the Company's enterprise risk management program. The Audit Committee periodically meets with management and the Board of Directors to discuss these guidelines and policies and reviews and assesses management's identification and assessment of major risk exposure and the manner in which risk is being monitored and controlled in areas such as: external financial reporting and controls, litigation and compliance, safety, data protection and cybersecurity. The Audit Committee also reviews and discusses with management the ESG reporting process, climate related metrics and management's evaluation of the adequacy and effectiveness of controls for related disclosures. In conducting the above, the Audit Committee considers the nature of the material risks the Company faces and the adequacy of the Company's guidelines and policies to respond to and manage these risks. The Audit Committee receives updates from</p>	<p><a href="#">2022 ESG Report &gt; Governance: Board of Directors, page 6</a></p> <p><a href="#">Audit Committee Charter</a></p> <p><a href="#">Compensation and Management Development Committee Charter</a></p> <p><a href="#">Corporate Governance Committee Charter</a></p> <p><a href="#">2022-Proxy-Statement</a></p>

	<p>management and others, including the Company’s internal and external auditors and, in many instances, the discussion of these risk factors is integrated within the topics on the Board and committee agendas.</p>	
<p><b>b) Describe management’s role in assessing and managing climate-related risks and opportunities.</b></p>	<p>Barnes is committed to corporate responsibility and furthering environmental, social and governance (ESG) principles. We believe this allows us to create value for our stakeholders and is key to our success as a responsible and environmentally friendly organization. Since the launch of our company-wide ESG initiative in 2014, we continue to identify and implement ways in which we can benefit our customers, the environment, and society while executing our vision and strategy. This initiative is led by our Vice President of Health, Safety &amp; Environmental Affairs (HSE) and ESG, with the full support of our Company’s Senior Leadership Team and the Board of Directors.</p> <p>The ESG Steering Committee, consisting of members of the Senior Leadership Team, assesses and annually reports to the Board of Directors on the performance of the Company’s ESG efforts. The Barnes ESG Steering Committee enlists the support of key leaders from within Barnes, including: Operations, HSE, Investor Relations, Legal, our Global Compliance Office, Supply Chain, Business Development, Finance, Human Resources, Marketing, Corporate Communications, and Internal Audit.</p>	<p><a href="#">Charter of the Barnes ESG Steering Committee</a></p>
<p><b>Strategy</b></p>		
<p><b>a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.</b></p>	<p>In 2021, to better understand the climate-related risks and opportunities across our Company, we conducted our first climate scenario analysis. We assessed a limited set of risks under these scenarios: price of carbon (transition risk), water stress, temperature extremes, and average temperature (physical risks). We have identified climate-related risks and opportunities that were highlighted through our climate scenario analysis process with potential impact to our business over the short, medium, and long-term horizons.</p> <p>Weather-related events, natural disasters, political disruptions or wars involving oil-producing countries, changes in governmental policy concerning aircraft fuel production, changes in refining capacity, and other unpredictable events may result in future fuel supply shortages and fuel price increases. For example, widespread disruption to oil production, refinery operations and pipeline capacity in certain areas of the U.S. can impact the price of jet fuel significantly. In addition, our customers' and suppliers' facilities, as well as our own facilities, are located in areas that may be affected by natural disasters, including earthquakes, windstorms, droughts and floods, or by limited accessibility to sufficient water resources, which could cause significant physical damage and disruption to our equipment and facilities, as well as the infrastructure of our customers and suppliers, and, in turn, could have a material adverse effect on our business, financial condition, results of operations and cash flows.</p> <p>Our products and systems allow for optimized energy consumption, yielding enhanced production rates and efficiencies for our customers, including those customers engaged in the manufacturing of light-weight electric vehicle components and many other sustainability focused markets. Most notable is our recent introduction of Next Generation High Speed Stamping Manifolds for high volume commercial production of batteries used in</p>	<p><a href="#">2022 Form 10-K, pages 9-10</a></p> <p><a href="#">2022 Proxy Statement: page 7</a></p> <p><a href="#">See our 2022 ESG Report &gt; Climate Risks and Opportunities, page 8-9</a></p>



	<p>cutting-edge electric vehicles. Also, its latest technology in stamping enables faster production speeds with longer tool life while consuming less energy. Our Barnes Aerospace divisions that manufacture new components are continuing their work with our aerospace customers to introduce component designs that will reduce the weight of the aircraft and engine parts. For airlines, reducing the weight of the aircraft or its engines through lower-weight parts and components drives lower fuel usage and lower carbon emissions. The projects are focused on reducing the weight of the components without sacrificing strength, durability, or safety. These lower-weight components will contribute to a reduction in fuel usage of the affected airplanes each year. In 2021, as an example, our Barnes Aerospace, Ogden, Utah location continued to work with several additional design refinements to reduce the weight of a complex structural assembly. Our other facilities are engaged with customers in similar design optimization activities to drive lower part weight and higher performance.</p>	
<p><b>b) Describe the impact of climate- related risks and opportunities on the organization’s businesses, strategy, and financial planning.</b></p>	<p>Climate change, or legal, regulatory or market measures to address climate change, may materially adversely affect our financial condition and business operations.</p> <p>A major catastrophe such as an earthquake, windstorm, drought, flood or other natural disaster, infectious disease outbreak, significant labor strikes, work stoppages, or political unrest, in any of the areas where we or our customers or key suppliers conduct operations could result in a prolonged interruption of our business. Any disruption resulting from these events could cause significant delays in the manufacture or shipment of products or the provision of repair and other services that may result in our loss of sales and customers.</p> <p>Although we have obtained property damage and business interruption insurance, our insurance will not cover all potential risks. The effects of climate change, including extreme weather events, long-term changes in temperature levels, water availability, supply costs impacted by increasing energy costs, or energy costs impacted by carbon prices or offsets may exacerbate these risks. Such disruptions could interrupt our ability to manufacture certain products and result in increased pricing, and could materially and adversely affect our business, financial condition, results of operations and cash flows.</p> <p>The Company continues to expand applied and fundamental research and development activities to generate a continuous flow of innovative new products and services for our customers. Focal areas include the development of new technology that significantly improves existing products, components, integrated systems and services, and the development of new applications for existing products and services. Our product development strategy is driven by product design teams and collaboration with our customers, particularly within Industrial’s Molding Solutions and Automation businesses. Initial focus has been on four key technology platforms including digitalization, software, hardware and sensors, each of which we believe will be instrumental to the future success of the Company. These combined technologies are planned to be at the core of the next generation of products and services we bring to market. Investments in research and development are critical to our long-term growth, enabling us to meet changing customer and marketplace needs.</p> <p>Sustainability is an increased focus in all markets today. Automotive is just another example where customers are demanding more sustainable solutions. Synventive recently launched eGate Sync, a motion controller</p>	<p><a href="#">2022 Form 10-K, pages 9-10</a></p> <p><a href="#">See our 2022 ESG Report &gt; Climate Risks and Opportunities, page 8-9</a></p> <p><a href="#">Improving Fuel Efficiency, page 11;</a></p> <p><a href="#">Vehicle Electrification, page 12</a></p>

	<p>enabling the electrical movement of the valve gate. The new eGate Sync offers injection molders a much faster “plug and play” installation on a hot runner. Unlike hydraulic or pneumatic systems, eGate Sync improves the process by leveraging electrical technology, resulting in higher quality parts with greater efficiency and reliability. The Priamus portfolio has always been at the forefront of offering intelligent process monitoring and closed-loop process control systems for injection molding. Our Priamus FILLCONTROL solution allows an injection molder to automatically balance inconsistencies in the molding process by reducing cavity-to-cavity variations. These auto-corrections are even more relevant when processing bio or regrind materials to control and balance viscosity variations. At the same time, this allows for the processing of regrind resins with a broader viscosity range. The ability to minimize personnel attendance to adjust the process – even with the complexity of high cavitation molding - is a clear benefit to customers.</p>	
<p><b>c) Describe the resilience of the organization’s strategy, taking into consideration different climate- related scenarios, including a 2°C or lower scenario.</b></p>	<p>Our qualitative evaluation of climate scenarios included a 1.5-2°C low emissions scenario, and a moderate to high emissions scenario where the world has warmed more than 2°C above pre-industrial levels by the end of the century. Under the moderate to high scenario, droughts, wildfires, floods, and excessive rainfall occur more intensely and more frequently, and climate policy is less ambitious. In the low emissions scenario, global warming will be limited to rising well below 2°C, the effects of climate change remain manageable with proper prevention tactics, industries have evolved into a circular economy, and it is generally assumed that society acts rapidly to limit GHG emissions.</p> <p>Key outcomes for ongoing strategic conversations about Climate-related Risks and Opportunities as they relate to our relationship with automotive, aerospace and healthcare industries are:</p> <ul style="list-style-type: none"> <li>• Of the two physical risk scenarios, the Moderate to High Emissions Scenario enhances Climate-related Physical Risks the most and has the greatest impact on business interruption due to temperature extremes, current water risk, and future water risk.</li> <li>• Of the two transition risk scenarios, the Low Emissions Scenario enhances Climate-related Transition Risks the most and has the greatest impact on operating costs of the due to increased Cost of Carbon.</li> </ul> <p>We continue to evaluate and refine this climate scenario analysis and are identifying potential strategic changes for affected businesses and locations to address the plausible risks and opportunities identified in these scenarios. In addition to looking at strategies to mitigate plausible long-term climate risks and opportunities, we will continue to identify ways to conserve water, increase energy efficiency, and reduce waste as part of our pursuit of Operational Excellence. We keep health, safety, and environmental performance top of mind, and look to optimize process efficiency, while seeking opportunities to incorporate environmentally beneficial technology in our facility expansions and operational improvement projects.</p>	<p><a href="#">2022 Form 10-K, pages 9-10</a></p> <p><a href="#">See our 2022 ESG Report &gt; Climate Risks and Opportunities, page 8-9</a></p>

<b>Risk Management</b>		
<p><b>a) Describe the organization’s processes for identifying and assessing climate-related risks.</b></p>	<p>Increased operating costs and business interruption are risks to Barnes; hence, the questions used to guide the climate scenario analysis are listed below:</p> <ul style="list-style-type: none"> <li>• “Will there be a climate-related increase in business interruptions across operations?”</li> <li>• “Will there be increased climate related operating costs?”</li> <li>• “How will ‘Net Zero’ commitments by our customers impact our cost of doing business?”</li> <li>• “How will shifting airline passengers to less carbon intensive transportation modes impact Aerospace?”</li> <li>• “How will single-use-plastics bans (EPR Laws) impact Molding Solutions?”</li> <li>• “How will the emergence of Electric Vehicles (EVs) impact our business with Automotive customers?”</li> <li>• “How will increased human health challenges impact our business with Health Care customers?”</li> </ul>	<p><a href="#">2022 Form 10-K, pages 9-10</a></p> <p><a href="#">See our 2022 ESG Report&gt; Reporting Frameworks, page 8; Climate Risks and Opportunities, page 8-9</a></p>
<p><b>b) Describe the organization’s processes for managing climate- related risks.</b></p>	<p>Barnes evaluates and manages environmental risks in accordance with its Health, Safety and Environmental Affairs (HSE) Management System and as part of its enterprise risk management (ERM) program. The HSE management system is consistent with our commitment to worker health and safety and to environmental protection, as well as prevailing regulatory frameworks in place around the globe, and ESG has been identified as an enterprise risk and assessed based on impact and likelihood by our Risk Council as part of their annual enterprise risk survey. The Risk Owner is responsible for identifying mitigation strategies, coordinating implementation of those strategies across the enterprise, and reporting progress to the Council and Board. Furthermore, when evaluating longer-term social and environmental issues that may impact our business, such as climate change, we apply the precautionary approach. The Company is also striving to reduce its environmental footprint, using less water and encouraging recycling within its operations. We believe the precautionary approach will help us reduce our environmental footprint and yield a more sustainable world consistent with our Values.</p>	<p><a href="#">See our 2022 ESG Report&gt; Reporting Frameworks, page 8 Climate Risks and Opportunities, page 8-9; Reducing Global Emissions, page 10; Health Safety and Environmental Affairs (HSE), page 13; Environment, page 15; Energy Conservation, pages 18-19; Renewable Energy at Barnes, page 19</a></p>
<p><b>c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization’s overall risk management.</b></p>	<p>Through our existing enterprise risk management process, Barnes manages a broad range of risks related to our business and the industries in which we operate, including risks related to climate change, and legal, regulatory and market measures to address climate change.</p>	<p><a href="#">Barnes Enterprise System</a></p>

Metrics and Targets		
<p><b>a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.</b></p>	<p>Our climate-related metrics, Energy, Water and Waste, can be found in our 2022 Environmental, Social and Governance Report.</p>	<p><a href="#">See our 2022 ESG Report &gt; Environment, page 15;</a>  <a href="#">Water Conservation, page 17-18;</a>  <a href="#">Energy Conservation, pages 18-19;</a>  <a href="#">Renewable Energy at Barnes, page 19</a></p>
<p><b>b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.</b></p>	<p>The GHG emissions reported are measured in metric tonnes of carbon dioxide equivalents (MT CO2e) and include natural gas used in our facilities (Scope 1) and indirect emissions from grid electricity (Scope 2). We have determined that fleet emissions from company vehicles are not material and are therefore not included in the Scope 1 emissions reported.</p>	<p><a href="#">See our 2022 ESG Report &gt; Environment, page 15</a></p>
<p><b>c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.</b></p>	<p>We are mindful of our potential environmental footprint and seek continuous improvement opportunities to reduce our impact, particularly our energy and water usage, as well as our waste. Barnes is working to reduce the energy and water we use in our factories, and the amount of industrial process waste we generate from our manufacturing operations. The Barnes HSE Standards define the metrics and supporting documentation to be reported by all non-office locations greater than 20,000 ft2 using our centralized HSE information system. To ensure accuracy in reporting, select data is audited by our Internal Audit Department (IAD) and our centralized HSE information system stores an electronic audit trail for our data. Given the interests and inquiries expressed by our stakeholders, we have prioritized the disclosure of energy (Scope 1 and Scope 2 GHG emissions) and water usage.</p>	<p><a href="#">See our 2022 ESG Report &gt; Environmental, page 15;</a>   <a href="#">2022 Proxy Statement: page 7</a></p>