

# 2021 Environmental, Social, and Governance Report **Supplement**

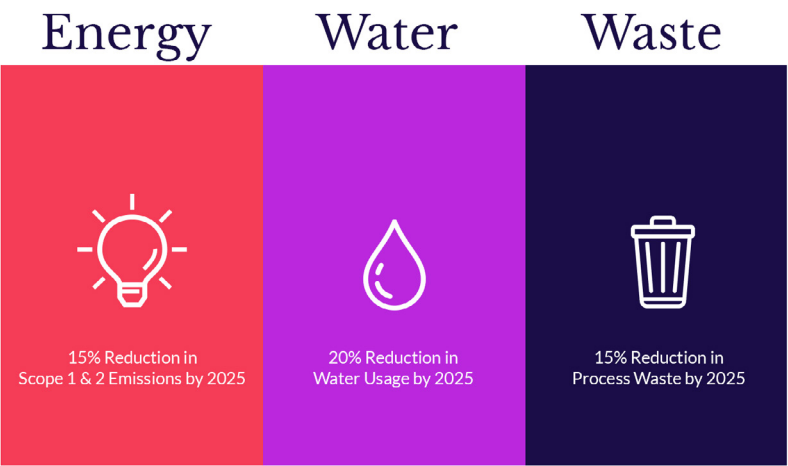


Striving for Next With Respect for Now.

Our Environmental, Social, and Governance (ESG) journey has been consistently informed by global ESG reporting practices and our stakeholders. We have selected disclosures from the Global Reporting Initiative (GRI) and the Sustainability Accounting Standards Board’s (SASB) 2018 Industrial Machinery & Goods standard and the Task Force for Climate-related Financial Disclosures (TCFD) standard that we believe are relevant to our business. This Supplement contains additional environmental data that has been validated since our [2021 ESG Report](#) was published.

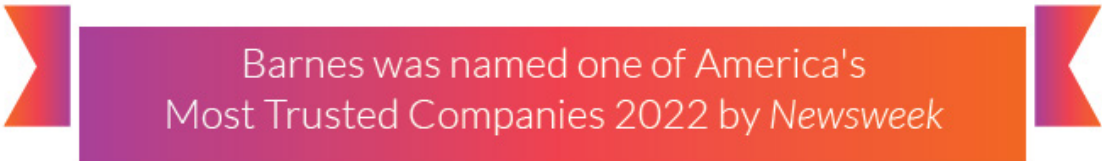
**Our Environmental Targets**

As previously communicated, we have established environmental targets for 2025 – specific goals for reducing the energy and water we use and the waste we generate – on a normalized basis. Energizing our employees to reduce all types of waste and inefficiency to achieve Operational Excellence is a hallmark of our Barnes Enterprise System and demonstrates our commitment to running sustainable businesses that conserve natural resources while minimizing the impact of our footprint on the environment. Although we initially planned to normalize our environmental data versus production hours, we have determined that normalizing versus revenue is more practical and consistent with industry practice.

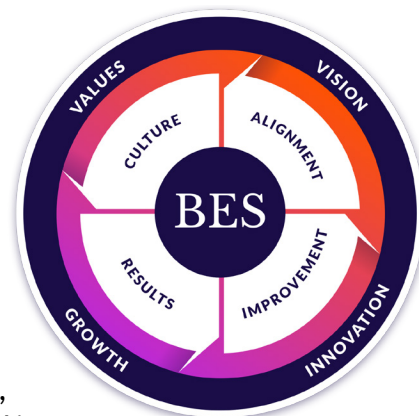


In 2021, we upgraded our centralized HSE information system to a new sustainability suite, which automates greenhouse gas (GHG) calculations and stores an electronic audit trail for our data. Further, our HSE and Finance groups collaborated to establish standard work for validating our energy and water data. Once the data and supporting documentation was imported into the new sustainability suite, our Internal Audit Department completed a review of the data and documentation that supports our 2019 baseline, as well as the 2020 and 2021 data. The data has not been assured by a third party.

We also conducted our first climate scenario analysis in 2021, assessing a limited set of risks including price of carbon (transition risk) and water stress (physical risks). Given the insights from this report as well as the interests and inquiries expressed by our stakeholders, we have prioritized energy (Scope 1 and Scope 2 GHG emissions) and water usage disclosures in this Supplement.

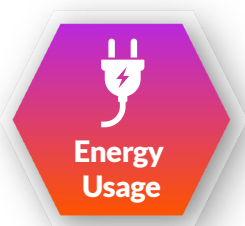


As part of our pursuit of Operational Excellence, we analyze water and energy usage at our manufacturing locations larger than 20,000 ft<sup>2</sup> to determine which sites have the greatest opportunities for strategic investments to help achieve our goals and reduce our environmental footprint in the most cost-effective manner. Our manufacturing divisions have made progress through local energy efficiency and optimization projects, resulting in lower absolute energy consumption versus the baseline year. On a normalized basis, our progress was tempered due to reduced revenues in 2020 and 2021, which were significantly impacted by the global COVID-19 pandemic. We remain committed to our 2025 environmental targets. To help us meet our commitment, we engaged one of our energy partners to develop an energy roadmap. Launched in January 2022, the project is identifying opportunities to decarbonize and reduce GHG emissions through the use of renewable energy.



Barnes has targeted to reduce the amount of energy we use in our manufacturing operations by 15% by 2025 against our 2019 baseline. The GHG emissions reported here are measured in metric tonnes of carbon dioxide equivalents (MT CO<sub>2</sub>e) and include natural gas used in our facilities (Scope 1), as well as indirect emissions from grid electricity (Scope 2). We have determined that fleet emissions from company vehicles are not material and they are therefore not included in the Scope 1 emissions reported here.

### Barnes Scope 1 & Scope 2 GHG Emissions\*



Year	2019	2020	2021
GHG Emissions (MT CO <sub>2</sub> e)	55,270	47,420	47,390
Normalized GHG Emissions (MT CO <sub>2</sub> e/M\$ Sales)	38.5	42.4	37.6

\*Estimated emissions for facilities > 20,000 ft<sup>2</sup>;  
Excludes 2019 Seeger-Orbis divestiture and company vehicle fleet emissions.

Barnes has targeted to reduce the amount of water we use in our manufacturing operations by 20% by 2025 against our 2019 baseline. Our operations have been tracking water usage data (measured in cubic meters, m<sup>3</sup>) for several years, and we are pleased to report that we have made substantial improvements thanks to the Operational Excellence initiatives implemented by our divisions.

### Barnes Water Usage\*



Year	2019	2020	2021
Water (m <sup>3</sup> )	520,800	297,000	302,700
m <sup>3</sup> water/M\$ Sales	363	265	240

\*Estimated usage for facilities > 20,000 ft<sup>2</sup>; excludes 2019 Seeger-Orbis divestiture

## Cautionary Statement Regarding Forward-Looking Statements

Certain statements in this supplement relate to future events and expectations and are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements often address our expected future operating and financial performance and financial condition, and often contain words such as “anticipate,” “believe,” “expect,” “plan,” “estimate,” “project,” “continue,” “will,” “should,” “may,” and similar terms. These forward-looking statements are based on management’s current expectations, assumptions and information currently available and do not constitute guarantees of future performance and are subject to a variety of risks and uncertainties that may cause actual results, including the achievement of our targets, goals or commitments, to differ materially from those expressed in the forward-looking statements, as a result of changes in circumstances, assumptions not being realized, or other risks uncertainties, scenarios and other factors. Such risks uncertainties, scenarios and other factors include, among others: changes or uncertainties in laws, regulations, rates, policies or interpretations that impact the Company’s business operations, including those that address climate change, environmental, health and safety matters, and the materials processed by our products or their end markets and our ability to achieve social and environmental performance targets and commitments. A detailed discussion of risks related to Barnes’ business is included in the section entitled “Risk Factors” in Barnes’ 2021 Annual Report on Form 10-K and Barnes’ other filings with the Securities and Exchange Commission available at [www.sec.gov](http://www.sec.gov) and [www.barnesgroupinc.com](http://www.barnesgroupinc.com) under the “Investors” tab. Shareholders, potential investors, and others should consider these factors in evaluating the forward-looking statements in this report and should not place undue reliance on such statements. The forward-looking statements in this report are made as of the date of this report, unless otherwise specified, and Barnes undertakes no obligation to update these forward-looking statements.

Please visit the ESG page on our Corporate website for more information on our efforts in environmental sustainability, diversity and inclusion, employee health and safety, and the Company’s support of social and charitable causes. We invite our stakeholders to learn more about our commitments and all the ways we are working towards being a more sustainable organization.

### ESG Contact:

For further questions or comments related to ESG at Barnes, please contact:

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