

Global Environmental Policy

We believe that what is good for the environment is good for business. We know that for Quad to continue to thrive in the future, we must take responsibility for our actions, including identifying the consequences and environmental impacts of our operations and working with stakeholders throughout our value chain to minimize the environmental impacts of our operations.

To this end, we challenge ourselves to continuously improve our environmental sustainability performance globally, by conserving raw materials, reducing waste and energy use, focusing on efficient water use, implementing efficient waste management, ensuring sustainable procurement of materials, sharing knowledge, promoting environmental stewardship and education, and leveraging regenerative solutions across our discipline-led integrated marketing platform.

In addition to compliance with environmental laws and regulations, we abide by three principles on the environment:

1. Support a precautionary approach to environmental management;
2. Ensure that environmental protection is integrated into our decision-making, and;
3. Encourage continual improvement of our environmental management, including the development and diffusion of new, regenerative solutions.

To comply with these principles, we work to ensure that the resources and materials we use are:

- Sustainable;
- Capable of being reused, repurposed or recycled, where possible, and if not, properly disposed of;
- Used effectively with a minimum of waste;
- Sourced free of carcinogenic materials being brought onto any Quad premises or incorporated into any Quad materials; and that processes are planned, monitored and conducted in such a way to minimize environmental impacts.

How we carry out operations with care for the environment and environmental laws and regulations.

1) Responsible Materials

Quad believes in making responsible choices that help to protect and conserve forests, safeguard the environment and provide sustainably sourced printed products and packaging.

Eco-friendly Inks and Coatings: Quad uses, where possible, vegetable-based inks and coatings, which are environmentally friendly and biodegradable. Quad is committed to continuously exploring the use of environmentally friendly options.

Sustainable Forestry: Quad partners with paper producers in low-risk forestry areas; when requested by customers and where possible, we print on certified forest products that follow strict chain-of-custody standards. Quad is committed to increasing the use of recycled fibers and supports regenerative practices that maximize resources and mitigate risks in forested landscapes.

2) Regenerative Initiatives: Refuse, Reduce, Reuse and Recycle

Since our founding, Quad has embraced the circular economy, finding ways to reduce waste, reuse materials, and reduce our consumption of energy and other resources. We know that responsible choices benefit both our environment and our bottom line.

Recycling: Quad collects, shreds, bales and recycles paper trim waste at all our printing facilities while continuously evaluating benchmarks and seeking ways to further improve our solid waste recycling rate.

Water Usage: Quad proactively manages its water consumption through a combination of best practices, capital investments, and efficient platforms and efforts. The latter include regular monitoring of our facilities' water consumption and treatment options, performing preventive maintenance to ensure system efficiency, changing out aging assets and installing new equipment when possible, and following best practices to reduce water waste and cost.

Plastic-focused initiatives: With the goal of reducing virgin plastic use and reducing plastic waste, Quad is exploring the use of alternative, more eco-friendly packaging materials, and where possible, reducing the use of plastic materials, including styrofoam.

Reduce Hazardous Waste: Quad takes responsibility to mitigate the dangers associated with hazardous waste by implementing comprehensive hazardous waste management practices. We are diligent about safe handling practices in our operations — from the time hazardous waste is generated through its final disposal. We are also committed to finding ways to reduce the use of chemicals and solvents.

3) Energy & Emissions

We know that managing and reducing our greenhouse gas emissions is important to address climate change and reduce business risk. Therefore, we invest in energy management systems to make data-based decisions that help us advance our environmental sustainability commitments and identify and implement ways that use less of earth's finite resources.

Increase Operational Efficiency: Quad is doing more with less by implementing resource efficiency programs, testing new materials, developing new manufacturing processes, and implementing new technologies that decrease electricity consumption and increase production efficiency.

Optimizing Transport: Quad plans the transport of products to reduce carbon footprint and optimize logistics costs, including for example: minimizing packaging and maximizing space used to transport finished product, planning the most efficient loads to use fewer trucks, and optimizing fuel mileage.

Volatile Organic Compounds (VOCs) & Carbon Emissions: Quad reduces its emissions, including its overall carbon intensity, by employing pollution prevention technologies that directly reduce our VOCs. We also decrease CO₂ emissions by exploring opportunities to increase sourcing from renewable energies and improving our operational efficiency through robust energy management programs.

4) Stewardship and Education

Environmental education is a key value and core to Quad's environmental management. Through education and training, we model best practices for our employees, clients and the communities in which we operate.

Continuous Education: Quad invests in continuous education and training on the environmental impacts, challenges and opportunities surrounding our industry; and the processes that lead to informed decision-making and creative problem-solving. Quad annually updates and shares environmental management training for personnel, as well as environmental information for clients and community members.

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Other supporting materials

Quad's Code of Conduct: Quad's long-standing value of 'Doing the Right Thing' reflects our culture of ethics and compliance and guides us in our daily decision-making. Quad's commitment to honest and ethical business practices is reflected in our [Code of Conduct](#).

Quad's Environmental, Social, Governance (ESG) Reporting: Quad's commitment to "creating a better way" guides our understanding of what it means to be a good corporate citizen, inspiring both creativity and discipline in how we address ESG challenges. For further reporting and to see our progress on our specific environmental commitments that support many topics within this policy, see Quad's ESG Report [here](#).

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