

Environmental and Quality Policy

Graphenest is a technology company that provides automotive and electronics sectors with conductive graphene-based EMI shielding solutions. Our primary objective is to replace metals with cost-effective and ultralightweight conductive polymeric systems.

Environmental Policy

At Graphenest, we are committed to minimizing our environmental impact and continually improving our environmental performance as an integral part of our business strategy and operating methods. We will encourage a sense of responsibility for the environment among our employees and strive to foster a culture of sustainability within our organization. We are committed to adopt the best practices for environmental protection, including pollution prevention, through:

- ***Eco-Friendly Production:*** We will adopt the best practices for environmental protection, including pollution prevention employ sustainable practices in our liquid-phase exfoliation process, aiming to reduce the environmental footprint of graphene and graphene-based EMI shielding solutions production. This includes, for instance, optimizing the use of resources such as acetone and water to minimize waste and energy consumption during graphene production.
- ***Recyclability:*** We will prioritize the development and use of recyclable materials in our production, like recycled graphite from old batteries, encouraging the circular economy and reducing the overall impact on the environment. We will use recycled acetone recovered from a solvent recovery process. We will promote the production of graphene-based EMI shielding solutions using recycled polymers.
- ***Energy Efficiency:*** We will actively seek ways to enhance energy efficiency in both graphene production and solution integration processes. This includes exploring renewable energy sources and adopting energy-efficient technologies.
- ***Regulatory Compliance:*** We are committed to fulfill all the legal, regulatory and ethical compliance obligations in our operations. Beyond compliance obligations, we will proactively seek opportunities to exceed regulatory requirements and adopt best practices for environmental conservation.
- ***Environmental Awareness:*** We will educate and train our employees on environmental issues and encourage their active participation in our environmental initiatives. Continuous training will be provided to ensure that our team is well-informed about the latest advancements in environmentally friendly technologies.

Quality Policy

Quality is at the core of Graphenest's mission as we produce high-performance graphene and integrate it into cutting-edge EMI shielding solutions. Our commitment to quality extends across all aspects of our organization, from production and product development to customer service. The key quality objectives are:

- *Excellence in Graphene Production:* We will uphold the highest standards in the production of graphene through liquid-phase exfoliation, ensuring product consistency, purity, and performance. We will regularly assess and optimize our production and integration processes to increase efficiency, reduce waste, and enhance overall quality.
- *EMI Shielding Solution Quality:* Our EMI shielding solutions will meet or exceed industry standards, providing reliable and effective electromagnetic interference shielding for our customers. We will strive for excellence in the development and production of our products, ensuring they meet the highest industry standards and regulatory requirements.
- *Customer Satisfaction:* We are committed to understanding and meeting the needs and expectations of our customers. Continuous feedback will be sought, and improvements will be made based on customer insights.
- *Continuous Improvement:* We will establish and maintain a culture of continuous improvement, fostering innovation and agility in adapting to changing market dynamics. We will invest in the training and development of our employees to ensure a skilled and knowledgeable workforce capable of upholding our commitment to quality.

Graphenest is dedicated to the successful implementation of this Environmental and Quality Policy. Regular reviews and updates will be conducted to ensure its ongoing suitability and effectiveness.

Sever do Vouga, 26th June 2024

Vitor Abrantes, CEO

Bruno Figueiredo, Co-CEO