



Northern Divers Engineering: Carbon Footprint & Carbon Reduction Policy

1. Introduction

Northern Divers Engineering recognises the urgent need to combat climate change and reduce the environmental impacts of our operations. As part of our commitment to environmental responsibility, we are dedicated to minimising our carbon footprint. This policy outlines how we measure, monitor, and reduce the carbon emissions associated with our business operations and activities.

2. Carbon Footprint Measurement

To ensure we have an accurate understanding of our carbon impact, we will regularly measure the carbon footprint associated with our operations. This includes:

- **Scope 1:** Direct emissions from owned or controlled sources (e.g., company vehicles, natural gas used in facilities).
- **Scope 2:** Indirect emissions from the generation of purchased electricity, steam, heating, and cooling.
- **Scope 3:** Other indirect emissions, including business travel, waste disposal, and supply chain emissions.

We will utilise industry-standard tools and guidelines, such as the Greenhouse Gas (GHG) Protocol, to calculate and report our carbon emissions annually.

3. Carbon Reduction Strategies

Northern Divers Engineering is committed to a clear set of strategies designed to reduce carbon emissions in the following areas:

- **Energy Efficiency:**
 - Transitioning to energy-efficient LED lighting in all facilities.
 - Upgrading heating and cooling systems to more energy-efficient models.
 - Implementing an energy management system to optimize energy usage in our buildings and facilities.



- **Renewable Energy:**
 - Transitioning to renewable energy sources, such as wind or solar power, for our office and manufacturing facilities.
 - Purchasing green energy where feasible and investigating opportunities for on-site renewable energy installations.
- **Sustainable Transport:**
 - Encouraging the use of electric vehicles (EVs) for business-related travel by offering incentives or subsidies for employees to switch to EVs.
 - Reducing unnecessary business travel by promoting virtual meetings and remote work options.
 - Implementing a company-wide carpooling system to reduce the number of vehicles on the road and lower overall emissions.
- **Waste Management:**
 - Increasing recycling and composting within our operations to reduce landfill waste and minimise methane emissions from waste decomposition.
 - Reducing single-use plastics in our offices and workspaces by switching to reusable alternatives.
 - Implementing a zero-waste policy in the production process, aiming to reuse or recycle all materials whenever possible.
- **Sustainable Product Design:**
 - Promoting the use of sustainable materials in our products, focusing on carbon-neutral or low-carbon options.
 - Working with suppliers who follow sustainable practices, ensuring that our entire supply chain aligns with our carbon reduction goals.

4. Carbon Offsetting

While we aim to reduce emissions as much as possible, we recognize that some emissions are unavoidable. Therefore, Northern Divers Engineering will offset its remaining emissions by investing in verified carbon offset projects, such as reforestation or renewable energy initiatives. We will review and update our offset program annually to ensure it remains effective.



5. Employee Engagement & Education

Our employees are key to the success of our carbon reduction efforts. We will:

- Provide training and awareness programs to educate employees about reducing their carbon footprint both at work and in their personal lives.
- Establish an internal green team to spearhead sustainability initiatives and engage employees in carbon reduction efforts.

6. Continuous Improvement & Reporting

Northern Divers Engineering is committed to continuous improvement in carbon reduction.

We will:

- Set annual carbon reduction targets and review our progress regularly.
- Provide transparent reports on our carbon footprint and reduction efforts to stakeholders, customers, and the public.
- Periodically reassess our policies and strategies to incorporate new technologies and innovations that can help further reduce our environmental impact.

7. Conclusion

Northern Divers Engineering is committed to leading by example in the fight against climate change. Through the implementation of this Carbon Footprint & Carbon Reduction Policy, we aim to reduce our environmental impact, contribute to global sustainability efforts, and create a better future for our employees, clients, and communities

Additional Measures:

- **Supplier Engagement:** Work with suppliers to encourage them to reduce their carbon footprint. This could involve asking suppliers to report on their emissions and sustainability efforts.
- **Monitoring Tools:** Utilise software or tools that track carbon emissions across the supply chain and from different activities, helping the company to adjust practices and target areas for improvement.



This policy framework could be adjusted depending on the size and scope of Northern Divers Engineering's operations, but it offers a comprehensive approach to sustainability for a small business.

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1 March 2025