



Engineering & Project Management

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NET ZERO POLICY AND ROAD MAP

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Prepared For:

**HMF Engineering and Project Management
Consultants Ltd.'s Employees and
Contractors**

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1. Vision Statement

HMF commits to achieving net zero carbon emissions by 2040, aligning our operations with global climate targets to combat climate change and promote sustainability in all areas of our business.

2. Scope

This policy applies to all HMF operations, including but not limited to production, supply chain management, logistics, and office environments.

3. Strategic Objectives

- **Reduce Greenhouse Gas Emissions:** Implement measures to significantly reduce GHG emissions from our operations and supply chain.
- **Transition to Renewable Energy:** Shift towards 100% renewable energy sources for all our operations by 2030.
- **Enhance Energy Efficiency:** Upgrade facilities and equipment to improve energy efficiency.
- **Carbon Offsetting and Removal:** Invest in credible carbon offset projects and explore innovative carbon removal technologies.

4. Implementation Roadmap

1. Baseline and Target Setting (Year 1-2)

- Conduct a comprehensive audit to establish a baseline of current carbon emissions.
- Set clear, measurable targets for emission reductions annually towards the 2040 goal.

2. Phase 1: Quick Wins (Year 1-3)

- Implement energy-efficient lighting and HVAC systems in all facilities.
- Encourage telecommuting and virtual meetings to reduce travel-related emissions.
- Initiate a recycling program and waste reduction strategies in all departments.

3. Phase 2: Structural Changes (Year 3-5)

- Begin transitioning to renewable energy sources such as solar and wind for facility power.
- Redesign logistics to optimize routes and reduce fuel consumption.
- Invest in training programs to enhance employee awareness and participation in sustainability efforts.

4. Phase 3: Deep Decarbonization (Year 5-10)

- Invest in electrification of vehicle fleets and other transport logistics.
- Retrofit manufacturing processes to utilize greener technologies and materials.
- Partner with suppliers to reduce upstream carbon emissions.

5. Phase 4: Innovation and Offsetting (Year 10-20)

- Develop or invest in new technologies for carbon capture and storage.
- Expand the scope of carbon offset projects, focusing on reforestation and biodiversity.
- Evaluate and adapt to evolving technologies and policies to ensure continued progress towards net zero.

6. Review and Adjust (Annually)

- Conduct annual reviews to assess progress against targets.
- Adjust strategies and targets as needed based on the latest climate science and technological advances.

5. Governance

- Establish a Sustainability Committee to oversee the implementation of this policy.
- Regularly report progress to stakeholders and the public to maintain transparency and accountability.

6. Conclusion

HMF is dedicated to leading by example in the fight against climate change. Our commitment to achieving net zero carbon emissions by 2040 underlines our dedication to sustainable business practices and environmental stewardship.