

	EQUIPPROTEK ENERGY, LDA	QMSMAN01
	POLICY ON BIODIVERSITY AND ECOSYSTEM RESOURCES	Issue 1
		November 06 th , 2024

Purpose

EquipProtek Energy recognizes the critical importance of biodiversity and healthy ecosystems in sustaining life and business activities. This policy outlines our commitment to managing biodiversity and ecosystem resources responsibly, minimizing negative impacts, and fostering positive contributions to ecosystem health.

Scope

This policy applies to all EquipProtek Energy operations, projects, and partnerships, including activities affecting air, water, soil, and natural habitats.

Policy Commitments

1. Biodiversity Conservation

Biodiversity conservation refers to the protection, restoration, and sustainable management of ecosystems and the diverse species they contain. It aims to preserve the variety of life forms on Earth and ensure that natural ecosystems continue to provide essential services such as clean air, water, and food security.

Key principles include:

- a. **Habitat Protection:** Safeguarding areas critical to wildlife, including forests, wetlands, and marine habitats, to prevent habitat destruction and fragmentation.
 - b. **Sustainable Resource Use:** Managing natural resources like forests, fisheries, and agricultural lands to ensure they remain viable for future generations.
 - c. **Species Protection:** Focusing on endangered and vulnerable species by addressing threats such as poaching, illegal wildlife trade, and climate change.
 - d. **Ecological Restoration:** Rehabilitating degraded ecosystems to restore their functionality and biodiversity.
 - e. **Community Engagement:** Involving local and indigenous communities in conservation efforts, recognizing their role as stewards of biodiversity.
 - f. **Policy and Legislation:** Enforcing national and international laws, such as the Convention on Biological Diversity, to regulate activities that impact biodiversity.
 - Avoid and minimize impacts on biodiversity in project planning and execution.
 - Conduct environmental impact assessments before initiating activities.
 - Restore habitats where operations have caused degradation.
- EquipProtek Energy incorporates biodiversity conservation into its operational practices by conducting environmental assessments, avoiding critical habitats, and supporting restoration and reforestation projects in areas impacted by its activities.

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2. Protection of Ecosystem Services

- EquipProtek Energy is committed to protecting ecosystem services by integrating these principles into its operations, supporting biodiversity initiatives, and ensuring that its activities contribute to the resilience and sustainability of natural systems.
 - Safeguard ecosystems that provide essential services such as water purification, carbon sequestration, and soil fertility.
 - Promote reforestation and conservation projects in collaboration with local stakeholders.

3. Management of Resource Inflows and Outflows

EquipProtek Energy recognizes the importance of managing resource inflows and outflows to minimize environmental impacts, optimize efficiency, and promote sustainable practices across its operations.

Key Actions for Resource Management:

- **Efficient Resource Use:**
 - Prioritize sourcing materials and equipment from sustainable and ethical suppliers.
 - Implement procurement practices that minimize waste generation and reduce resource intensity.
- **Waste Minimization and Recycling:**
 - Promote waste segregation and recycling initiatives for materials such as metals, plastics, paper, and electronics.
 - Adopt circular economy principles to encourage the reuse and repurposing of resources wherever feasible.
- **Energy and Water Conservation:**
 - Utilize energy-efficient technologies and renewable energy sources to reduce energy consumption.
 - Optimize water use through conservation measures and reuse strategies.
- **Emission Reduction:**
 - Monitor and control emissions related to operations to minimize air and water pollution.
 - Adopt low-carbon technologies and processes to align with global environmental goals.
- **Lifecycle Assessment:**
 - Conduct lifecycle assessments for products and services to understand their environmental footprint and identify opportunities for improvement.
- **Stakeholder Collaboration:**

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- Work with suppliers, customers, and regulators to enhance sustainability throughout the supply chain and ensure compliance with environmental standards.

Equiprotek Energy is committed to managing its resource inflows and outflows responsibly, ensuring that its operations contribute positively to the environment while supporting business objectives and community well-being.

- Implement sustainable sourcing practices for raw materials.
- Reduce waste generation and enhance recycling efforts.
- Adopt resource-efficient technologies to minimize ecological footprints.

4. Pollution Prevention

- Prevent the release of hazardous materials into air, water, and soil through stringent waste management protocols.
- Monitor and control emissions and effluents to meet or exceed regulatory standards.

5. Species Protection

- Identify and protect endangered or vulnerable species in operational areas.
- Avoid operations in critical habitats unless mitigation measures are implemented.

6. Community Engagement

- Collaborate with local communities and conservation organizations to support biodiversity protection initiatives.
- Raise awareness and build capacity on biodiversity issues among employees and stakeholders.

7. Compliance and Monitoring

- Adhere to local, national, and international environmental laws and biodiversity guidelines.
- Regularly monitor biodiversity impacts and report progress transparently.

8. Mitigation of Biodiversity Loss

- Implement offset programs when residual impacts on biodiversity cannot be avoided.
 - Contribute to research and development of conservation solutions.
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Roles and Responsibilities

- **Leadership Management:** Ensure biodiversity and ecosystem considerations are integrated into strategic decisions.
- **Employees:** Follow the company's guidelines and report incidents affecting biodiversity.
- **Partners and Suppliers:** Comply with Equiprotek Energy's biodiversity and environmental standards.

Monitoring and Reporting

- Regular audits and assessments to measure biodiversity impacts.
- Publicly disclose biodiversity performance and progress toward conservation goals.

This policy is part of our broader Environmental and Sustainability Framework, ensuring Equiprotek Energy contributes positively to ecological preservation and sustainability goals.

Best regards,

Assinado por:

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