Fachs Pvt Ltd on behalf of Canhem Pvt Ltd

Canhem Private Limited Energy Policy

Introduction
At Canhem Private Limited, we recognize the importance of energy management in our industrial hemp cultivation for CBD and processing operations. This Energy Policy outlines our commitment to responsible energy use, renewable energy, and environmental sustainability.

Purpose
To minimize our energy footprint, reduce greenhouse gas emissions, and promote sustainable energy practices.

Scope
This policy applies to all Canhem Private Limited facilities, operations, and employees.

Energy Sources
1. Electricity: Primary energy source for processing and administration.
2. Solar Power: Supplemental energy source for irrigation and lighting.
3. Biomass: Firewood from trimming of trees and bushes for limited, controlled use.

Energy Efficiency Measures

1. Energy Audits: Regular energy audits to identify efficiency opportunities.
2. LED Lighting: Transition to LED lighting for energy efficiency.
3. Energy-Efficient Equipment: Upgrade to energy-efficient equipment and appliances.
4. Solar Expansion: Explore expanding solar power capacity.

Renewable Energy Goals
1. Increase solar power generation to 30% of total energy use by 2026.
2. Reduce electricity consumption by 15% annually.

Biomass Management

1. Sustainable Sourcing: Ensure firewood sourcing from trimming of trees and bushes is sustainable.
2. Efficient Use: Minimize biomass energy use and explore alternatives.

Emissions Reduction

1. Greenhouse Gas Emissions: Monitor and reduce GHG emissions from energy use.
2. Carbon Offset: Explore carbon offset opportunities.

Implementation and Monitoring
1. Energy Management Team: Designated team to oversee policy implementation.
2. Energy Tracking: Regular tracking of energy consumption and emissions.
3. Training and Awareness: Employee training on energy efficiency practices.

Key Performance Indicators (KPIs)
1. Energy consumption (kWh/ hectare)
2. Renewable energy percentage
3. Greenhouse gas emissions (tons CO2e)
4. Energy cost savings

Reporting and Review

Annual review and reporting on energy management performance.

Amendments and Revision

This policy will be reviewed and updated annually or as necessary.

Approval

This Energy Policy has been approved by Dr. Chido Erica Felicity Matewa, Director, 2024.