

ROADMAP: TRANSFORMATION OF CAPE VERDE THROUGH RECYCLING

OUR VISION FOR THE FUTURE

We aim to establish a national recycling system that transforms Cape Verde into a model of sustainability for island nations worldwide. Our vision focuses on creating a circular economy that has positive ecological and social impacts.

PHASE 1: SOLID FOUNDATION

Center in Praia

- **Processing of metal, plastic, and paper:** Establishing a robust center for recycling diverse materials.
- **450 tons annual capacity:** An ambitious target to manage significant waste volumes.
- **45 new local jobs:** Creating employment opportunities for the community.
- **Certified professional team:** Assembling a team with expertise in recycling to ensure efficiency.

Impact on the Community

- **25 participating schools:** Engaging educational institutions to raise awareness.
- **10 active neighborhood projects:** Fostering community involvement in recycling efforts.
- **Support for local entrepreneurs:** Encouraging sustainable practices among local businesses.

Modern Infrastructure

- **High-efficiency sorting center:** Enabling optimal processing of recyclable materials.
- **Strategic collection system:** Implementing an effective system to gather materials.
- **Advanced equipment:** Ensuring effective recycling with state-of-the-art technology.

Direct Results

- **Operational center in the first quarter:** An early milestone for the project.
- **Half of capacity reached in the first year:** Aiming for rapid scalability.
- **First exported materials:** Demonstrating success through international trade.

PHASE 2: GROWTH AND IMPROVEMENT

Significant Expansion

- **700 tons processed annually:** Increasing the scale of operations.
- **Extended reach:** Expanding services to neighboring municipalities.
- **35% more operational efficiency:** Achieving improvements through process optimization.

New Materials

- **Glass recycling:** Reducing waste by incorporating glass materials.
- **Electronics processing:** Implementing responsible waste management for electronics.
- **Composting initiatives:** Promoting organic waste management.

Increased Reach

- **50 schools integrated:** Doubling the educational outreach.
- **20 active community projects:** Strengthening community involvement.
- **More professional opportunities:** Continuing to provide jobs for the local population.

Notable Progress

- **75% of capacity in operation:** Aiming for near-full utilization.
- **Operational glass system:** Enhancing recycling possibilities.
- **Electronics collection setup:** Improving waste management practices.

PHASE 3: ISLAND CONNECTION

São Vicente

- **Center with 350 tons annual capacity:** Tailoring programs to local needs.
- **30 new jobs:** Contributing to the local economy.

Sal

- **Focus on tourism sector:** Implementing sustainable practices for tourism.
- **Partnerships with hotels and resorts:** Collaborating for effective waste management.
- **250 tons processed annually:** Specializing in plastic and glass recycling.

Boa Vista

- **Tourism-adapted unit:** Addressing local tourism needs.
- **200 tons annual capacity:** Managing substantial waste volumes.
- **25 direct jobs:** Supporting the local workforce.

Integrated Network

- **Inter-island logistics system:** Ensuring efficient transportation.
- **Standardized processes:** Maintaining consistent quality.
- **Centralized management:** Reducing costs through efficiency.

Visible Impact

- **Cleaner beaches:** Enhancing the tourist experience with well-maintained beaches.
- **Efficient island logistics:** Improving operational effectiveness.

PHASE 4: INNOVATIVE PRODUCTS

Local Solutions

- **Recycled building materials:** Creating construction materials from waste.
- **Recycled packaging:** Producing eco-friendly packaging solutions.
- **Crafts from recycled glass:** Encouraging local artistry with sustainable materials.
- **Organic compost:** Enhancing agricultural practices through improved soil fertility.

Circular Economy

- **Strengthened local markets:** Supporting sustainable product availability.
- **Certified products:** Ensuring quality through certifications.
- **Partnerships for innovation:** Collaborating with craftsmen and industries.
- **Maximized local processing:** Fostering economic growth by reducing exports.

Constant Innovation

- **University partnerships:** Engaging in research and development.
- **Testing and research laboratory:** Developing new solutions.
- **Climate-adapted solutions:** Ensuring relevance in local contexts.
- **Low water consumption technologies:** Prioritizing sustainability.

Tangible Achievements

- **First recycled building materials:** Innovating in construction.
- **Operational research center:** Continuously driving innovation.
- **Reduced exports:** Focusing on local processing.

PHASE 5: FULL COVERAGE

National Reach

- **Units in Santiago's interior:** Extending coverage to rural areas.
- **Mobile solutions for smaller islands:** Ensuring accessibility.
- **Collection points on all islands:** Facilitating easy access.
- **Regionalized strategies:** Enhancing effectiveness through tailored approaches.

Complete System

- **Minimal waste processing:** Ensuring all recyclable materials are utilized.
- **Solutions for complex waste:** Addressing hazardous waste management.
- **"Zero Waste" communities:** Aiming for maximal sustainability.

- **Integration with sustainable tourism:** Creating economic synergy.

Effective Policy

- **Government partnership:** Securing policy support.
- **National standards:** Establishing consistency and quality.
- **Economic incentives:** Encouraging participation.
- **Participatory governance:** Fostering inclusive decision-making.

Real Transformation

- **90% population access:** Expanding recycling accessibility.
- **Fully functional system:** Demonstrating sustainability at a national level.
- **Replicable model:** Serving as an example for other nations.

INNOVATIVE FUTURE

Advanced Technology

- **AI sorting:** Increasing precision in recycling processes.
- **Real-time IoT monitoring:** Enhancing efficiency.
- **Blockchain traceability:** Ensuring transparency.
- **Energy-efficient operations:** Prioritizing cost-effectiveness.

Climate Resilience

- **Water reuse systems:** Maximizing resource efficiency.
- **Solar energy implementation:** Ensuring sustainable energy use.
- **Carbon neutrality goal:** Committing to environmental responsibility.
- **Climate-resilient infrastructure:** Ensuring durability against climate events.

Regional Leadership

- **Knowledge center recognition:** Providing education and training.
- **Global capacity building:** Impacting beyond national borders.
- **Continuous research:** Encouraging ongoing innovation.
- **Strategic partnerships:** Promoting shared progress.

TRANSFORMATIVE IMPACT

- **2,000+ tons recycled annually:** Significant waste reduction efforts.
- **250+ sustainable jobs:** Boosting employment and economic stability.

MEASURABLE OBJECTIVES

Environmental Impact

- **95% reduction in beach plastic pollution:** Aiming for cleaner marine environments.

Recycling Efficiency

- **75% urban recycling rate:** Encouraging effective waste separation and reuse.

Economic Benefits

- **€2+ million annual economic value:** Generating significant economic benefits for local communities.

GET INVOLVED

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Contact us to learn more about how you can contribute to a cleaner and more prosperous Cape Verde:

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Together for a cleaner and more prosperous Cape Verde.