



Circular Economy Sustainable Strategy

Lemon Tree Houses



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Introduction

In today's business landscape, companies are increasingly recognizing the need to move from traditional linear models of production and consumption to more sustainable, circular economy frameworks. This shift is not just a trend but a strategic necessity, driven by the urgent need to reduce environmental impacts, improve resource efficiency, and ensure long-term economic viability.

A circular economy rethinks the lifecycle of products and materials, focusing on reducing waste and continually repurposing resources. This shift requires a fundamental rethinking of product design, supply chain management, and end-of-life processes.

Embracing a circular economy enables companies to create new value, reduce reliance on finite resources, and gain a competitive edge in a market increasingly driven by sustainability-minded consumers and stakeholders. This transition not only supports global sustainability goals but also positions businesses to thrive in an economy where efficiency, resilience, and ecological balance are the key.



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Greening our Visitors



Period Total Unique Visitors: 200

ENERGY

Total Consumption per Visitor: 77,36 kWh

Total Cost per Visitor: 113,20 €

WATER

Total Consumption per Visitor: 76,25 M3

Average Cost per Visitor: 4,91 €

WASTE

<0,6 Kg



Period Total Unique Visitors: 200

ENERGY

Total Consumption per Visitor: 69,62 kWh

Total Cost per Visitor: 101,88 €

WATER

Total Consumption per Visitor: 57,19 M3

Average Cost per Visitor: 3,68 €

WASTE

<0,4



!Educated, Climate Aware Visitors



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The Importance of Circularity Approach for Lemon Tree Houses



At Lemon Trees Houses sustainable tourism is the tourism that takes full account of its current and future economic, social, and environmental impacts while addressing the needs of visitors, the industry, the environment, and local communities. Therefore, we aim to reduce our negative effects and increase our positive impacts.

The following circular economy action plan for the Lemon Trees Houses promotes the hotel's sustainability by focusing on minimizing energy losses, resources waste and making the most of available infrastructure. The action plan focuses on activities and specific objectives categorized under three key priorities: energy consumption, water consumption, waste production. The progress relating to the priorities will be monitored according to the supplied monitoring tools and followed by tangible and specific KPIs as presented per Priority.



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Villas: Facilities & Services

Villa Citron

- Up to 3-4 guests
- 40 sqm

Villa Quince

- Up to 5 guests
- 45 sqm

Villa Etrog

- Up to 3-4 guests
- 40 sqm

Villa Bergamia

- Up to 3-4 guests
- 40 sqm

Villa Nimbu

- Up to 3-4 guests
- 40 sqm

- Double king size bed
- Bathroom with cabin shower & upgraded bathroom amenities
- A spacious living room with a comfy sofa bed
- Kitchenette with mini bar fridge
- 32' led flat-screen TV with cable channels option
- In-house 10'' tablet for web browsing and access to additional offers and services as well as online reception

- Telephone, fax
- Safe box
- Air-conditioning & heating
- Hairdryer
- Bathrobe and slippers, pool towels
- 2 private terraces with furniture overlooking the Aegean Sea
- Daily housekeeping service
- Transfers on arrival and departure
- Pet Friendly Accommodation
- Infinity pool

- Free Parking
- Breakfast and restaurant
- Laundry service
- Wedding and Event Services
- Sun loungers and umbrellas
- Reception desk
- Car & motorbike rental services
- Sailing boat chartering and excursions services
- Accessible for people with limited mobility



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Circular Economic Model

Our Circular Economic Model represents a transformative approach to traditional linear economic systems. Unlike the linear model, which follows a 'take-make-dispose' pattern, the circular model is designed to be restorative and regenerative by intention and design. It emphasizes keeping products, components, and materials at their highest utility and value always. Specifically, our Circular Model includes the initial core principles of the circular economy, known as **the 3 Rs (Reduce-Reuse-Recycle)**.

1

Circular Supply Chains

Source materials that are fit for a CE (pure, non-toxic, tolerating long and multiple lifecycles with low value depreciation)

2

Recovery & Recycling

Recovering embedded energy and resources from waste streams or by-products



3

Product Life Extension

Extend product's life through repair, maintenance, upgrades, resale, or remanufacturing

4

Sharing Platform

Collaborative models to increase material and product utilization ratios and asset recirculation

5

Product as a Service

Offering access over ownership, selling product functionality without change of product ownership



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Priority 1: Energy Consumption

Specific
Objective

1.1 Energy
efficient
building

1.1.1 Assessing and Upgrading in walls,
roofs, and floors in all hotel buildings

1.1.2 Install energy-efficient
windows and doors in all hotel
buildings

Specific
Objective

1.2 Energy
efficient
appliances

1.2.1 Implement lighting controls and
sensors in all hotel buildings



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Priority 2: Water Consumption

Specific
Objective
2.1 Smart
Water
Flow
Fixtures

2.1.1 Smart Efficient Watering Systems

Specific
Objective
2.2 Water-
Efficient
Practices

2.2.1 Implementing Water Metering
and Monitoring

✓ **Participant in “Zero drop” campaign of Coca Cola**

The Zero Drop water resources protection program is implementing water saving technical solutions in areas facing intense water scarcity, while raising awareness and building capacities to better manage and conserve water resources.

✓ **Certified on environmental sustainability practices**



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Priority 3: Waste Production and Management



Specific Objective
3.1 Reduction of Waste Production and Enabling of Separate Waste Flows

3.1.1 Adoption of Waste Separation Scheme for Operation

3.1.2 Acquiring of Composter for Composting organic waste

3.1.3 Information Material for Customers (digital via QR Code)

Specific Objective
3.2 Phasing out of Single Use Items

3.2.1 Adoption of non single use Food and Beverages Containers Policy

3.2.2 Adoption of Refillable toiletries

Specific Objective
3.3 Transition to Digital (Non paper operation)

3.3.1 Expand of digitalization of operation to paperless

Specific Objective
3.4 Food Waste Reduction

3.4.1 Food Waste Reduction Scheme and Information for Clients

3.4.2 Introduction of Personalized Rations Scheme according to client needs

RECYCLE

RETHINK

REFUCE



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LET'S PROTECT THE EARTH TOGETHER

Lemon Tree Houses

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