

A lush garden scene with numerous tall palm trees, dense green foliage, and a well-manicured lawn. In the foreground, there are various plants and flowers. In the background, a white metal outdoor dining set with a table and chairs is visible on the right side. A small, ornate garden lamp is also present in the middle ground.

# LA SULTANA IMPACT ASSESSMENT 2022



*This report presents the quantitative impacts of our operations and complements our Conservation & Sustainability philosophy brochure which presents a qualitative assessment of our initiatives.*

*We strive to be transparent about the weight of our operations and challenge ourselves to improve our practices, minimize and offset the impact of our operational activities gradually.*





# 1. 2022'S SUSTAINABLE ACHIEVEMENTS



## *New earth-friendly investment*

We have invested in a water production unit at La Sultana Oualidia. Based on our estimates, we will save over 18,000 glass bottles being carried around by trucks.

## *Organic Garden*

To offer the best flavour in every dish and to reduce our carbon footprint, we produce our own organic vegetables in a communal garden in Marrakesh and on our land at La Sultana Oualidia.

In 2022, we produced 4 690 kg of vegetables and herbs. We produced large quantity of zucchinis, carrots, lettuces, tomatoes, and a large variety of crops with over 50 references grown in the garden.

## *The big impact of small decisions*

Our Restaurant is really the place where attention to local & quality sourcing is high. Our purchasing policy has been extended to include specific care to only purchase free-range chicken, cage-free eggs and establish our seafood policy (small boats fishing, seasonality of seafood, excluding endangered species like shark...)





## 2. CARBON FOOTPRINT SUMMARY

### Carbon Footprint

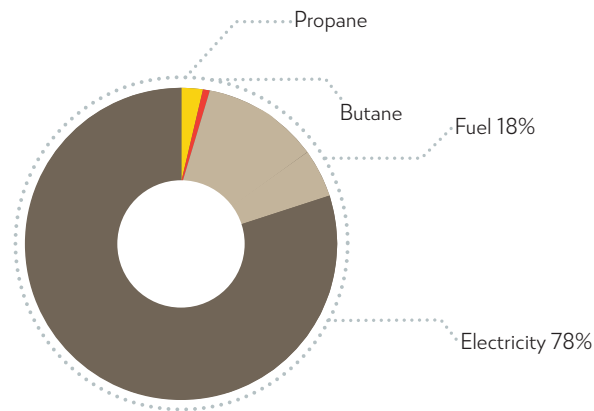
Our total carbon footprint for 2022 is 1027 tons of CO2 for the operation of both La Sultana Marrakech and La Sultana Oualidia (total carbon footprint for 2021 was 868 tons of CO2).

TABLE 1: DIRECT EMISSIONS

La Sultana properties 2022		Electricity «A»		Diesel (Stationary) «B»		Propane «C»		Butane «D»		Total A+B+C+D
		Kw/h	MTCo2	L	MTCo2	Kg	MTCo2	Kg	MTCo2	MTCo2
La Sultana Marrakech		580246	405.6	33000	94.6	4320	13.5	3420	10.3	524
La Sultana Oualidia		570989	399.1	31206	89.5	3944	12.3	600	1.8	503
	Total	1151235	804.7	64206	184.1	8264	25.8	4020	12.1	1027

TABLE 2: TYPE OF DIRECT EMISSIONS

CARBON EMISSIONS  
LA SULTANA PROPERTIES





The management of our carbon footprint is a key component of our commitment. We collect and report data on all our properties’ activities and equipment that emit greenhouse gases.

*Per-room-night comparisons*

Another useful approach for comparing the carbon footprints of each property is to interpret the emissions through a measure of ‘per-unit’ emissions such as per occupied rooms. This is defined as:

$$\frac{\text{Total carbon footprint}}{\text{Total occupied rooms}}$$

In 2022, the carbon footprint per occupied room of La Sultana Marrakech was 88KgCo2 and 220KgCo2 at La Sultana Oualidia.

*Water*

La Sultana Marrakech used 11 232 cubic meters of water in 2022.  
At the same time, La Sultana Oualidia utilizes solely desalinated sea water which is, once used, 100% recycled below ground and as such the impact of this natural resource is nil.

La Sultana properties 2022		Water
		M3
La Sultana Marrakech		11 232
La Sultana Oualidia		-
	Total	11 232





### Creation of a **Positive Impact** for La Sultana

We have converted our CO2 emissions to a Dirham value using a conversion factor of MAD350 per ton of CO2<sup>1</sup>.

Starting from 2022, we pledge to allocate 50% of our carbon emissions evaluation to a **Positive Impact** fund to finance earth-friendly projects and charities. Our financial contribution fosters activities that have positive impacts for Moroccan people and communities.

<sup>[1]</sup> We, at La Sultana, decided to set a long-term internal price on carbon to invest in sustainable development projects. The cost of 350 MAD per ton of carbon emissions, in line with yearly report on carbon credit pricing, is used to better understand the impact of our operations and incentivize low carbon innovations within each property, cutting our company's energy use and carbon pollution.

Sources: Gold Standard, "Carbon pricing: setting internal price on carbon" & 8 Billion trees, "Carbon credit pricing", January 2023

In 2022, our fund for Positive Impact represents 180 000 MAD and has been spent as per the table below on regenerative projects and third parties' charities based in Morocco:

in MAD	2022
Mitigation project	
<i>Drinking water production at La Sultana Oualidia</i>	100 000
Financial support to charities in addition to guests' contributions	
<i>Les enfants Dar Boudiar</i>	50 000
Biodiversity regenerative projects	
<i>Beach clean-ups (Oualidia)</i>	30 000
<i>Bird infirmary (Oualidia)</i>	
Total expenditure on regenerative projects and third parties	180 000

#### *Mitigation project – water production*

La Sultana is proud to have invested 100 000 MAD this year to implement a water production unit for still & sparkling water at La Sultana Oualidia. Ecological gains are tremendous, avoiding plastic and transportation of glass bottles from suppliers while offering the best quality at all times. The same investment is now scheduled for La Sultana Marrakech in 2023.

#### *Charities*

In 2022, La Sultana contributed 50 000 MAD to the Charity Dar Boudiar in addition to guests' contributions and staff volunteering to visit the kids and help with the maintenance.

#### *Biodiversity regenerative project - Beach clean-ups*

La Sultana invests in the natural reserve of Oualidia, working on the protection of birds and on cleaning of the shores. As well as the daily clean-up near the property, each year, the whole team allocates one full day to clean the lagoon. This represents a budget of MAD 30 000 in wages & equipment to make a significant impact for the natural reserve and the population of Oualidia.





## PLANS FOR 2023:

As the year 2023 begins, we are anticipating the following projects this year:

- . Still & Sparkling production unit for La Sultana Marrakech
- . Electricity consulting to confirm data and to diminish our consumption by 3%
- . Electric car charging unit in Oualidia

