

Interim Sustainability Report July 2025 – Luciole Restaurant

FOR THE PERIOD BETWEEN 01/01/2025 – 30/06/2025

WASTE GENERATION & RECYCLING

<i>Waste Type</i>	<i>Per Week (kg)</i>	<i>Per Month (kg)</i>	<i>Per Year (kg) ESTIMATE</i>	<i>Per Customer (kg)</i>
<i>Glass</i>	<i>26.43</i>	<i>114.53</i>	<i>1374.36</i>	<i>0.59</i>
<i>Cardboard</i>	<i>2.45</i>	<i>10.6</i>	<i>127.4</i>	<i>0.054</i>
<i>Food</i>	<i>1.4</i>	<i>6.1</i>	<i>74</i>	<i>0.031</i>
<i>Other</i>	<i>17.84</i>	<i>77.3</i>	<i>927.6</i>	<i>0.39</i>
<i>Total</i>	<i>48.12</i>	<i>208.53</i>	<i>2503.36</i>	<i>1.065</i>

<i>Waste Type</i>	<i>CO2 Per Week (kg)</i>	<i>CO2 Per Month (kg)</i>	<i>CO2 Per Year (kg) ESTIMATE</i>	<i>CO2 Per Customer (kg)</i>
<i>Glass</i>	<i>11.36</i>	<i>49.2</i>	<i>590.97</i>	<i>0.25</i>
<i>Cardboard</i>	<i>0.049</i>	<i>0.212</i>	<i>2.55</i>	<i>0.0011</i>
<i>Food</i>	<i>3.5</i>	<i>15.25</i>	<i>185</i>	<i>0.078</i>
<i>Other</i>	<i>0.57</i>	<i>2.47</i>	<i>29.68</i>	<i>0.012</i>
<i>Total</i>	<i>15.5</i>	<i>67.13</i>	<i>808.2</i>	<i>0.34</i>

ENERGY USE

<i>Energy Type</i>	<i>Per Week (kW/h)</i>	<i>Per Month (kW/h)</i>	<i>Per Year (kW/h) ESTIMATE</i>	<i>Per Customer (kW/h)</i>
<i>Coal</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>

<i>Electricity</i>	296.11	1283.14	15397.78	6.9
<i>Gas</i>	105.84	458.64	5503.68	2.4
<i>Incinerator</i>	205.85	892.02	10704.2	4.57
<i>Total</i>	607.8	2633.8	31605.66	13.87
	401.95	1741.78	20901.46	9.3

<i>Energy Type</i>	<i>CO2 Per Week (kg)</i>	<i>CO2 Per Month (kg)</i>	<i>CO2 Per Year (Kg) ESTIMATE</i>	<i>CO2 Per Customer (Kg)</i>
<i>Coal</i>	0	0	0	0
<i>Electricity</i>	97.7	423.4	5081.26	2.3
<i>Gas</i>	23.2	100.9	1210.8	0.52
<i>Incinerator</i>	6.5	28.5	342.5	0.15
<i>Total</i>	127.4	552.8	6634.56	2.97
	120.9	524.3	6292.06	2.82

WATER USE

<i>Usage Type</i>	<i>Per Week (L)</i>	<i>Per Month (L)</i>	<i>Per Year (L) ESTIMATE</i>	<i>Per Customer (L)</i>
<i>Cooking</i>	16.85	67.4	808.8	0.37
<i>In-Service</i>	32	138.6	1664	0.7
<i>Cleaning</i>	27	117	1404	0.6
<i>Total</i>	75.85	323	3876	1.7

<i>Usage Type</i>	<i>CO2 Per Week (kg)</i>	<i>CO2 Per Month (kg)</i>	<i>CO2 Per Year (Kg) ESTIMATE</i>	<i>CO2 Per Customer (Kg)</i>
<i>Cooking</i>	0.0078	0.03	0.37	0.00017
<i>In-Service</i>	0.015	0.06	0.77	0.0003
<i>Cleaning</i>	0.01	0.05	0.64	0.0002

<i>Total</i>	<i>0.03</i>	<i>0.15</i>	<i>1.8</i>	<i>0.0007</i>
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USE OF TRANSPORT

<i>Transport Type</i>	<i>Per Week (km)</i>	<i>Per Month(km)</i>	<i>Per Year (km) ESTIMATE</i>	<i>Per Customer (km)</i>
<i>Commuting</i>	<i>119</i>	<i>515.27</i>	<i>5474</i>	<i>2.6</i>
<i>Delivery (Region Lucerne)</i>	<i>143</i>	<i>619.6</i>	<i>7436</i>	<i>3</i>
<i>Delivery (Region Neuchatel)</i>	<i>18.2</i>	<i>79.2</i>	<i>950.4</i>	<i>0.4</i>
<i>Delivery (Region Lausanne)</i>	<i>33.5</i>	<i>145.1</i>	<i>1742</i>	<i>0.7</i>
<i>Other</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Total</i>	<i>313.7</i>	<i>1359.17</i>	<i>15602.4</i>	<i>6.9</i>
	<i>119</i>	<i>515.27</i>	<i>5474</i>	<i>2.6</i>

<i>Transport Type</i>	<i>CO2 Per Week (kg)</i>	<i>CO2 Per Month (kg)</i>	<i>CO2 Per Year (kg) ESTIMATE</i>	<i>CO2 Per Customer (kg)</i>
<i>Commuting</i>	<i>10.71</i>	<i>46.4</i>	<i>492.66</i>	<i>0.2</i>
<i>Delivery (Region Lucerne)</i>	<i>12.87</i>	<i>55.76</i>	<i>669.24</i>	<i>0.27</i>
<i>Delivery (Region Neuchatel)</i>	<i>1.6</i>	<i>7.1</i>	<i>85.5</i>	<i>0.036</i>
<i>Delivery (Region Lausanne)</i>	<i>3</i>	<i>13.1</i>	<i>156.7</i>	<i>0.06</i>
<i>Other (imports)</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>

<i>Total</i>	28.18	122.36	1404.1	0.57
	10.71	46.4	492.66	0.2

SUPPLY CHAIN

<i>Service</i>	<i>Per Week (CHF)</i>	<i>Per Month (CHF)</i>	<i>Per Year (CHF)</i> <i>ESTIMATE</i>	<i>Per Customer (CHF)</i>
<i>Food & Drink</i>	1,150	4983	59800	25.5
<i>Ceramics</i>	48.4	210	2520	1.07
<i>Glassware</i>	26.9	116.6	1400	0.6
<i>Other</i>	1,153.8	5000	60000	25.64
<i>Total</i>	2379.1	10309.6	123720	52.81

<i>Service</i>	<i>CO2 Per Week (kg)</i>	<i>CO2 Per Month (kg)</i>	<i>CO2 Per Year (kg)</i> <i>ESTIMATE</i>	<i>CO2 Per Customer (kg)</i>
<i>Food & Drink</i>	241.5	1037	12558	5.4
<i>Ceramics</i>	10.2	44.1	529.2	0.22
<i>Glassware</i>	5.6	24.5	294	0.13
<i>Other</i>	2042.3	1050	12600	5.38
<i>Total</i>	499.6	2165	25981.2	11.09

TOTAL

<i>Source</i>	<i>CO2 Per Week (kg)</i>	<i>CO2 Per Month (kg)</i>	<i>CO2 Per Year (kg)</i> <i>ESTIMATE</i>	<i>CO2 Per Customer (kg)</i>
<i>Waste</i>	15.5	67.13	808.2	0.34
<i>Energy</i>	127.4	552.8	6634.56	2.97
	120.9	524.3	6292.06	2.82
<i>Water</i>	0.03	0.15	1.8	0.0007

Transport	28.18 10.71	122.36 46.4	1404.1 492.66	0.57 0.2
Supply Chain	499.6	2165	25981.2	11.09
Total	802.32 646.74	3478.14 2802.98	41614.58 33575.92	18 14.5

UP ↑

NO CHANGE

DOWN ↓

Source	CO2 Emmissions
Waste	94 ↓
Energy	86.6 ↓ 59.7 ↓
Water	99 ↓
Transport	91 ↓ 514 ↓
Supply Chain	145 ↑
Total	60 ↓ 49.7 ↓

Average meal output 2024 = 1.9 kilos/1,2 kilos of CO2 per dish per hour

Average meal output 2025 = 1.3 kilos /0.74 kilos of CO2 per dish per hour, approximately 31/38% decrease in emissions vs. 2024.

GOALS TRACKING

ELIMINATE VANILLA ✓

VANILLA WAS LAST PURCHASED IN JAN 25' WITH THE FINAL VANILLA POD BEING PROCESSED IN APRIL 2025. THERE IS STILL A SURPLUS OF VANILLA SUGAR WHICH WILL HAVE BEEN CONSUMED BY THE END OF THE YEAR. SINCE THE START OF SPRING WE HAVE BEEN STOCKING UP AND PRESERVING SWEET WOODRUFF AND SWEET CLOVER WHICH HAS BEEN INCREASINGLY REPLACING VANILLA ACROSS THE MENU. SINCE MAY 2025 YOU COULD ONLY FIND VANILLA PRESENT IN OUR MADELEINE DURING PETITE FOURS.

REDUCE CHOCOLATE USED ✓

CHOCOLATE IS NOW ONLY SERVED ON OUR PETITE FOURS AND AS A TEXTURISER IN SMALL QUANTITIES, WE CEASED USE AS A STAND ALONE INGREDIENT IN JANUARY 2025

JOIN BIOSUISSE ✓

WE JOINED BIOSUISSE IN MAY 2025, GOING ON TO A 2* RATING WHICH WE WILL CONTINUE TO REVIEW IN AN EFFORT TO ACHIEVE THE TOP, 3* RATING.

WORK MICRO-SEASONALLY ✓

SINCE JANUARY 2025 MENUS HAVE CHANGED MONTHLY.

GROW OUR ORGANIC RANGE OF DRINKS ✓

WE HAVE GROWN OUR DRINKS CARD SEASONALLY, SOURCING EXCLUSIVELY ORGANIC DRINKS.

INVEST IN INSULATION FOR THE PREMESIS ✓

THROUGH THE WINTER OF 2025 WE HAVE FULL INSULATED ALL AREAS OF LUCIOLE RESTAURANT, CUSTOMER FACING AND PRIVATE.

EXPLORE SUSTAINABLE ENERGY OPTIONS ✗

WE HAVE NOT HAD THE TIME TO EXPLORE THESE OPTIONS THOUGH IT REMAINS A TOP PRIORITY.

REDUCE FOOD WASTE TO 2% OF PURCHASED GOODS ✓

EXPLORE ADDITIONAL EMISSION OFFSET OPTIONS FOR CLIENTS ✗

WE HAVE NOT HAD THE TIME TO EXPLORE THESE OPTIONS THOUGH IT REMAINS A TOP PRIORITY.

REDUCE BAR WASTE ✓

BAR WASTE HAS BEEN SIGNIFICANTLY REDUCED VS. 2024

DONATE 211 TREES TO BE PLANTED IN NEUCHÂTEL TO OFFSET THE CARBON EMISSIONS OF 2024 ✓

THE TREES DONATED WILL BE PLANTED IN NEUCHÂTEL BY ALMIGHTY TREE IN SEPTEMBER OF 2025.

SUPPORT OUR COMMUNITY ✓

LUCIOLE WILL BE TAKING PART IN AN UPCOMING CITY EVENT AND WILL DONATE ALL PROFITS FROM THE EVENT TO OUR LOCAL FOOD BANK.

DONATE ADDITIONAL TREES ✗

WE HAVE NOT HAD FINANCIAL SECURITY TO DONATE BEYOND OUR INITIAL CONTRIBUTION. HOWEVER WE ARE COMMITTED TO WORKING IN CONJUNCTION WITH OUR LOCAL COMMUNITY TO MAKE LA CHAUX-DE-FONDS, AND SWITZERLAND, CARBON NEUTRAL.

CONTINUE TO CELEBRATE LOCAL PRODUCERS ✓

LOCAL PRODUCERS REMAIN THE FOCUS OF OUR WORK. WE TAKE GREAT PRIDE IN CELEBRATING OUR REGION AND ARE THRILLED TO BE ABLE TO SHARE THAT WE HAVE BEEN ABLE TO INCREASE THE VOLUME OF LOCAL PRODUCE PURCHASED BY MORE THAN 147% VS. 2024. THIS IS A DIRECT RESULT OF WORKING MICRO-SEASONALLY.

