

HOTEL A — WATERFRONT • GRIFFON GR500 • SAMPLE

# Food Waste Data Statement

Period 1 July – 22 September 2026. Measured on the machine, structured to GRI 306, ESRS E5-5 and HWMM — for the hotel's sustainability report.

| FOOD WASTE GENERATED AND TREATED | DIVERSION RATE FROM DISPOSAL | NET AVOIDED EMISSIONS (ESTIMATE) |
|----------------------------------|------------------------------|----------------------------------|
| 36.2 t                           | 100 %                        | 26.7 t CO <sub>2e</sub>          |

## 1. Scope and boundaries

What this statement covers and what it does not.

|                     |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Organisation        | Hotel A — Waterfront (name and location anonymised)                                    |
| Point of generation | main hotel kitchen                                                                     |
| Waste stream        | food waste (biodegradable kitchen waste), non-hazardous; EWC code 20 01 08             |
| Included            | all food waste loaded into the GR500 unit (SN DEMO-GR500-A)                            |
| Excluded            | packaging, cooking oil, other municipal waste; food waste disposed of outside the unit |
| Treatment           | recovery at point of generation — aerobic digestion (R3 under Directive 2008/98/EC)    |
| Period              | 1 July – 22 September 2026 (84 days)                                                   |

## 2. Data source and quality

How the figures were produced.

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Measurement       | machine scale (4 load cells), automatic reading 1×/min; daily total from the PLC |
| Transfer          | automatic, no manual entry; stored in the Griffon system                         |
| Coverage          | 84 of 84 days with data (100 %); no estimated days                               |
| Scale calibration | at installation, 23 June 2026 (service order)                                    |
| Verification      | internal (Griffon); not verified by an independent third party                   |
| Raw data          | daily kg, XLS, on request                                                        |

## 3. Waste per GRI 306-3 / 306-4 / 306-5 and ESRS E5-5

In tonnes. Diverted from disposal = recovery at point of generation. Directed to disposal = landfill, incineration, other.

| MONTH                 | GENERATED (306-3) | DIVERTED FROM DISPOSAL (306-4) | DIRECTED TO DISPOSAL (306-5) | DIVERSION RATE |
|-----------------------|-------------------|--------------------------------|------------------------------|----------------|
| July 2026             | 14.0              | 14.0                           | 0.0                          | 100 %          |
| August 2026           | 13.6              | 13.6                           | 0.0                          | 100 %          |
| September 2026 (1–22) | 8.6               | 8.6                            | 0.0                          | 100 %          |
| <b>Total</b>          | <b>36.2</b>       | <b>36.2</b>                    | <b>0.0</b>                   | <b>100 %</b>   |

4. Hospitality indicators (HWMM / HCMI)

Normalised values for comparison across properties and years.

| INDICATOR                               | VALUE                                  |
|-----------------------------------------|----------------------------------------|
| Total food waste in period              | 36.2 t                                 |
| Average per day                         | 431 kg                                 |
| Food waste per guest night (HCMI basis) | 0.95 kg (38,000 guest nights — sample) |
| Food waste per m² (HWMM basis)          | 4.3 kg/m² (8,500 m² — sample)          |
| Food waste diversion rate               | 100 %                                  |

Guest nights and floor area are provided by the hotel (illustrative here). The statement is issued as version 1.1 with confirmed indicators.

6. Wording for the hotel's report

Ready to reuse, citing this statement as the source.

"Between 1 July and 22 September 2026 the hotel treated 36.2 t of food residues (food waste, 20 01 08) at the point of generation by aerobic digestion (GRI 306-4: diverted from disposal), with nothing sent to landfill (GRI 306-5: 0 t). On a conservative estimate this avoided 26.7 t CO<sub>2</sub>e compared with landfilling."

ESRS E5-5: food waste, non-hazardous, 36.2 t; diverted from disposal — other recovery: 36.2 t; directed to disposal: 0 t.

5. Greenhouse gas emissions

Emissions avoided by treating at the point of generation instead of landfilling.

| ITEM                                                                                                                                                                                                                                                                   | KG CO <sub>2</sub> E / T      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Landfill with 70 % CH <sub>4</sub> capture (flaring), food waste, weighted average — Moulton et al., Food Policy 2018; adopted in University of Zagreb, Faculty of Geotechnical Engineering, "Carbon footprint of food waste in the hospitality sector", 2022, table 5 | 791                           |
| Avoided transport of waste to the treatment site: 60 km × 0.20 kg CO <sub>2</sub> e/km·t (same source, ch. 4.4)                                                                                                                                                        | 12                            |
| Electricity of the unit: 26.7–50 kWh/t (average of 4 models; GR500 32.6 kWh/t) × 0.60 kg CO <sub>2</sub> e/kWh Croatian grid (Scarlat et al. 2022) — UNIZG 2022, table 6                                                                                               | – 21.4                        |
| Process emissions of aerobic treatment — not covered by the study; composting per Moulton et al. 2018 used as a conservative proxy                                                                                                                                     | – 44                          |
| <b>Net factor</b>                                                                                                                                                                                                                                                      | <b>737.6</b>                  |
| <b>Net avoided emissions in period (36.2 t × 0.738)</b>                                                                                                                                                                                                                | <b>26.7 t CO<sub>2</sub>e</b> |

Limitations: (1) the landfill scenario is conservative (70 % gas capture); for a landfill without a gas collection system the same source gives 2,965 kg/t (net 2,912 kg/t) — comparable with international factors (UK DESNZ 2026: 700 kg/t with capture; NZ MfE 2026: 1,848 kg/t without); (2) biogenic CO<sub>2</sub> excluded per the GHG Protocol; (3) emissions from food production are not included — those are avoided only by reducing the quantity of waste; (4) avoided emissions are a comparison with the disposal scenario, not a reduction within the hotel's Scope 1–3, and are reported as such; (5) electricity consumption from the unit specification, not from metering.

7. Attestation

The issuer confirms that the data were read automatically from the machine and were not manually altered.

|                                                                                          |                                                        |
|------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Griffon Waste Management d.o.o.<br>manufacturer and authorised service · date, signature | Hotel A — Waterfront<br>for the user · date, signature |
|------------------------------------------------------------------------------------------|--------------------------------------------------------|

References: GRI 306: Waste 2020 · ESRS E5 (Commission Delegated Regulation (EU) 2023/2772) · Hotel Waste Measurement Methodology, World Sustainable Hospitality Alliance · GHG Protocol Corporate Standard · University of Zagreb, Faculty of Geotechnical Engineering: Carbon footprint of food waste in the hospitality sector, Varaždin, 2022 (ref. 602-04/22-16/04) · Moulton, Allan, Hewitt, Berners-Lee, Food Policy 77 (2018) 50–58 · Scarlat, Prussi, Padella, Applied Energy 305 (2022).