

PRODUCT

Recycled Cotton Tote — 180 g

Prepared for Aurora Coffee Roasters · SKU AC-TOTE-180R · Quantity 2,500 units

CRADLE-TO-GRAVE FOOTPRINT (PER UNIT)

0.59 kgCO₂eBatch total at 2,500 units: 1,477.00 kg CO₂e

Best-in-class range

● HIGH confidence — validated methodology

LIFECYCLE BREAKDOWN — KG CO₂E PER UNIT

Raw materials	0.324	55%
Manufacturing	0.071	12%
Packaging	0.019	3%
Transport	0.007	1%
Decoration	0.160	27%
End of life	0.009	2%

CALCULATION INPUTS

PRODUCT WEIGHT	180g per unit
MATERIALS	Recycled Cotton (100%)
ORIGIN → DESTINATION	Portugal → United Kingdom · grid 0.160 kg CO ₂ e/kWh (-63% vs global avg)
TRANSPORT	Sea freight · 2,264 km
PACKAGING	Bulk / no packaging
DECORATION	screen · 2 colours
CATEGORY	Tote & Shopping Bags



Calculated with PromoTrace methodology **v1.2.0** — full changelog at app.promotrace.io/methodology

Calculated by **Demo Account**

This is a screen-level life-cycle assessment — not a formal EPD. Cradle-to-grave scope: raw material extraction, manufacturing, packaging, freight transport, and end-of-life treatment. Suitable for client tenders and ESG screening; commission an ISO-14067 EPD for regulatory disclosure.

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