

MASTERKANOPY

GHG ACCOUNTING & **REPORTING**

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OVERVIEW

GHG Accounting and Reporting is the foundation of any credible sustainability or compliance program. This service quantifies your organization's greenhouse gas emissions across Scope 1, 2, and 3 in line with internationally recognized standards (the GHG Protocol and ISO 14064-1) producing a verifiable emissions inventory that can support regulatory submissions, ESG disclosures, investor requests, and internal decision-making.

HOW IT BENEFITS YOU

- Surfaces high-emission activities early, informing **cost-effective reduction strategies**
- **Supports readiness** for frameworks like TCFD, GRI, EcoVadis, and UAE Federal Decree-Law No. 11
- **Strengthens credibility** with investors, clients, and regulators who increasingly expect standardized carbon data
- Unlocks access to **green financing and sustainability-linked loans**
- Improves internal **cost visibility**

SERVICE PHASES

1. SCOPING & BOUNDARY SETTING

- Define organizational and operational boundaries, consolidation approach, and reporting period
- Identify relevant Scope 1, 2 & 3 categories for your business

2. DATA COLLECTION & EMISSION FACTOR SELECTION

- Gather activity data across facilities, fleet, energy, and procurement
- Apply appropriate national/international emission factors (DEFRA, EPA, IPCC, DEWA-specific where relevant)

3. CALCULATION & QUALITY ASSURANCE

- Compute Scope 1, 2, and 3 emissions by category, following GHG Protocol/ISO 14064-1
- Check data integrity, flag estimation gaps, and reconcile inconsistencies

4. REPORTING & VERIFICATION READINESS

- Compile the inventory report, methodology statement, and supporting evidence trail
- Prepare documentation package for third-party assurance (optional, extra charges)

Note: This is a general representation of our process. Actual steps and sequencing may be adapted to suit your organisation's specific needs. The phases above are indicative of our typical approach and may be adjusted based on your company's size, complexity, and individual requirements.

TIMELINE: 6-8 WEEKS*

Stage/Phase	Time
Scoping and boundary setting	2 - 3 days
Data Collection and Emission Factor Selection	2 - 3 weeks
Calculation and Quality Assurance	2 - 3 weeks
Reporting and Verification Readiness	1 week

*Timeline may vary based on company size, number of facilities, data availability or any other unforeseen circumstances

DELIVERABLES

- Complete GHG inventory report (Scope 1, 2 & 3)
- Executive summary suitable for board/investor presentation
- Data collection templates for future reporting cycles

WHO THIS SERVICE IS FOR?

This service is for companies, but not limited to, in the following sectors:

- Oil & Gas
- Manufacturing
- Chemical
- Construction and FM
- Logistics and Transport
- Hospitality
- Retails and FMCG
- Financial Services
- Aviation
- Government-linked Entities

OTHER SERVICES THAT MAY BENEFIT YOU

- ▲ **ENERGY EFFICIENCY AND OPERATIONAL AUDITS**
Comprehensive facility and process assessments
- ▲ **BEHAVIOUR-LED EFFICIENCY PROGRAMS**
Up to 20% reduction through people-centric approaches
- ▲ **UAE CLIMATE LAW COMPLIANCE**
Full Regulatory Compliance Support
- ▲ **SUSTAINABILITY ADVISORY**
Strategy, Target-setting, Roadmap development

THE MASTERKANOPY TEAM



RAHIL VERMA
FOUNDER AND CEO

Rahil is an Energy and Sustainability Consultant with international experience across four continents, specializing in energy efficiency and Net-Zero strategy **with a strong focus on behavior-driven performance**. He delivers measurable savings by pairing technical analysis with workforce engagement and organizational behavior insight.



JINAL ZAVERI
SUSTAINABILITY CONSULTANT

Jinal Zaveri is an award-winning sustainability consultant at Masterkanopy, based in Dubai, specializing in GHG accounting, UAE Climate Law compliance, and ESG reporting. She holds an MSc in Sustainability, Entrepreneurship and Design (First Class, Brunel University, UK) and previously worked as a Sustainability Officer at Aston Group in London, where she delivered a 33.29% reduction in emissions against a 20% target.

MASTERKANOPY

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