



The gco₂ Carbon Management Programme

Overview



gco₂ – the carbon management company

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Overview

The **gco₂** Carbon Management Programme is designed using industry best practice to enable organisations identify, account for, manage and reduce their Carbon Footprints (including other greenhouse gases “GHGs”) in the most efficient, accurate and transparent means available.

The implementation of **gco₂**'s Carbon Management Programme within your organisation will enable you to:

1. Identify your Carbon Footprint
2. Provide a model to track emissions over time
3. Highlight areas of inefficiency within your organisation
4. Plan & implement strategically targeted environmental initiatives
5. Provide independent verification of GHG emissions
6. Enable the transparent reporting of environmental credentials

As carbon management requirements and complexities can vary widely between organisations, **gco₂** can work directly with your organisation to develop a custom designed programme which will enable the ease of introduction of an effective carbon management plan within your existing organisational structure.

About gco₂

gco₂ is Ireland's first scientifically based Carbon Offset Provider and Carbon Management Consultancy. The **gco₂** team have been actively involved in the international carbon markets since 2006 and have amassed a broad network of leading international professionals to ensure we provide an unparalleled service to our clients in all areas of Carbon Management.

gco₂ have secured an exclusive Joint Venture Partnership with FCStone Carbon LLC., part of the NASDAQ listed FCStone Group. This partnership ensures we can provide our clients with the highest quality Carbon Offset Projects at the most competitive prices available.



FCO₂

"Working with gco₂ to combat climate change"

How the gco₂ Carbon Management Programme works...

Step 1:

gco₂ provide a custom designed template to enable your organisation identify, understand and account for its Carbon Footprint. Information (energy bills etc.) is gathered in-house and results are compiled in the template provided and returned to **gco₂**.

Step 2:

gco₂ analyse the data provided in the Carbon Footprint Template and produce a detailed Carbon Management Report, which will highlight:

- ⇒ Current Carbon Footprint based on Data Provided
- ⇒ Recommendations & Explanations on implementing a long term organisational Carbon Management Programme, including:
 - Set Organisational/Operational Boundaries
 - Develop Plan for Tracking Emissions over Time
 - Identifying & Calculating GHG Emissions
 - Managing Inventory Quality
 - Establish Procedures for Accounting for GHG Reductions
 - Establish Procedure for Reporting GHG Emissions
 - Verification of GHG Emissions
 - Setting a GHG Target
 - Carbon Offset Management

- ⇒ Competitive Analysis – Review of international best practice for Carbon Management within your industry
- ⇒ Identify areas where **gco₂** and its network of professionals can help your organisation achieve its short, medium & long term goals, including:
 - a) Management Planning
 - b) Energy Efficiency & Alternative Energy Auditing
 - c) Implementation of Energy Efficiencies and Alternative Energies
 - d) Staff Training
 - e) Greenhouse Gas Calculation & Verification
 - f) High Quality Carbon Offset Portfolio
 - g) gco₂ Carbon Neutral Standard

Step 3:

When your organisation has made an informed decision regarding its Carbon Management Goals, Step 3 involves the planning and implementation of the initiatives required to achieve these goals.

Identifying your Organisation's Carbon Footprint

The **gco₂** Carbon Management Programme utilises the broad accounting structure developed by the GHG Protocol, the most widely used international standard for GHG reporting.

Greenhouse gas emissions can be grouped into three broad categories (or Scopes, see Table), namely:

Scope 1: Direct Emissions

Scope 1 emissions include any emissions directly produced from an organisation's operation. Examples include on-site fuel combustion & fuel(s) used in company owned vehicles.

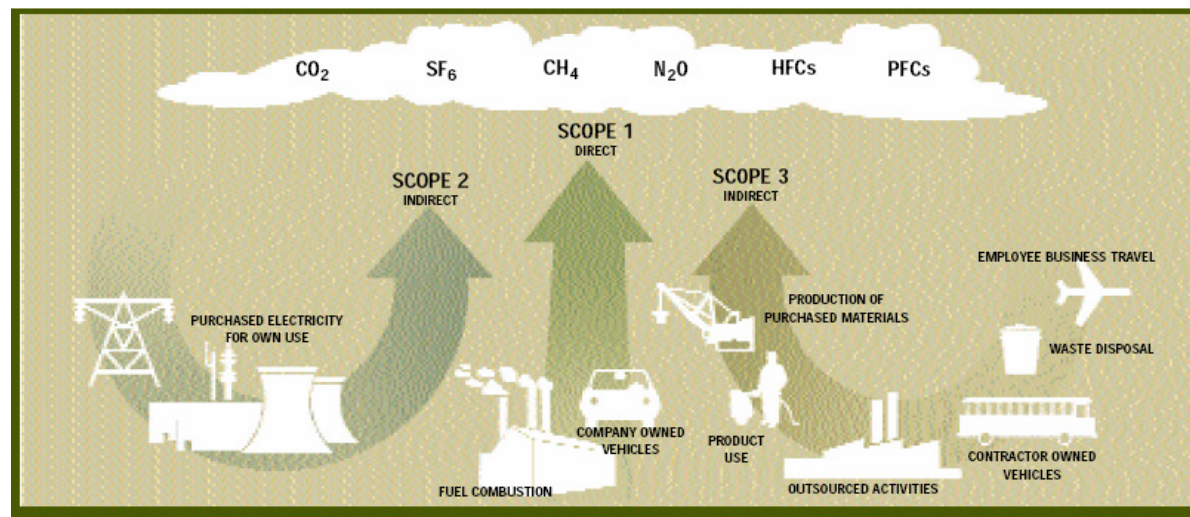
Scope 2: Indirect Emissions (Purchased Electricity)

Scope 2 emissions are emissions produced from electricity

purchased from a third party for the organisation's own use. While one may consider emissions from electricity as an organisation's direct emissions they are categorised separately to avoid double-counting as the emissions produced from the production of electricity are commonly seen as the responsibility of the electricity producer.

Scope 3: Indirect Emissions

Scope 3 emissions include all other sources of emissions which may result from the existence or operation of an organisation but may be outside the direct control of the organisation. Examples of Scope 3 emissions include Production of Purchased Materials, Product Use, Outsourced Activities, Contractor Owned Vehicles, Waste Disposal and Employee Business Travel.





gco₂ Carbon Management Standard

gco₂ awards its Carbon Management Standard to organisations who demonstrate their commitment to reducing their contribution to climate change by actively managing their Carbon Footprint and demonstrating their commitment to reducing their Carbon Footprint over time.

The **gco₂** Carbon Management Standard is awarded to customers who:

- ⇒ Accurately Measure their Carbon Footprint
- ⇒ Set a baseline for historic Carbon Emissions
- ⇒ Make a commitment to reduce carbon emissions over time
- ⇒ Detail their carbon reduction initiatives
- ⇒ Make their stakeholders (including shareholders, customers and employees) aware of their commitments.
- ⇒ Commit to continuously monitor their carbon footprint and compare performance in line with their commitments.



gco₂ Carbon Neutral Standard

gco₂ awards the Carbon Neutral Standard to organisations who have accurately measured their Carbon Footprint, taken steps to reduce their Carbon Footprint wherever feasible and offset their remaining Carbon Footprint for each of the following areas:

- ⇒ Scope 1: All Emissions
- ⇒ Scope 2: All Emissions
- ⇒ Scope 3: Employee Business Travel

gco₂ Carbon Neutral Gold Standard

The **gco₂** Carbon Neutral Gold Standard is awarded to organisations who have taken all reasonable steps to reduce & neutralise their entire Carbon Footprint including all identified Scope 3 emissions. The Carbon Neutral Gold Standard requires interaction and support from indirect sources, including suppliers and customers. Recommended practice for organisations aiming to achieve the Carbon Neutral Gold Standard is to incorporate this aim and all necessary steps into a medium to long term carbon management plan.

To find out how gco2 can help you measure, reduce and offset your Carbon Footprint,
Contact our customer care team at:

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