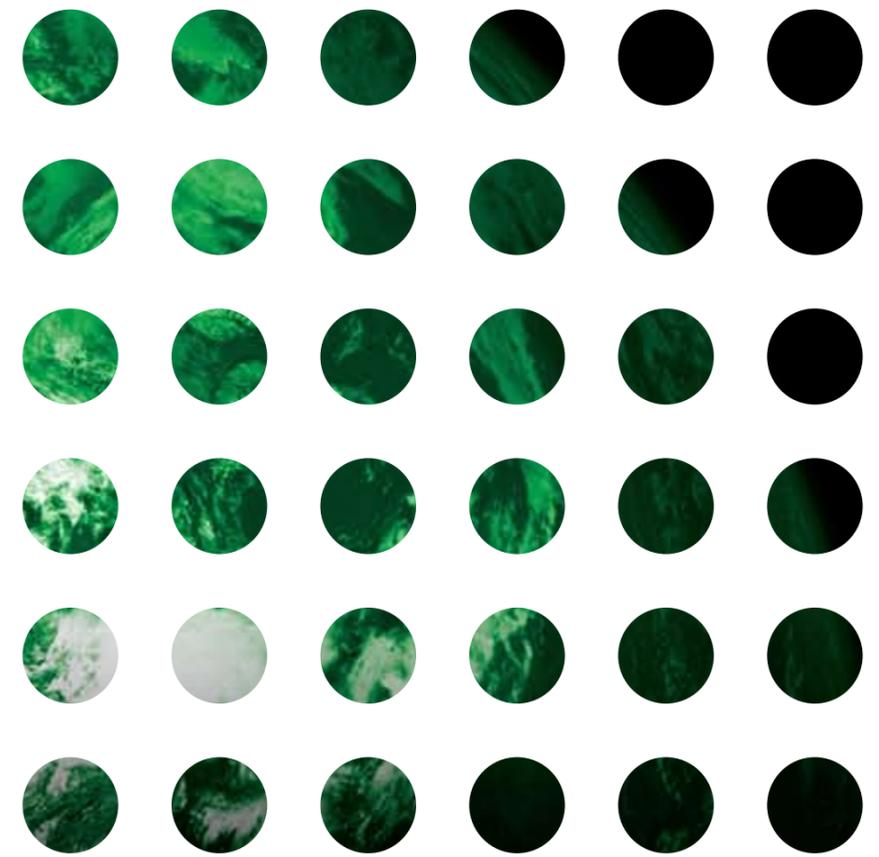


GREEN HOLDINGS 





There is nothing so powerful as an idea whose time has come

# Green Holdings

Green Holdings is a leading participant in the rapidly expanding global carbon market. It specializes in the conversion of harmful Greenhouse Gases (GHG) into a valuable and sustainable revenue stream by generating carbon credits.

The compliance process, however, is far from simple and requires the expertise of a team of experienced specialists.

Green Holdings provides turnkey, single source solutions to reduce GHG emissions and independently assesses and finances projects from start to finish. A dedicated, professional team guides projects through the complex procedures of planning, registration, implementation, monitoring and verification.

The resultant carbon credits are traded on the international carbon markets, generating revenue.

Green Holdings acts as a catalyst to generate profit for clients from GHG emission reductions with minimum interference to the core business.

Change starts here

Change starts here



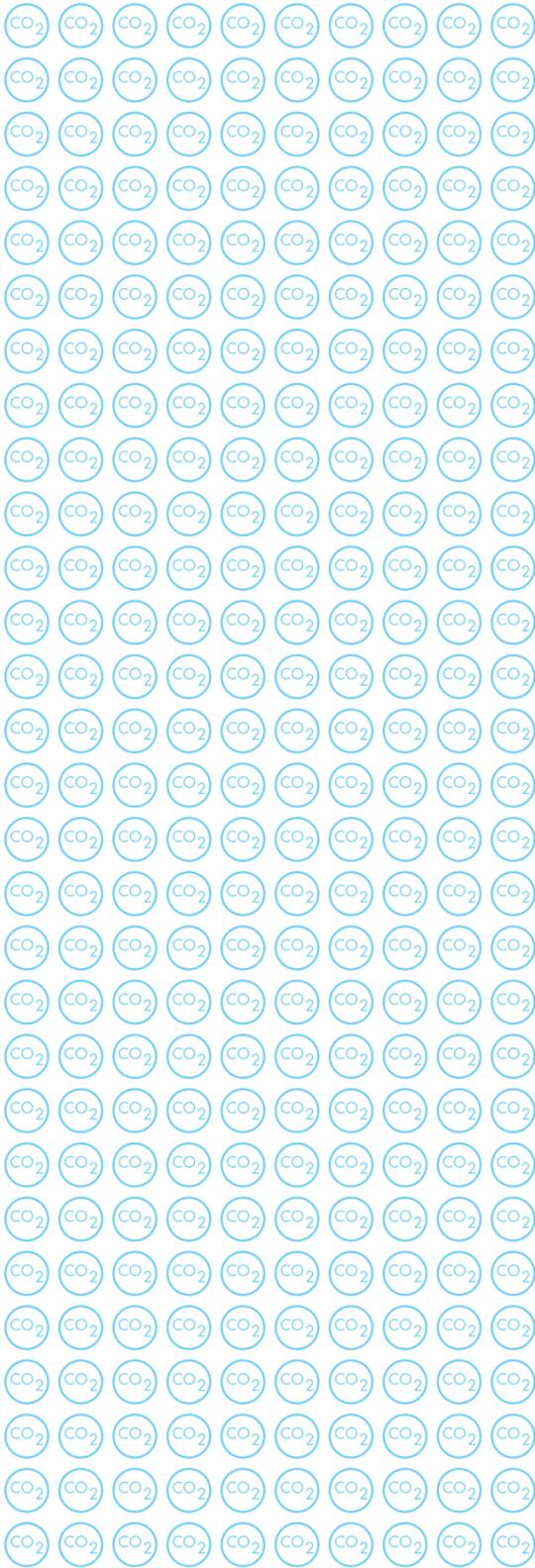
# Expertise

Green Holdings is a turnkey developer of emission abatement and energy efficiency projects within the Kyoto Protocol and Voluntary Market mechanisms.

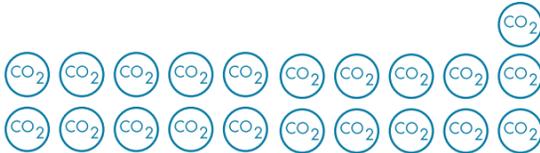
The company uses its experience and proven technology solutions to work with governments and corporations around the world to comply with stated GHG emission targets or to meet objectives for voluntary reductions.

To achieve these ends, Green Holdings not only provides the finance for new installations but also minimises the impact on the client's balance sheet and operations from origination and feasibility study to project implementation, emissions monitoring and monetisation of the carbon credits.

Green Holdings has the expertise to turn emissions liabilities into assets; greenhouse gases into revenue.



1 ton Carbon Dioxide (CO<sub>2</sub>)  
= 1 Carbon Credit



1 ton Methane (CH<sub>4</sub>) = 21 tCO<sub>2</sub>e  
= 21 Carbon Credits

1 ton Nitrous Oxide (N<sub>2</sub>O) = 310 tCO<sub>2</sub>e  
= 310 Carbon Credits

All GHG emissions are measured in their impact on Global Warming in equivalent tons of Carbon Dioxide (tCO<sub>2</sub>e)

# Methodology

## DEVELOPMENT

Experience and knowledge allow Green Holdings to guide clients through the many intricate development processes including: feasibility study, methodology development, drafting of the Project Design Document and project registration.

## TECHNOLOGY

Green Holdings has access to a network of proven technologies around the world. This allows the best suited technology for each individual project to be identified in order to maximize performance, results and revenue.

## ENGINEERING

With decades of collective engineering experience, Green Holdings is well staffed to understand the execution of industrial complexities and to ensure that the solutions provided are sustainable, implemented successfully and minimise operational impact.

## FINANCE

Carbon finance plays a fundamental role in enabling GHG abatement projects to be realized. Green Holdings structures projects to ensure minimal impact to the project host's balance sheet. Some financing schemes may allow future value to be unlocked immediately.

## MONITORING

Monitoring and verifying emissions data is critical to the issuance of carbon credits. Green Holdings establishes the monitoring methodologies and equipment necessary for the collection of the emissions data at the outset of the project. The team will also assume responsibility for regular data collection and submission.

## TRADING

Global demand for carbon credits is increasing rapidly. Green Holdings acts as principal between projects and primary buyers and the global financial markets. This direct access and market knowledge allows Green Holdings to ensure that clients receive the greatest potential return.

From crisis comes opportunity



# A partnership for profit

A worldwide network of leading technology partners and years of industrial engineering expertise give Green Holdings the skills and tools to design customized turnkey solutions.

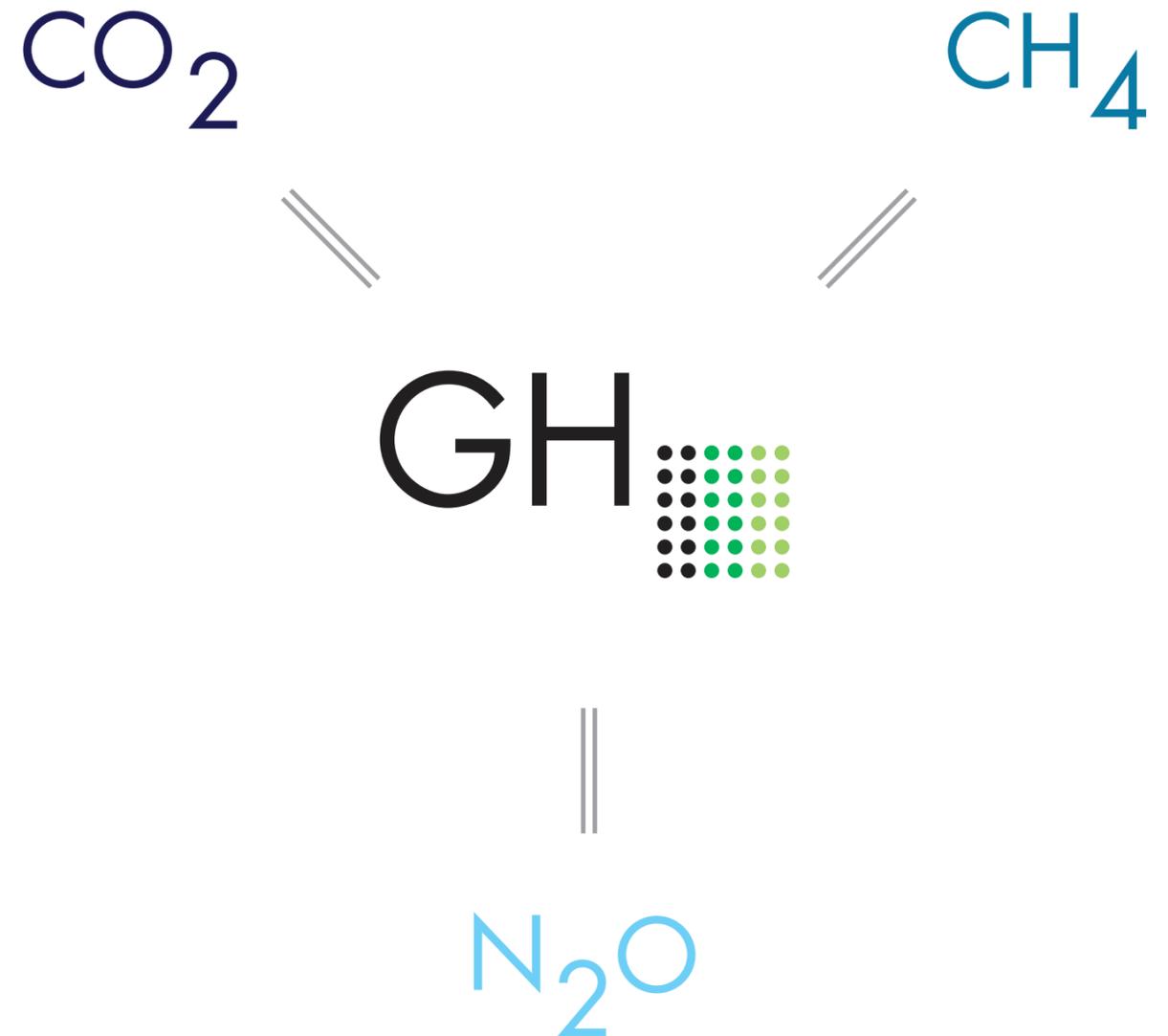
Every client relationship is tailored to the specific industry sector, project size and location, as well as to relevant compliance requirements and local conditions.

Areas of expertise include:

- Oil & Natural Gas Industries
- Mining
- Fuel Combustion
- Municipal Waste
- Energy Industries
- Industrial Processes

Industrial Process Efficiency  
Waste Heat Recovery  
Renewable Energy  
Fuel Switching

Fugitive Emission Capture  
Landfill Gas Recovery  
Waste To Energy



Fertilizer Plants  
Agriculture Soils  
Manure Management  
Chemical Manufacture

# The Marketplace

Global compliance and voluntary reduction targets for emitters of GHGs in developed countries can be met by corresponding reductions in developing nations where the cost of implementation is significantly lower.

The **Carbon Markets** have developed in response to global supply and demand, to facilitate this exchange of investment and emission abatement.

The **Kyoto Protocol** set the first international GHG reduction targets in 1997 and established flexible mechanisms creating the market-based solution to aid the participation of all, including:

## **Clean Development Mechanism (CDM) Joint Implementation (JI) Emissions Trading**

Many institutions in countries not covered by the Kyoto Protocol have resolved to reduce their GHG emissions leading to the development of a **Voluntary Market** for emission reduction initiatives.

These fall outside the scope of Kyoto approval but can earn carbon credits provided they adhere to strict methodologies and standards.

This is a rapidly growing marketplace particularly in the USA.

## **The Currencies**

To aid the commoditisation of emissions reductions, all GHGs are measured in their impact on global warming in comparison to the impact of CO<sub>2</sub>.

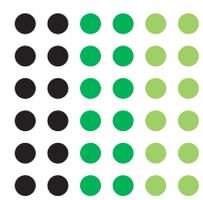
One ton of carbon dioxide equivalent (tCO<sub>2</sub>e) forms the basis of a tradeable carbon credit which currently exists in the following formats:

**Certified Emission Reductions (CER)**, created by registered CDM projects

**Emission Reduction Units (ERU)**, generated by registered JI projects

**European Allowance (EUA)**, allowance unit issued to installations covered by the European Union Emissions Trading Scheme (EU ETS)

**Verified Emission Reduction (VER)**, created by projects verified outside of the Kyoto Protocol



[www.greenholdings.com](http://www.greenholdings.com)