
Carbon data management, reduction planning, reporting and tracking

General Introduction

CarbonOps Overview

Carbon management software specialists

- **About CarbonOps**

- Developed carbon management solutions for over 5 years
- EU Emission Trading System carbon reporting and trading system CPCP in use in major UK utilities
- Kyoto Clean Development Mechanism system in use in investment funds and carbon offset companies
- Worked with Government Agencies, Energy Producers, Project Developers and Clean-Technology Investment Funds

- **ClimateLinked carbon accounting platform leverages this experience**

- Development of EU-ETS system CPCP
- Supports multiple carbon reporting schemes including the CRC Energy Efficiency Scheme, GHG Protocol and Carbon Trust Standard
- Comprehensive functionality set

- **CarbonOps offer software supported by related services**

- Initial review including metering recommendations
- Platform implementation
- Post-implementation review by Carbon Trust qualified auditor to ensure compliance with carbon scheme

ClimateLinked Platform

A comprehensive feature set

- Automated emission data capture
- Automated reporting of missing or erroneous data
- Targeting and tracking of both carbon and energy
- Full audit trail for collected emission data and corresponding documentary evidence
- Centrally updated factors, sources and calculations
- Emission reduction project capture with associated financial analysis
- Full integration with internal systems, processes and workflows
- Modelling and reporting under multiple schemes including the CRC, Greenhouse Gas Protocol and the Carbon Trust Standard on the same data set where relevant
- Customised management reporting including views of the organisation footprint through legal structure, internal hierarchy (business units / cost centres) or assets (e.g. buildings)

ClimateLinked Platform

Powerful capabilities

- **Report multi-national carbon footprints under multiple schemes with one solution**
 - Simultaneously support GHG Protocol, CRC, Carbon Trust Standard and other carbon scheme reporting
 - Model new schemes quickly and easily

- **Analyse impact of emission reduction projects on targets**
 - Ensure reduction investment is effective and achieves the desired results
 - Focus future investment on areas with highest carbon intensity

- **Slice and dice organisational footprint**
 - Visualise carbon sources across the organisation
 - Identify carbon hotspots for reduction management
 - Track progress against targets and historical comparatives

- **Stay compliant with automatic scheme factor and calculation methodology updates**
 - Ongoing support provides maintenance of scheme details, calculations and emission factors

- **Collect and store data and documents required for evidence packs**
 - Store supplier statements with relevant data
 - Store supporting evidence including documentation of reduction planning, spreadsheets and feed files
 - Use system audit reporting to collate relevant documents for Audit and Evidence packs

ClimateLinked Platform

Highly configurable

- **Alerts and exceptions**

- Missing data, manual data overrides, tolerance values
- Required actions, key dates

- **Key metrics and performance indicators**

- Carbon emitted per unit of turnover, area, employee
- Add new KPI graphs and analysis quickly and easily

- **Carbon sources**

- Model all underlying emission sources including meters, sub-meters, buildings, vehicles, assets and resource groups
- Cover all GHG Emission scope levels 1 to 3 and beyond

- **Understand carbon footprints**

- Slice and dice total footprint as required, e.g. by internal hierarchy, buildings, floors

- **Allocate carbon costs correctly to departments, customers or tenants**

- Demonstrate how the cost of carbon impacts each area of the organisation
- Create feeds of carbon costs to general ledgers and management reporting systems

- **Zero install, rich web-based interface**

- Customise for organisational identity
- Customise for organisational reporting, user groups and security access levels

ClimateLinked Platform

Robust architecture

- ClimateLinked application built on Ninth Wave SmartCore web platform
- Proven, robust, scalable, secure and supported
- EU-ETS application CPCP built on SmartCore
- Other SmartCore implementations include at Lloyds HBOS, RBS, Citigroup and Deutsche
- ClimateLinked can be hosted in-house or on our own penetration tested servers in a secure hosting facility with geographically distinct backup and redundancy
- Range of SLAs including 24-hour support available

Implementation

- **Completely automate emission data collection**
- **Peace-of-mind through certified compliance**
- **Identify emission reduction opportunities**
- **Implement emission reduction opportunities**

- **Related services**

CarbonOps offer related services for a successful and timely implementation

- Emission reduction project management and design, including access to Carbon Trust finance
- Metering & energy management systems
- Compliance audit
- System Integration
- Hosting