



Emissions

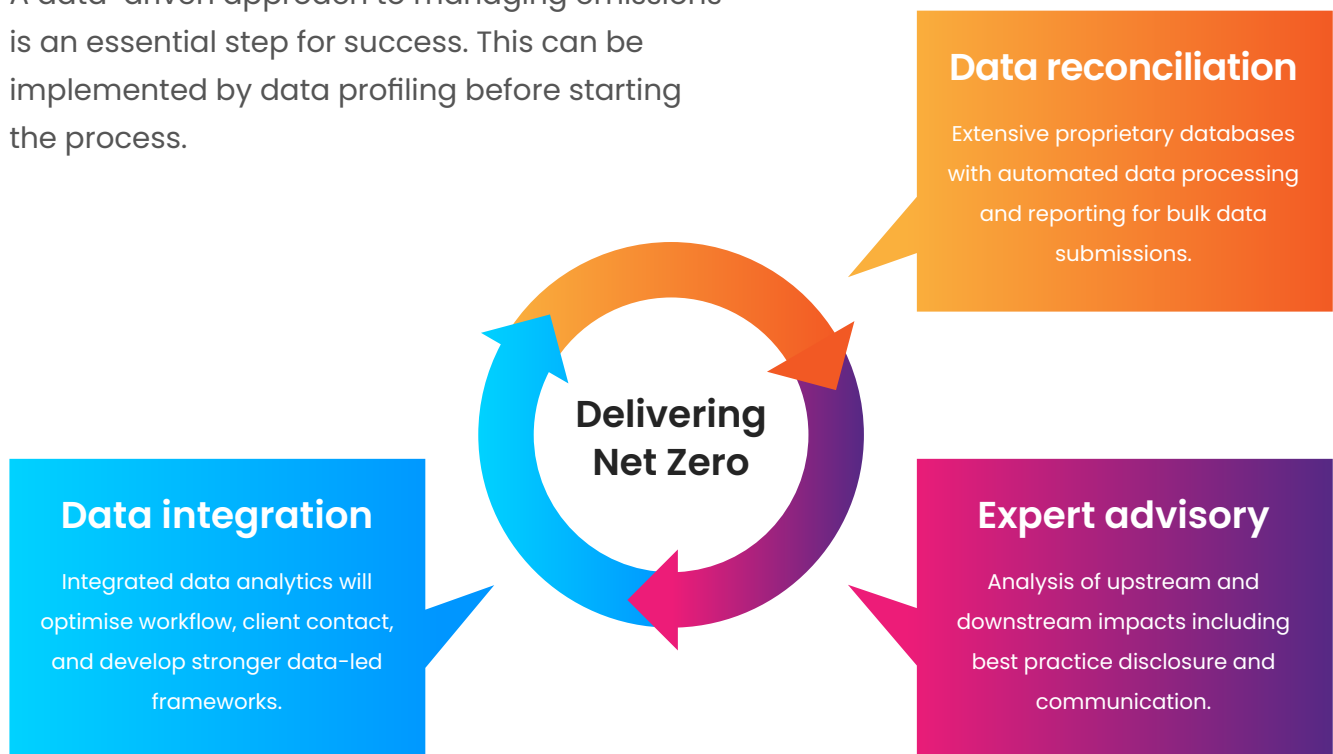
Emissions

mnAi's data and technology helps clients manage risk, increase operational efficiency and deliver net zero pathways through measurement, analysis, management and target setting.

Our solution combines proprietary data and powerful technology to create new, clear actionable insights that will reduce risk, decrease operational expenditure and increase the chances of a successful Net-Zero transformation.

Our integrated approach and solution also provides strategic added value by augmenting current data and risk makers.

A data-driven approach to managing emissions is an essential step for success. This can be implemented by data profiling before starting the process.





The problem

- Lack of data on Micro, Small and Medium companies
- Data that does exist is unstructured and fragmented
- Gathering the data is expensive, time consuming and slow



The solution

- Technology first approach unifies disparate data sets
- Sophisticated engines extrapolate data
- New data sources augment and constantly update existing data



The benefits

- Combined economic and emissions data
- Autonomous supply chain benchmarking
- Enhanced data analytics and data quality
- Actionable insight
- Operational efficiency
- Augmented data profiling

Strategy

We provide data-driven solutions and expert advisory to help our clients develop and execute decarbonisation strategies.

Our products and services support measurement, either as part of ESG frameworks or for UK and/or international GHG emissions accounting and disclosure requirements, including SECR and PCAF in the UK.

Solutions

Our online tools deliver core reporting outputs for external and internal company use.

From supply chain benchmarking and early warning indicators through to detailed analysis and reporting, we offer end-to-end, intelligent solutions to help you reduce your emissions footprint and simplify your carbon journey.

API

For larger companies or large data users, our APIs provide clients with the ability to measure emissions instantly using their existing data sets.

The exclusivity of the emissions data

Our proprietary and unique emissions data was developed in-house by our data science team with input from leading academics from Warwick University. Using a combination of public and proprietary data, we have created an emissions engine which assigns an emissions value to all UK companies regardless of size.

The lack of data, insights

and analysis of company-based emissions is a challenge for corporates and investors to hit Net Zero. mnAI's data and technology aims to help clients manage risk, increase operational efficiency and deliver net zero pathways through measurement, analysis, management and target setting.

The data produced by mnAI's technology is the first of its kind and is truly unique, with the

capability to assess a company's greenhouse gas emissions by the following:

- An overall Carbon score
- Carbon Dioxide (CO₂)
- Nitrous Oxide (N₂O)
- Hydrofluorocarbon (HFC)
- Sulphur Hexafluoride (SF₆)
- Nitrogen Trifluoride (NF₃)
- Methane (CF₄)
- Perfluorocarbon (PFC)
- Carbon Kilo tonnage (KtCO₂e)

Industrial insight


- National, regional and local macro and micro economic insight by Greenhouse Gas Emissions (GHGe)
- Sectoral and industrial macro and micro economic insight by GHGe
- Growth and investment macro and micro economic insight by GHGe
- Employment numbers by GHGe
- Demographics by GHGe
- Autonomous supply chain benchmarking including GHGe

Company Profile

- Radial chart based on all emissions
- Pie chart based on % emissions per category
- Comparison chart – company v's industry (actual)
- Comparison chart – company v's industry (% per GHGe)
- Hierarchy charts showing summary and seven different emissions with colour coding
- Emissions table with summary description for all GHGe
- Comparison table – company v's industry (actual)
- Comparison table – company v's industry (% per GHGe)
- Reported Carbon KiloTonnage table

Person Profile

- Comparison table of all corporate involvement by summary and detailed GHGe
- Comparison chart at summary level of all involvement ranked by GHGe
- Individual radial charts for all corporate involvement



“In terms of emissions data for UK industry, this is without doubt the most significant jump forward in the last decade.”

Hugo Kimber Carbon Responsible

Contact the team directly



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