Supply Chain

mnAi uses proprietary data and cutting-edge technology to create a bespoke, real-time view into the critical elements of a company's supply chain.

mnAi

Supply chain

Being able to measure a supply chain is essential to ensure key operational targets for emissions, financial risk and diversity are managed.

Our Supply Chain Benchmarking (SCB) technology provides unique research, analytics and due diligence on all UK companies over one year old.

Updated in real-time, and with 12bn+ data points and 375+ variables, our technology is trusted by Government, investors and financial & professional services to enhance their understanding of everything from markets to investments.

Our SCB technology has been developed as a stand-alone product and can be white-labelled to help drive engagement across customer portfolios or supply chains. Clients receive an overall supply chain score, plus:

1. **Diversity score**
2. **Gender score**
3. **Emissions score**
4. **Risk score**

The data covers all UK companies and officers and helps you:

- **Save time and money** by quickly and accurately mapping all companies autonomously within a supply chain.
- **Understand growth and quantify risk** by generating macro and micro insight through interactive, bespoke market maps.
- **Enhance decision making** and provide data-driven solutions and expert advisory to help manage risk, increase efficiency and deliver Net Zero pathways.

Single source of unified data

12bn+ data points and 375+ variables

Macro and micro insight

Interactive ESG analysis

Cascade analysis

Risk analysis

The problem

- Statutory reporting requirements are increasing
- SMEs account for 60%+ of all UK supply chains
- Scarcity of ESG data on UK SMEs creates risk and the potential for false positives

The solution

- Ready-made dashboard visualising supply chain health
- In-built supply chain score, identifiable critical factors
- 40+ charts, tables and visualisations create immediate insight and analysis

The benefits

- Rapid results and actionable insights
- Build and augment your own data lakes through cascade analysis and white labelled technology
- Develop & enhance your own reporting / compliance standards
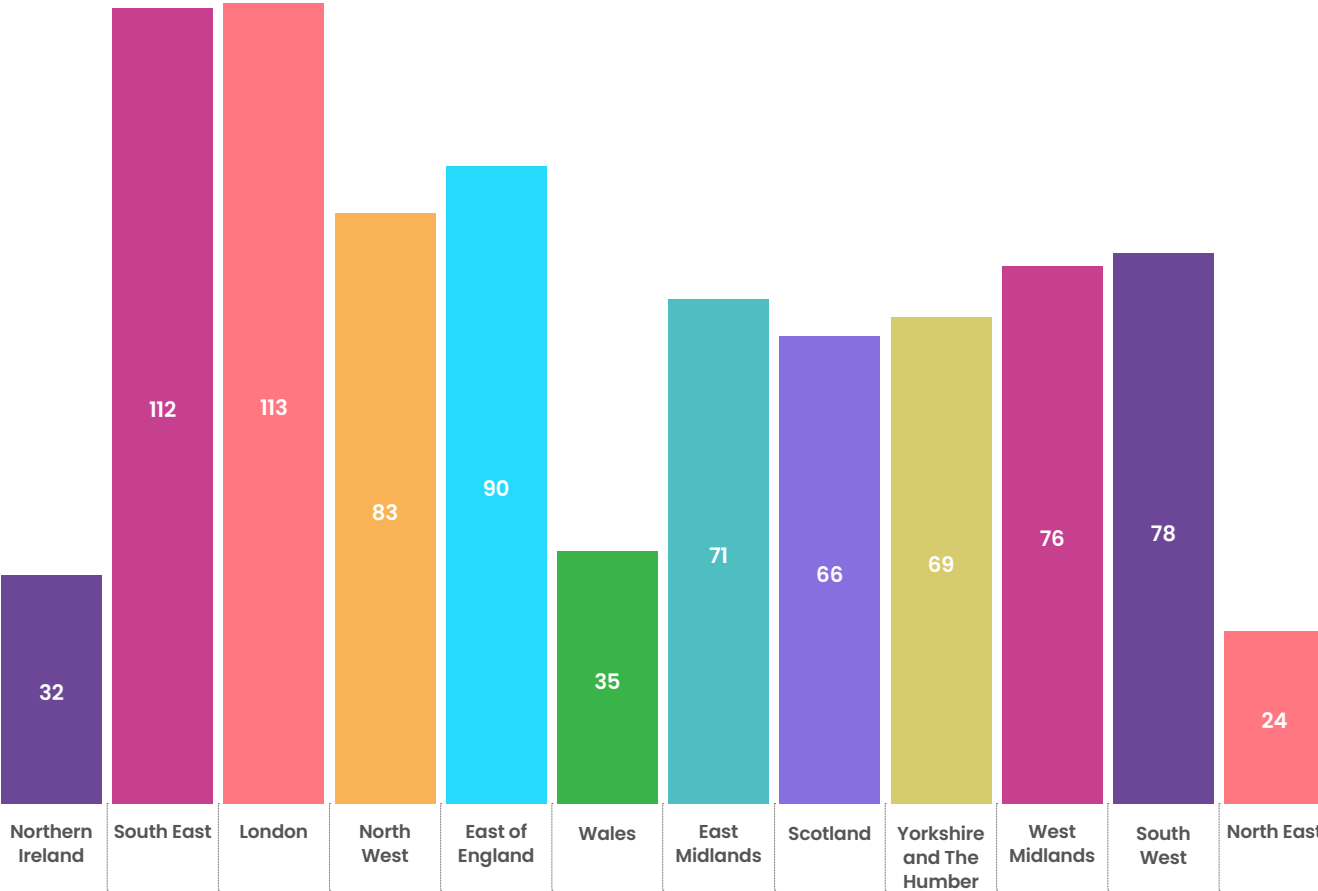
Carbon Emissions

Our Carbon Emissions Variable (CEV) measures emissions across all active UK companies, including micro and small.

Developed in-house by our data science team, with input from academics at Warwick Business School and the Enterprise Research Center, it covers seven toxic gas types.

The data can be combined with our existing functionality to create highly detailed analysis, maps and detailed lists of relevant companies. Crucially, for supply chain

accuracy relating to emissions, mnAi's exclusive emissions data also includes accurate and up-to-date data referring to Scope 3 emissions.

Example chart – the number of high emitters by region

Region	Value
Northern Ireland	32
South East	112
London	113
North West	83
East of England	90
Wales	35
East Midlands	71
Scotland	66
Yorkshire and The Humber	69
West Midlands	76
South West	78
North East	24

How company emissions are categorised

Under the Greenhouse Gas (GHG) Protocol, an organisation's emissions are usually categorised as falling within 3 scopes:
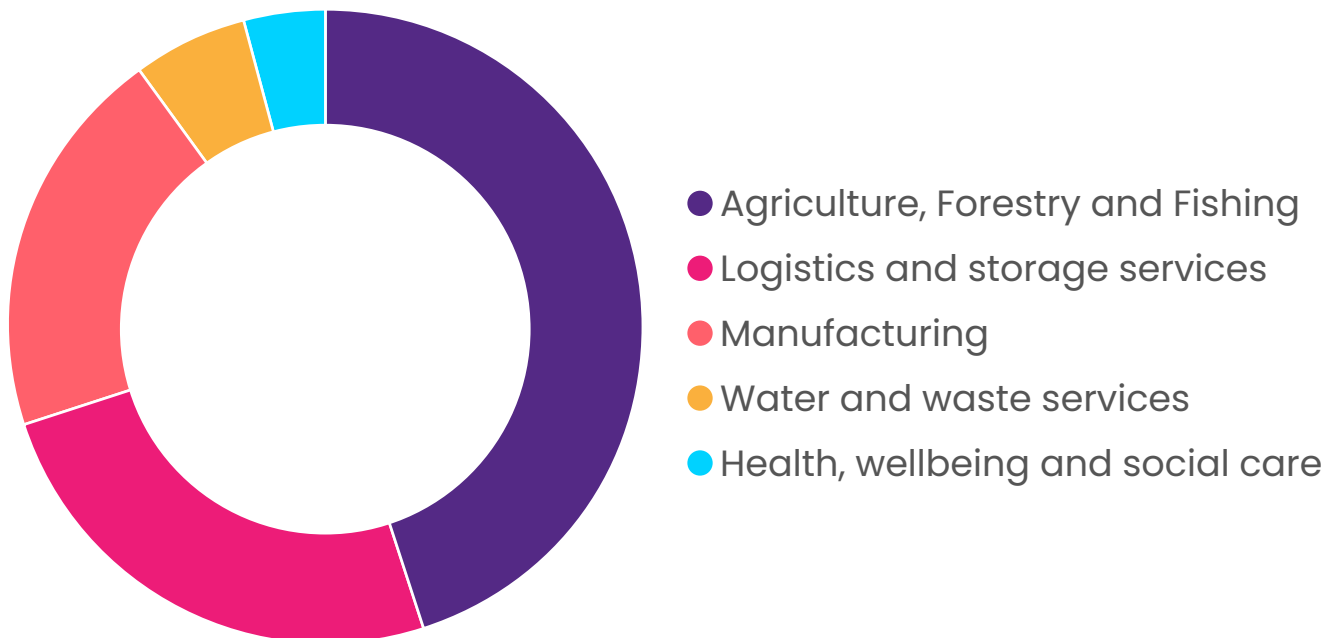
Scope 1 - direct burn emissions, ie: industrial processes
Scope 2 - indirect emissions, ie: power source that heats office buildings
Scope 3 - all other indirect emissions from a company's value chain

mnAi's approach: While most current carbon assessments focus on the recording and management of just Scope 1 and 2, when that data is used in conjunction with mnAi's cutting edge, data driven solution, it enables companies to also understand their Scope 3 emissions.
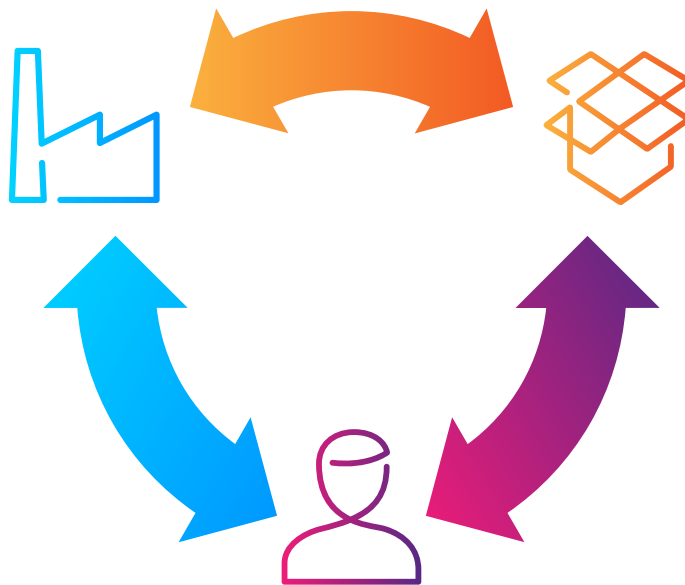
Categories by no. of companies

- Agriculture, Forestry and Fishing
- Logistics and storage services
- Manufacturing
- Water and waste services
- Health, wellbeing and social care

Financial risk

Our technology quickly identifies and analyses financial risk: from companies with CCJs recorded against them to directors linked to other companies within the same supply chain.

> Our autonomous SCB technology provides a real-time view into the critical elements of a company's supply chain.

These include:

- Total greenhouse gas emissions
- Gender and diversity, family-owned companies and employee numbers
- Regions, sectors and company size
- Financial and operational risk

Analysis and expertise

With seven different headings, 42 different charts, tables and visuals, and hundreds of data points, our interactive data provides unique insight and analysis across the critical points of failure within your supply chain.

Ongoing, real time monitoring

We will securely upload and encrypt your data into the mnAi platform to create a real-time, interactive dashboard of all major ESG, financial and operational risks within your supply chain. With unlimited users and remote access as standard, your dashboard will allow procurement and supply chain management teams the immediate visibility they need to support the drive to net-zero and a fairer, more equal society.

Quarterly updated static data files

Like the on-going monitoring solution, this would be provided through an online dashboard, but would only be refreshed on a quarterly basis.

One-off bespoke engagement

A one-off report highlighting all core areas of your supply chain which can then be used by internal compliance and operations teams to develop effective strategies to support executive decision making.

Contact the team directly

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