GEOSPATIAL INSIGHT

CARBON REDUCTION PLAN

January 2023

COMMITMENT TO ACHIEVING NET ZERO

Geospatial Insight is committed to achieving Net Zero emissions by 2050.

At Geospatial Insight, we fundamentally understand that a commitment to reducing our greenhouse gasses creates benefit for the company, the wider community and the planet as a whole. Whilst the direct impact of changes we make (as a Small to Medium Enterprise), may be small, our work to assist the wider business community to achieve Net Zero can have a significant impact globally.

By harnessing the capability of satellite technology and geospatial data, we are:

- Detecting, measuring and monitoring Methane and CO2 emissions across a number of major industrial sectors
- Supporting the roll-out of EV charging across the UK,
- Modelling renewable energy generation potential for both ground- and roof-mounted solar installation
- Supporting and informing the voluntary carbon offset market through monitoring, reporting and verification of a range of natural capital assets.

In the work we do and the clients we support, we aim to have a significant impact on this global challenge up to 2050 and beyond..

BASELINE EMISSIONS FOOTPRINT

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

BASELINE YEAR: 2022
Additional Details relating to the Baseline Emissions calculations.
This is our 1st year of reporting. As such, we have limited data on which to provide a firm baseline. That said, where possible, we have estimated current emission levels from data that is already accessible (e.g. utility bills, company cars, travel etc.). It is the intention of the company to use this initial baseline to: 1. Further understand the reporting requirements necessary in coming years 2. Gather data required to measure the relevant scopes 3. Create an internal reporting system and associated KPI's associated with specific elements of the carbon reduction reporting 4. Measure performance in reduction over the coming years based on the reduction plans initiated Note that it is quite possible that when more accurate data are available from a wider range of sources, we may need to adjust the baseline accordingly.
BASELINE YEAR EMISSIONS:

EMISSIONS	TOTAL (tCO_2e)
Scope 1	0

	Category 1 - Stationary Combustion – none – As we lease our premises, the carbon emissions generated for heating etc. are reported within the scope 2 numbers below. We do not undertake any industrial processes that would generate scope 1 emissions Category 2 – Mobile Combustion – none – we do not lease or own any vehicles. Any emissions from use of personal cars on company business are included in scope 3 Category 3/4 – Fugitive and Process – none – given we are not a manufacturing company, neither of these emission sources apply
Scope 2	3.70 tCO_2e For Geospatial Insight, scope 2 emissions are generated entirely through the use of electricity used for office heating / cooling / cooking / lighting and equipment use (predominantly computers). We have undertaken an analysis of electricity used (i.e. using a market based method) within the last 12 months and have generated the value above, accordingly. These data will continue to be collected forming one data source for future reporting.
Scope 3 (Included Sources)	0 We have yet to gather information on scope 3 emissions. However, we have undertaken a review of the sub-categories in order to begin to assess future need for potential monitoring and reporting Purchased goods and services – Valid - we do access 3rd party services as part of a supply chain on a contract-by-contract basis Capital goods – Valid – This will be almost entirely the procurement of computing equipment Fuel and energy-related activities – Valid – we could look to generate information on both commuting and increased energy usage from those working at home Upstream transportation / distribution – None – we operate an entirely digital service delivering products and services electronically. Whilst this might result in emissions through the use of cloud storage / internet use, this will be negligible Waste generated in operations – Valid – likely to be small as the amount of industrial waste is low and is domestic by nature (food packaging / limited company materials packaging etc). Business Travel – Valid – it is likely that this could be one of the more significant sources of scope 3 emissions for Geospatial Insight Employee commuting – Valid – whilst it is unlikely we will be able to generate exact figures for this source, it will be possible to estimate to a reasonable level Upstream leased assets – None Downstream transportation and distribution – None – as per response to upstream activity Processing of sold products – None

	Use of sold products – None – reference is also made to the fact that a number of the products we sell are actually used by organisations to positively impact emissions in the future (e.g. EV charging planning / solar power generation etc.) Downstream leased assets – None Franchises – None Investments – None
Total Emissions	3.70 tCO_2e

CURRENT EMISSIONS REPORTING

Reporting Year: 2023 Given our baseline year ended December 2022 we are not in a position to report on 2023 at this time.	
EMISSIONS	TOTAL (tCO_2e)
Scope 1	To be completed post December 2023
Scope 2	To be completed post December 2023
Scope 3 (Included Sources)	To be completed post December 2023
Total Emissions	To be completed post December 2023

EMISSIONS REDUCTION TARGETS

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

1. Reduction in power usage at offices. This will include (but not limited to:)
    a. Reduction in unnecessary use of standby on computer equipment
    b. Zero tolerance of unnecessary energy use when staff not present
    c. Audit of equipment in office with a review to replacement with more efficient options
2. Reduction in travel.
    a. Continued investment in video-conferencing technology
    b. Focus on economy travel where possible, especially flights
    c. Increased optimisation of time when in a specific area (multiple meeting generation rather than one trip – one visit)
    d. Flexible working is already an option for all staff. This will be maintained and where possible improved, leading to reduction in emission generation caused by commuting
3. Communications

   a. Drive the purpose and positive outcome of the CRP implementation across the company
   b. Seek to identify champions within the business, transferring ownership from management to the staff and providing additional resources to support success
   c. Continue to openly promote technology and services that support wider de-carbonisation and climate benefits
4. Leadership
   a. The CRP will now form a quarterly review element of company board meetings, reviewing success of programmes implemented and seeking to start new initiatives, where possible
5. Outreach to scope 3 elements
   a. It is too early to specify the exact nature of work, however, Geospatial Insight fundamentally understand that this is a shared goal and engagement with suppliers, partners and clients is essential.

We project that carbon emissions will decrease over the next five years to 0.9 tCO_2e by 2027. This is a reduction of 25% - However, as noted earlier, it is possible that the baseline may be reset following increased monitoring, access to additional datasets and potential inclusion of additional emissions.

CARBON REDUCTION PROJECTS

Completed Carbon Reduction Initiatives

As we have only just set the baseline, we have yet to implement any of the proposed progammes**.** As such, we will be reporting on initiative success by January 2024.

DECLARATION AND SIGN OFF

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of Geospatial Insight:

Dave Fox, CEO

17th January 2023

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standards/scope-3-standard