

Carbon Reduction Plan

Supplier Name: **Faculty Science Limited**

Publication Date: **June 2023**

Commitment to achieving Net Zero

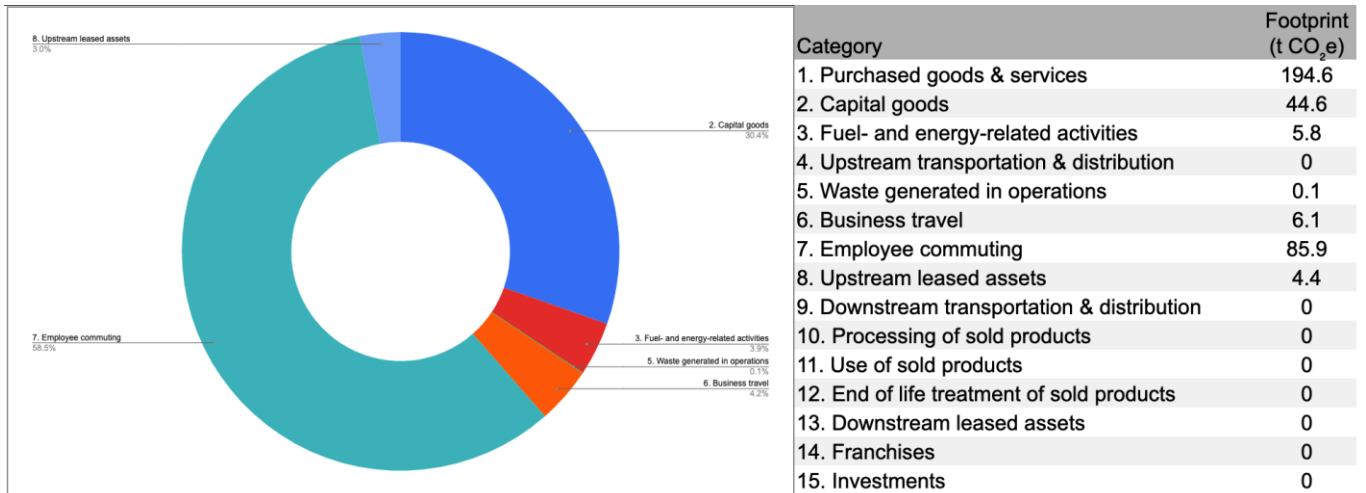
Faculty Science Limited is committed to achieving Net Zero emissions by 2050.

Baseline Emission Footprint

On advice from Supercritical, net zero experts, we have changed our baseline year from 2020 to 2021. This is due to the significant and unusual impact of the covid pandemic on reporting.

Reporting Year: 2021 (01/01/2021 - 31/12/2021)	
Details relating to the Reporting Year	
Faculty Science Limited's 2021 Annual Carbon Footprint Report generates <1 (tCO ₂ e) for Scope 1 & Scope 2 emissions. Supercritical has continued to help us to calculate these emissions, which now all fall into Scope 3. Supercritical calculated our 2021 baseline tCO ₂ e for Scopes 1 - 3.	
Baseline year emissions:	
Emissions	Total (tCO₂e)
Scope 1	0
Scope 2	0
Scope 3 (Included Sources; incl. teleworking)	92
Scope 3 (Other sources)	249
Total Emissions	341

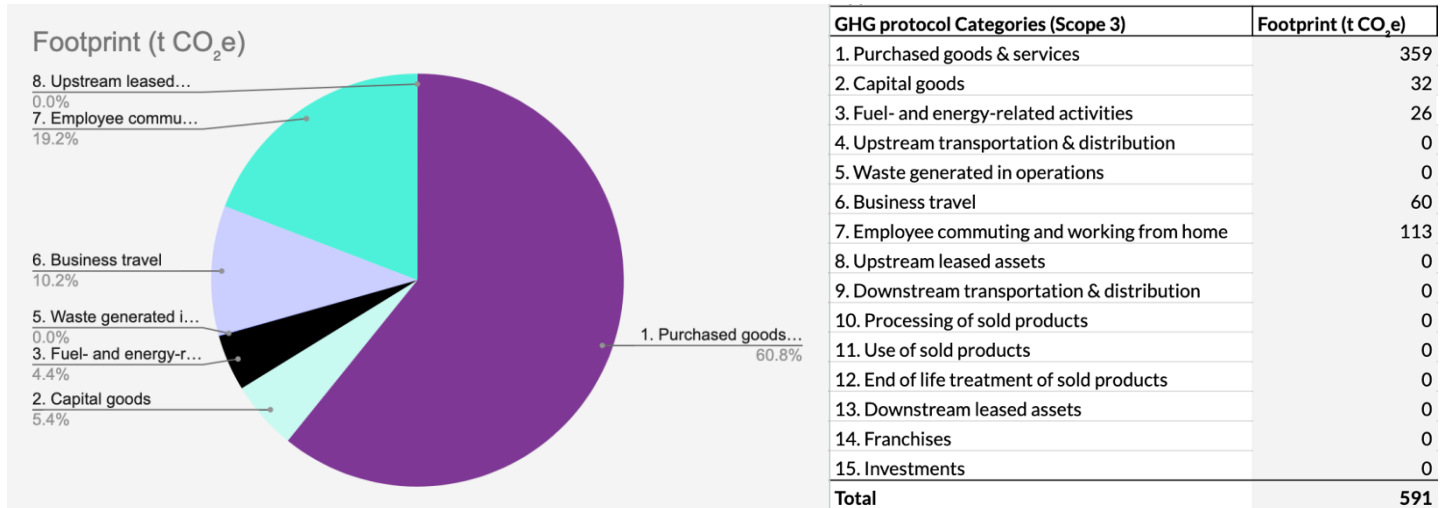
Pie chart to represent total 2021 emissions (tCO₂e)



Upstream transportation & distribution is assumed too small to warrant monitoring

Current Emissions Reporting

Reporting Year: 2022 (01/01/2022 - 31/12/2022)	
Details relating to the Reporting Year	
Faculty Science Limited's 2022 Annual Carbon Footprint Report generates <1 (tCO ₂ e) for Scope 1 & Scope 2 emissions. Supercritical has continued to help us to calculate these emissions, which now all fall into Scope 3. Supercritical calculated our 2022 baseline tCO ₂ e for Scopes 1 - 3.	
Baseline year emissions:	
Emissions	Total (tCO₂e)
Scope 1	0
Scope 2	0
Scope 3 (Included Sources; incl. teleworking)	173
Scope 3 (Other sources)	417
Total Emissions	591



Emissions reduction targets

From 2020 to 2022 Faculty has fully offset its carbon emissions with carbon removal offsets and is committed to achieving net zero by 2050.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since 2020.

- Detailed baseline and monitoring - Faculty uses reporting and monitoring by Supercritical (<https://gosupercritical.com/>) to measure our baseline carbon emissions. This provides us with a more robust and detailed report than the standard Carbon Trust methodology. Supercritical measures our current output across various categories, including business travel & commuting, offices & facilities, purchases, procurement, technology infrastructure, remote working and so on.
- Offsetting - We aim to balance the carbon we produce by purchasing carbon removal offsets (Carbon removal offsets remove carbon from the atmosphere instead of conventional offsets that pay other companies not to emit CO₂). This means that we have measurable, verifiable emission reductions from climate action projects. We use biochar - plant material turned into charcoal which, when mixed with soil, stores carbon removed by plants through photosynthesis for centuries and brings other co-benefits such as improved soil fertility. In addition to 9 tonnes of biochar, our carbon removal offsets portfolio consists of 572 tonnes of afforestation, 8 tonnes of enhanced rock weathering, 1 tonne of direct air capture and 1 tonne of bio-oil.
- Dedicating our R&D to ensuring that as an organisation, we can use AI to reduce our carbon footprint. AI will be an essential technology for energy transition and will play a critical role in the decarbonisation process. In November 2021, Faculty launched its new Energy Transition and Environment function. In April 2022, our Energy Transition and Environment function partnered

with clean energy startup Drift Energy to develop an algorithm that enables a new method of renewable energy generation using modified sailing vessels. Through this collaboration, we are helping accelerate the global decarbonisation process by helping the hydrogen economy grow. We have also very recently started working with Intelligent Gas Grid to, among other things, reduce methane leakage from gas pipes.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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

Signed on behalf of by director (or equivalent)

DocuSigned by:

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Name: Rupert Edwards

Role: Legal Director

Date: 12/5/2023

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>