

NET ZERO TRANSFORMATION PROGRAMME CASE STUDY

SIMPLYFRUIT

THE NET ZERO TRANSFORMATION PROGRAMME

The Mid South West (MSW) Region (Armagh City, Banbridge & Craigavon, Fermanagh & Omagh and Mid Ulster District Council areas) Net Zero Transformation Programme, funded by Innovate UK, is designed to help local SMEs within the Region reduce carbon emissions and work towards net-zero.

This programme provides participating businesses with access to:

- Carbon reporting software, expert workshops, and tailored decarbonisation plans.
- Guidance on low-carbon technologies, funding options, and operational efficiency.
- Tools to achieve sustainability goals and enhance market competitiveness.
- Insights to identify key emission sources and implement energy-efficient practices.
- Support for exploring renewable energy solutions.
- Focus on understanding and addressing Scope 1 and Scope 2 emissions.

WHY SIMPLYFRUIT SIGNED UP

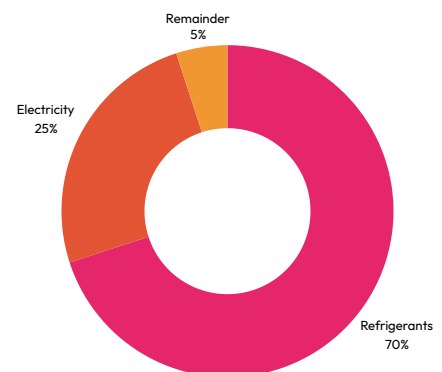
Simplyfruit, Ireland's leading fresh produce supplier based in Craigavon, is taking bold steps toward achieving net zero emissions through its participation in the Mid South West (MSW) Net Zero Transformation Programme. This programme, funded by Innovate UK, is designed to support businesses across the Mid South West region in reducing their carbon footprint, improving operational efficiency, and enhancing long-term sustainability. Partnering with Carbonfit, Simplyfruit is proactively identifying, implementing, and monitoring strategies to significantly reduce its greenhouse gas (GHG) emissions.

STEP 1: CARBON FOOTPRINT ASSESSMENT & INITIAL FINDINGS

The first crucial step in Simplyfruit's net zero journey involved conducting a comprehensive carbon footprint assessment. This process aimed to identify the primary sources of greenhouse gas emissions within the company's operations, enabling informed decisions about where to focus reduction efforts. Establishing this baseline was essential for setting measurable targets, prioritising emission reduction projects, and aligning with emerging environmental regulations.

- **Total Scope 1 and 2 emissions:** 533.87 TCO₂e
- **Scope 1 emissions:** 95% stem from refrigerant use.
- **Scope 2 emissions:** Electricity consumption accounts for 25% of combined Scope 1 and 2 emissions.

While Scope 3 emissions—those associated with the wider supply chain, transportation, and waste—have yet to be calculated, addressing them will be key in developing a comprehensive decarbonisation strategy.



WHAT ARE SCOPE 1, 2 & 3?

1

SCOPE 1 INCLUDES DIRECT EMISSIONS FROM OWNED OR CONTROLLED SOURCES, SUCH AS ON-SITE HEATING OR COMPANY-OWNED VEHICLES.

2

SCOPE 2 REFERS TO INDIRECT EMISSIONS FROM PURCHASED ELECTRICITY OR OTHER UTILITIES THAT POWER THE BUSINESS'S OPERATIONS.

3

SCOPE 3 EMISSIONS ARE INDIRECT GREENHOUSE GAS (GHG) EMISSIONS THAT OCCUR IN A COMPANY'S VALUE CHAIN, BUT ARE NOT PRODUCED BY THE COMPANY ITSELF.

*TCO₂e – tonnes of carbon dioxide equivalent

STEP 2: OPPORTUNITIES FOR EMISSION REDUCTIONS

To tackle its carbon footprint, Simplyfruit, explored several emission reduction opportunities. These projects not only aim to lower greenhouse gas emissions but also enhance operational efficiency, cut long-term energy costs, and strengthen the company's environmental credentials. By acting now, Simplyfruit is committed to transitioning to a low-carbon economy, meeting both regulatory requirements and customer expectations.

THE KEY PROPOSED PROJECTS INCLUDE:

Scope 1:

- Multiple carbon reduction projects were identified for each fuel type.
- Near-term solutions, such as fuel replacement and efficiency reviews, enabling potential quick carbon savings of **237 TCO₂e (59% of Scope 1 and 2 emissions)**.
- These initiatives allow Simplyfruit to take immediate action.

Scope 2:

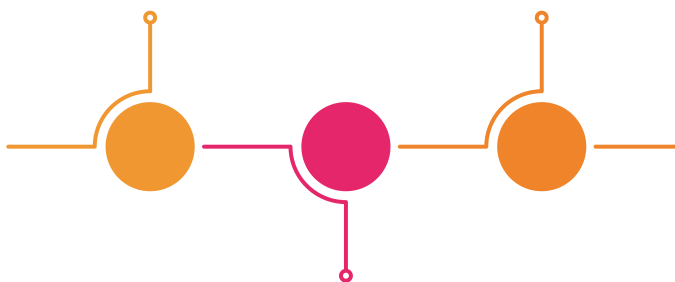
- Carbon and energy-saving projects were reviewed, providing Simplyfruit with kWh savings, estimated implementation costs, and return on investment details.
- Identified projects offer potential savings of **135 TCO₂e**, with separate initiatives contributing to a **27% reduction in energy emissions**.

STEP 3: SCOPE 1 AND SCOPE 2 NET ZERO TRAJECTORY

Simplyfruit has set ambitious net zero targets aligned with the MSW Net Zero Transformation Programme's overarching goals. These targets provide a clear roadmap for reducing emissions over the coming decades. These goals not only demonstrate Simplyfruit's commitment to sustainability but also position the company to meet evolving market and regulatory demands.

50% REDUCTION IN REFRIGERANT EMISSIONS BY 2030, WITH COMPLETE ELIMINATION BY 2035.

COMPLETE A FULL SCOPE 3 EMISSIONS ASSESSMENT BY 2027, AIMING FOR A 97% REDUCTION BY 2050.



ACHIEVE A 100% REDUCTION IN SCOPE 1 AND 2 EMISSIONS BY 2035.

RECOMMENDATIONS FOR SUCCESS

Through their participation in the MSW Net Zero Transformation Programme, Simplyfruit can maximise the success of their net zero journey by:

- Conducting a comprehensive review of assessment findings and supporting documents.
- Developing a detailed Scope 3 emissions inventory to inform future reduction strategies.
- Implementing a robust monitoring system to track Scope 1 and 2 emissions monthly via the Carbonfit platform.
- Engaging employees and stakeholders to foster a company-wide sustainability culture.
- Conducting annual reviews of emissions data to evaluate progress and refine reduction strategies.
- Scheduling regular check-ins to ensure alignment with net zero targets and adjust approaches as needed.



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