

## Farm Carbon Toolkit Services for the Fresh Produce Sector

Farm Carbon Toolkit (FCT) works in a variety of ways to support action to measure, understand and act on GHG emissions within the fresh produce sector. We're one of the first organisations to combine business carbon assessment with technical advice about practice change on-farm. As such, we help growers measure and reduce emissions of their products, and their whole operations – boosting carbon sequestration and creating nature-friendly and resilient farming systems.

### Efficient Services

Our specialist advisory team and market-leading Farm Carbon Calculator software services provide a powerful combination of practical advice and data-driven insights. Our services can be tailored to fit with your goals, and dovetailed with requirements and goals set by the supply chain.

#### 1. Expert Advisor-led Carbon Reporting



Our comprehensive carbon assessments provide a clear understanding of carbon sources and sinks. These reports include actionable recommendations, driven by our deep understanding of agriculture and farm carbon management. Drawing on your business goals, we will provide recommendations to support emissions reduction and sequestration potential.

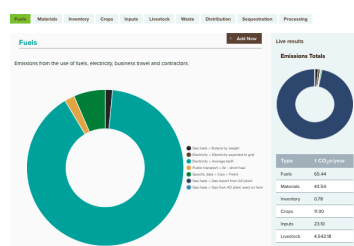
#### Our Calculator provides for:

- Whole Farm Carbon Footprints
- Product Footprints
- Transport, Packaging
- Cradle to Farm-gate Product Carbon Report
- Supply Chain – monitor GHG emissions across the whole chain
- Export reports to build upon, Full LCA's, for example

Our Advisors help with

- ❖ scenario planning
- ❖ recommending changes
- ❖ building resilience

## 2. Easy Carbon Assessments



Our [Farm Carbon Calculator](#) offers carbon footprinting at multiple levels: by farm, enterprise, then product — covering emissions across Scopes 1, 2, and 3. This ensures the system delivers all parts of the supply chain. Organisations can report on their mandatory scope 3 emissions, whilst growers can work on understanding their scope 1.

The Calculator is aligned with all major standards outlining compliance with supply chain requirements: PAS2050, the FLAG Guidance, GHG Protocol and Land Sector and Removals Guidance. You don't have to take our word for it, our work is independently reviewed annually by the Carbon Trust.

## 3. Product Carbon Reporting

We don't do things by halves, so our robust methodology allows growers to split individual products from their whole farm carbon assessment, retaining or removing sequestration and the emissions associated with overheads as desired. These cradle-to-farm gate product-level footprints can be passed upward within the supply chain or between farms, while distribution, and processing and packaging emissions can be added as required to expand the scope of the footprint.

At any point, a complete breakdown by scope and greenhouse gas can be obtained to feed into a full life cycle analysis as required – sustainability experts love this feature.

## 3. Measured Soils and Sequestration

Soil underpins the entire farm system. Our soil sampling and analysis services establish baseline carbon stocks and soil health assessments. We first develop a soil sampling protocol that aligns with your goals, then use our in-house soil sampling app and optional Land App integration, we generate heat maps across the project area to represent soil carbon stock, nutrient levels and soil health indicators as required. From this, our advisors identify areas that require action and support recommendations.

## 4. Transition Roadmap Preparation



We develop tailored roadmaps to help growers and farming enterprises reduce emissions and increase carbon removals. These roadmaps will align with your goals – whether that is transitioning towards more regenerative farming practices, net zero or carbon positive, or biodiversity enhancements.

With our highly experienced farm carbon and soil advisors, one of our core strengths at FCT is in supporting and empowering farmers and land managers to understand practically what is involved. Whether that's reducing fertiliser usage, manure management, rotational grazing or optimising cultivations to improve soil health.

## 5. Ongoing Advice and Support



Long-term success requires continuous improvement. Our advisory team can provide ongoing support including regular farm visits to support the implementation of transition roadmaps, as well as follow-up footprinting to track progress. Drawing on our range of projects across the UK, you'll be part of the community invited to workshops, farm walks with the winners of initiatives like our [Soil Farmer of the Year](#) and [Carbon Farmer of the Year](#) competitions, and

a range of events.

## Key Staff Working with Fresh Produce

The majority of FCT's Advisory team are FACTS and BASIS-qualified. Our calculator team are experts in carbon accounting software.



### **Becky Willson: Technical and Business Development Director**

With over a decade of experience in low-carbon agriculture, Becky has worked extensively with farmers and growers in the UK. A Nuffield Scholar, Becky focused on communicating carbon reduction schemes to farmers. Becky is a regular speaker at national events, a professional trainer and has developed the BASIS course on GHG accounting in agriculture.



### **Tim Dart: Project Manager**

Tim has an international farm management, farm advisory and policy background. Tim has led the regional agricultural policy work, managed a protected landscape, led environmental partnership delivery for a local authority, as well as farm advisory work and large-scale habitat creation for a wildlife trust. Tim has also established renewable energy businesses and owns and runs his own farm, implementing regenerative techniques.



### **Anthony Ellis: Senior Soil and Carbon Advisor**

An agronomist and arable farmer in Cornwall, Anthony brings extensive practical knowledge to FCT's work with growers. He specialises in supporting arable systems to transition to lower-emission practices.

*'Our ongoing collaboration with FCT has enabled the pivotal development of an end-to-end supply chain footprint to provide a greater insight into our emissions from our farms through to our customers. This significant addition will not only deliver substantial benefits to our business but for our environment too in addressing climate challenges. FCT's continued support has been fundamental to our achievements in our net zero journey to date.'*

**Melissa Goodman - Head of Group Compliance,  
Burgess Farm Produce**

*"As the largest supplier of crisping potatoes in the UK we felt the time was right to take the initiative" explains Jon Kemp, Director of Livetrace. "The input we received from Farm Carbon Toolkit has been both professional and very much inspirational for us. This has led to a joint approach that is building our understanding of the carbon intensity within the crisping potato supply chain. We have leveraged the data which is already being collected by the LiveTrace software as part of the everyday farming activities, together with FCT's expertise to understand the carbon impact and guide farmers to more sustainable practices."*

## Just some of our clients



## About Farm Carbon Toolkit

Farm Carbon Toolkit was set up by farmers for farmers in 2010 as a Community Interest Company. Our mission is to provide world-leading practical and impact-led solutions to farmers, growers, land managers and their customers, to support the transition to climate-positive and resilient food production systems.



## Getting in touch

To learn more about how we can support your estate's carbon journey, phone or email:  
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