



@AllertonProject



30 years of the Allerton Project

Agricultural Lecturers event 2023

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PROJECT CO-ORDINATOR

www.allertontrust.org.uk

Who are we and what do we do ?

Allerton Research & Educational Trust

- To combine **productive** farming with wildlife conservation
- To **research** the interaction between farming, wildlife conservation, resource management & the environment
- To **disseminate** the results for the benefit of farmers, policy makers & others
- C.150 published research papers



Past & present partners



The University Of Sheffield.



Current projects & training

- Wildlife monitoring at Loddington (1992-present)
- Effect of Game management at Loddington (2011-present)
- Water Friendly Farming (2011-2027)
- Agroforestry trial with Woodland Trust (2016-2041)
- Syngenta: Conservation Agriculture (2017-present)
- Willow leaves as ruminant fodder (2019-2022)
- Marks & Spencer: Farming With Nature (2019-present)
- H2020 AgriCaptureCO₂ (2020-2023)
- H2020 Climate Neutral Farms (2022-2025)
- Defra/Natural England NEIRF Hedgerow Carbon Code (2022)
- Nitrogen Climate Smart (2023-2027)
- Basis accredited & bespoke training



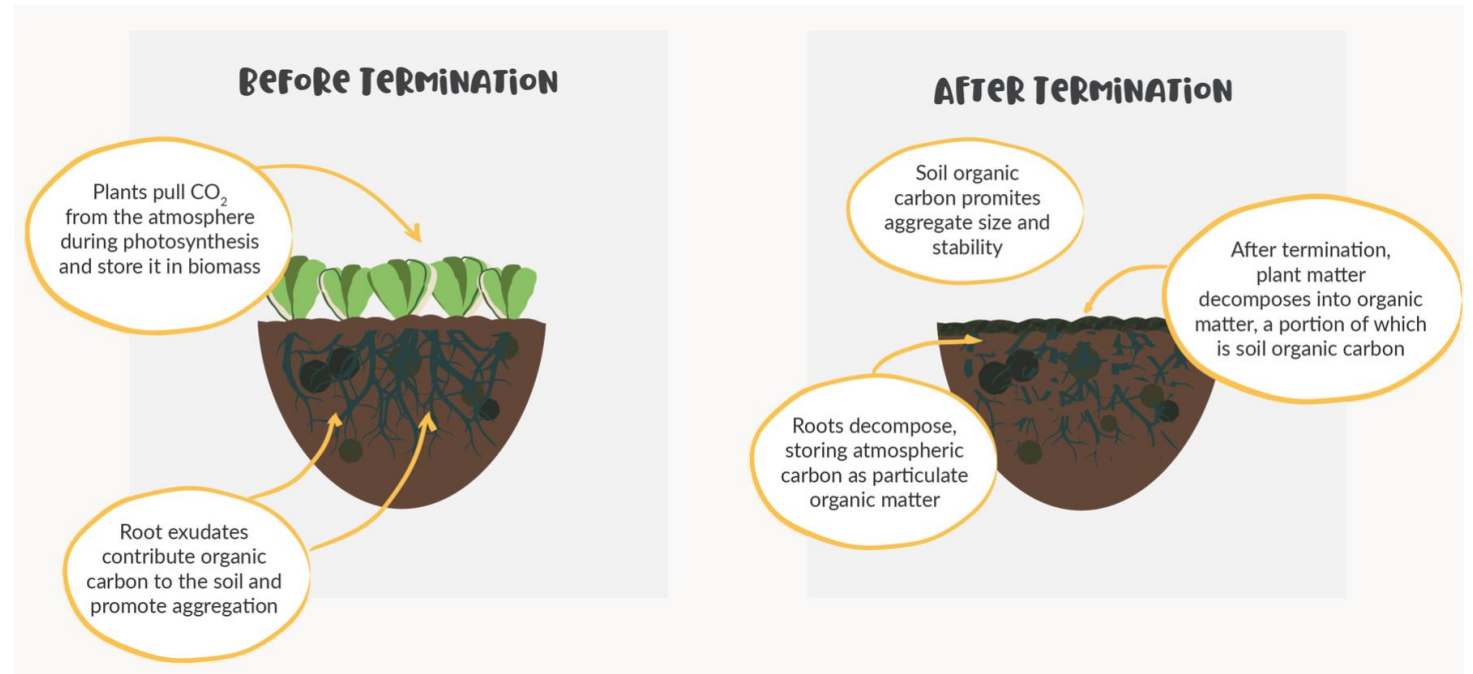
Resources available

- Graphics and documents to help explain topics around soil/soil health and soil management practices
- Research data from farm trials
- Practical research from farmers experiences within 'climate focussed projects'
- Direct line to myself to discuss information you may need to assist lectures
- Discounted trips to our research and demonstration farm in Leicestershire

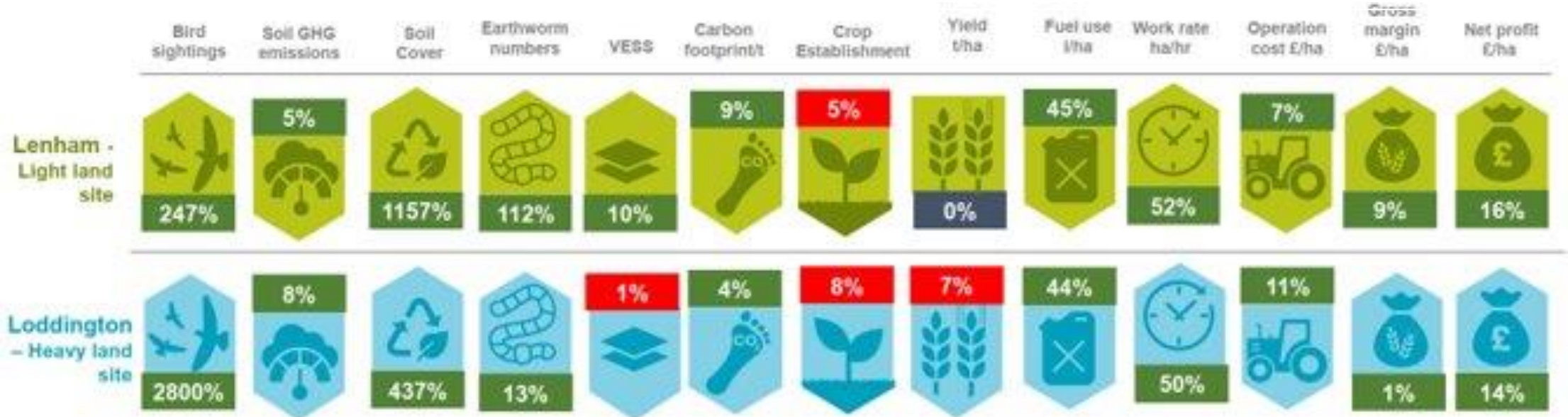


Examples

Agricapture CO₂, how plants sequester carbon graphic



Syngenta 5-year trial data looking at inversion tillage to direct drilling



Examples

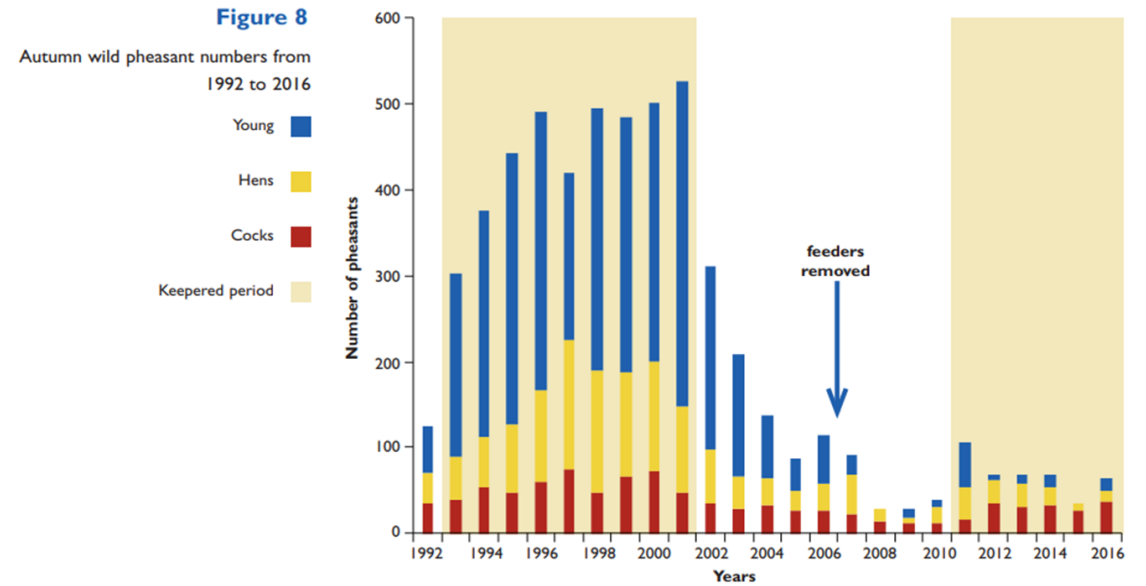
Following the feedbacks from each table it was also clear that they felt education and knowledge exchange was an important principle in heading towards a climate neutral farm, with no one solitary principle being able to help the direction to climate neutrality but together a unison a principles, knowledge and focus to help the whole supply chain move in the climate neutral direction.

The top five individual principles which were presented by the 5 tables are below with their respective figure of frequency, contributing to 51% of the overall principle suggestions.

Table 3 Top 5 suggested principles for a climate neutral farm and frequency

Principle	Frequency of mention (%)
Utilising Renewable Energy	11.5%
Improve Soil Health	11.5%
Planting more trees and hedgerows (including agroforestry)	11.5%
Engaging the community, the supply chain and trading in local markets	9%
Improved crop rotations	7.5%

Insights into EU and industry research projects with arable farmers – reports and written up project learnings



Published results from long term wildlife and habitat research projects

Hedgerow Carbon Code

A new project to unlock the environmental potential of hedgerows received a grant of **£80,000**

The Code will encourage habitat improvements and calculate the **carbon capture potential of hedgerows**

Hedgerows sequester carbon at twice the rate of woodland because of their linear structure

England's **hedges store 9 million tonnes of carbon**

Well-positioned hedges can reduce:

- surface run-off, improving water quality;
- remove harmful air pollution;
- provide flood mitigation;
- support more than: **600** different plants, **1,500** insects, **65** birds and **20** mammals species

To learn more visit gwct.org.uk/allerton

Next steps

[The Allerton Project | Game & Wildlife Conservation Trust](http://allertontrust.org.uk)
allertontrust.org.uk

We would like to be a part of the narrative that educates young adults going into the agricultural industry

1. Farming goes beyond the cash crop
2. Policy must be driven by evidence-based decisions
3. How to utilise natural capital
4. Benefits of multiple land use actions
5. Benefits of landscape scale action
6. Focus on profit rather than output
7. The value of people and the longevity of how we farm



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