



TRINITY NATURAL CAPITAL GROUP

Dr Emily Pope

trinityncg.com

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Trinity Natural Capital Group: empowering agriculture with tools for carbon, biodiversity, water protection, and knowledge exchange

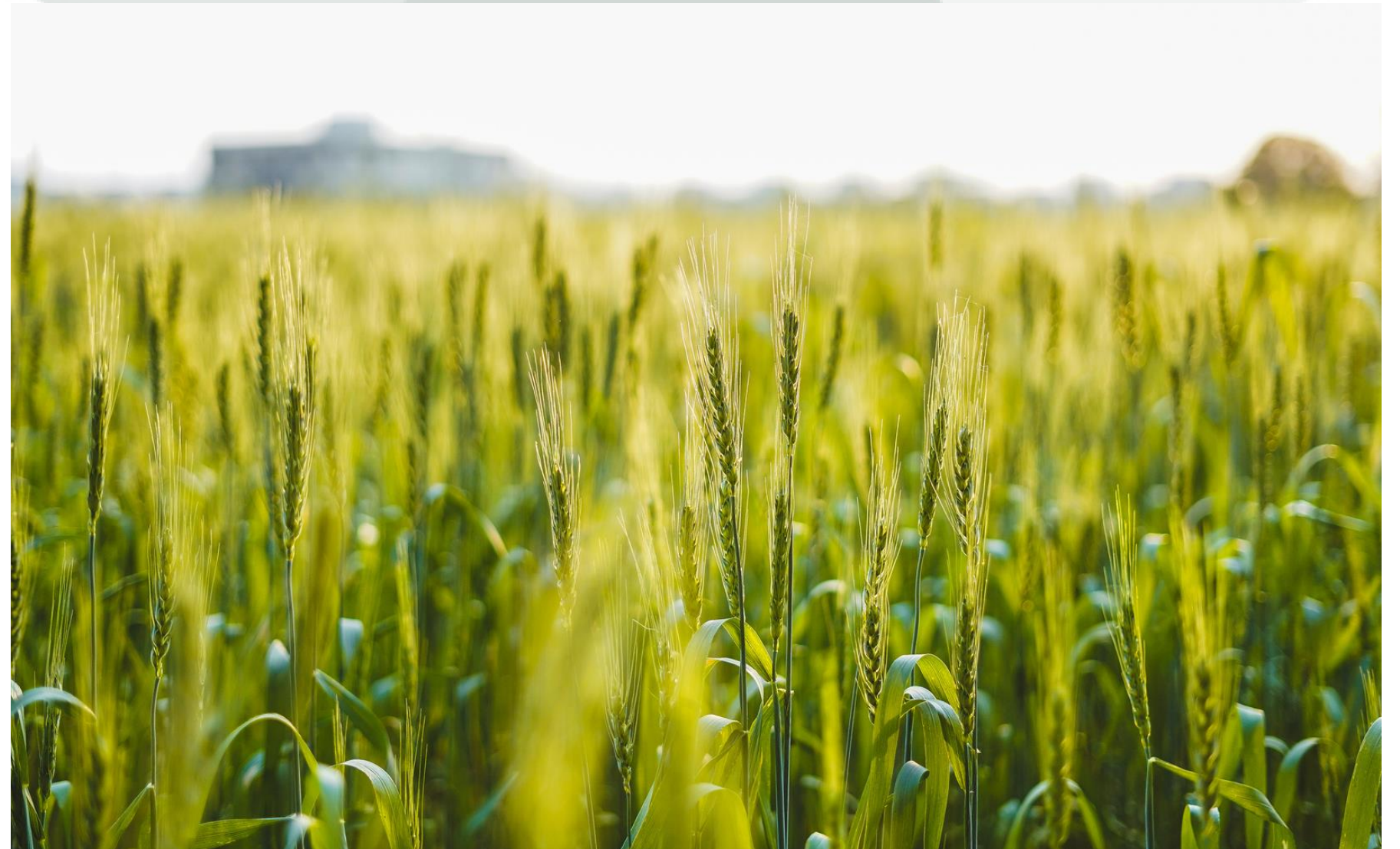
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ABOUT TRINITY NCG

Trinity Natural Capital Group enables farmers to measure, validate, monetise their environmental progress, unlocking income from natural capital. We foster collaboration, support idea generation, and serve as a trusted partner to diverse stakeholders in sustainable and profitable farming.

trinityncg.com



OUR TEAM

Diverse and multidisciplinary group. Our mission is to help boost the profitability and sustainability of agriculture.



TRINITY AGTECH

An award-winning, new generation smart natural capital 'navigator', providing a trusted, scientific solution to achieve environmental and financial goals. Sandy is the most credible new generation agtech software to measure, manage and optimise your carbon, biodiversity, water quality - and beyond!



TRINITY GLOBAL FARM PIONEERS

Empowering everyone to learn, collaborate, and discover together. Where people connect and revolutionise farm sustainability and profitability.





SANDY

By footprinting a farm, it becomes a valuable teaching and assessment resource, enabling hands-on learning and practical application of agricultural concepts for students.

1

Data collection

Develop the knowledge and skills necessary to effectively implement sustainable agricultural practices.

2

Natural capital register

Understand and quantify greenhouse gas emissions.

3

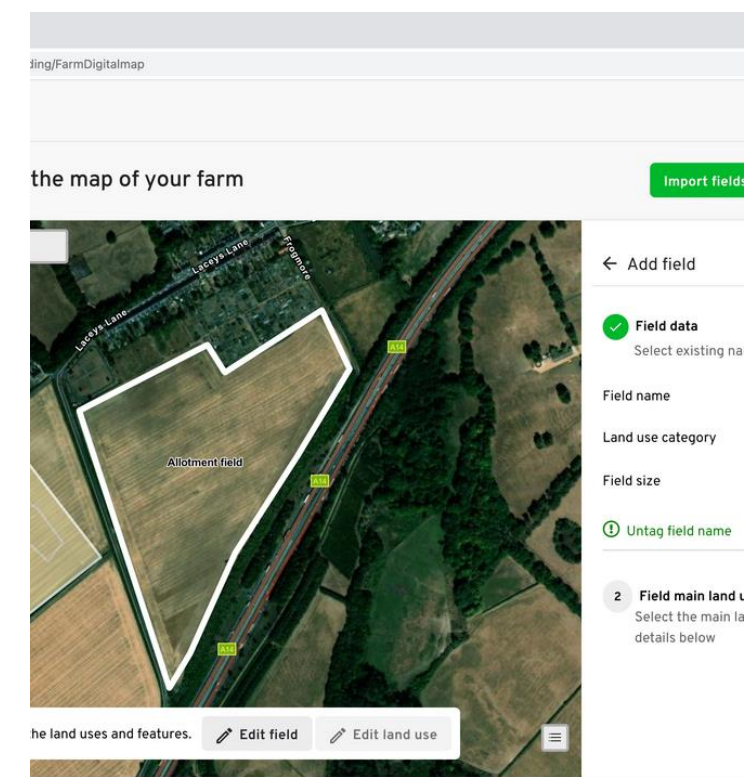
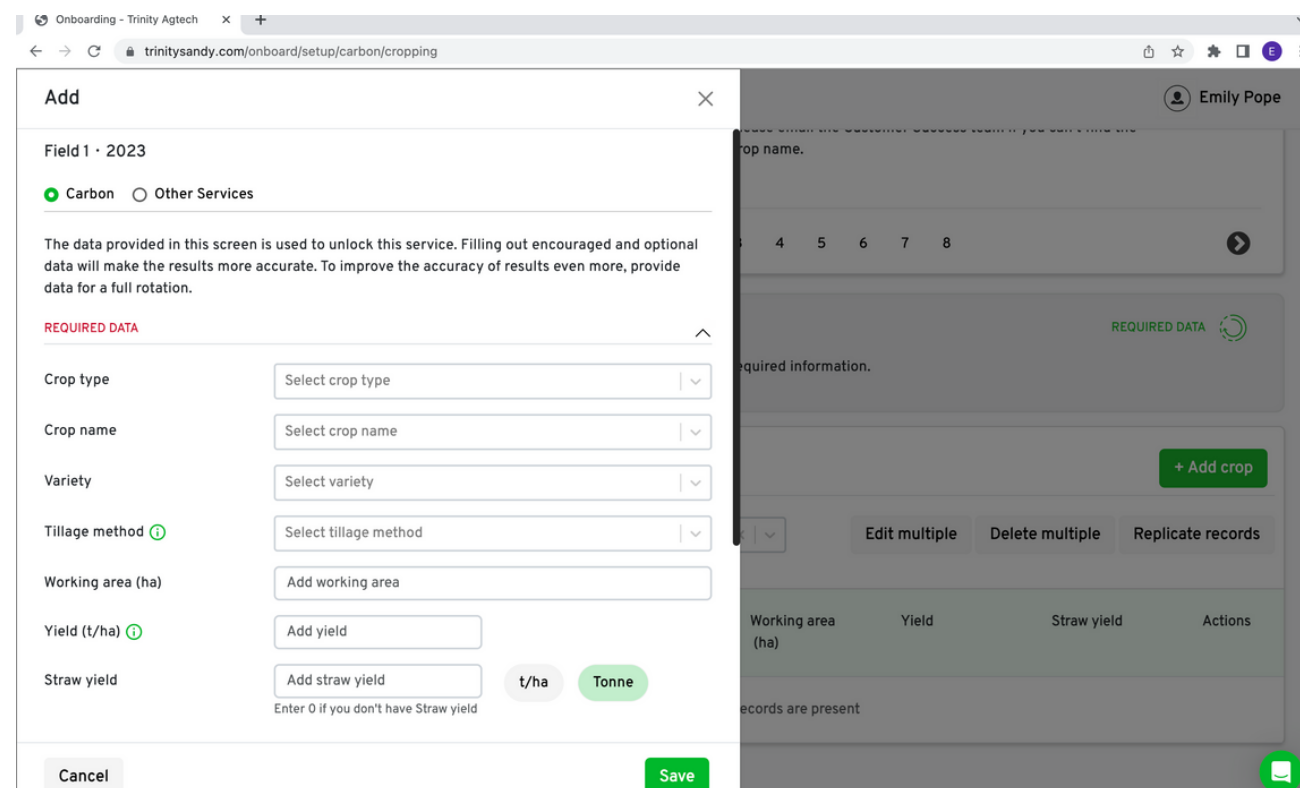
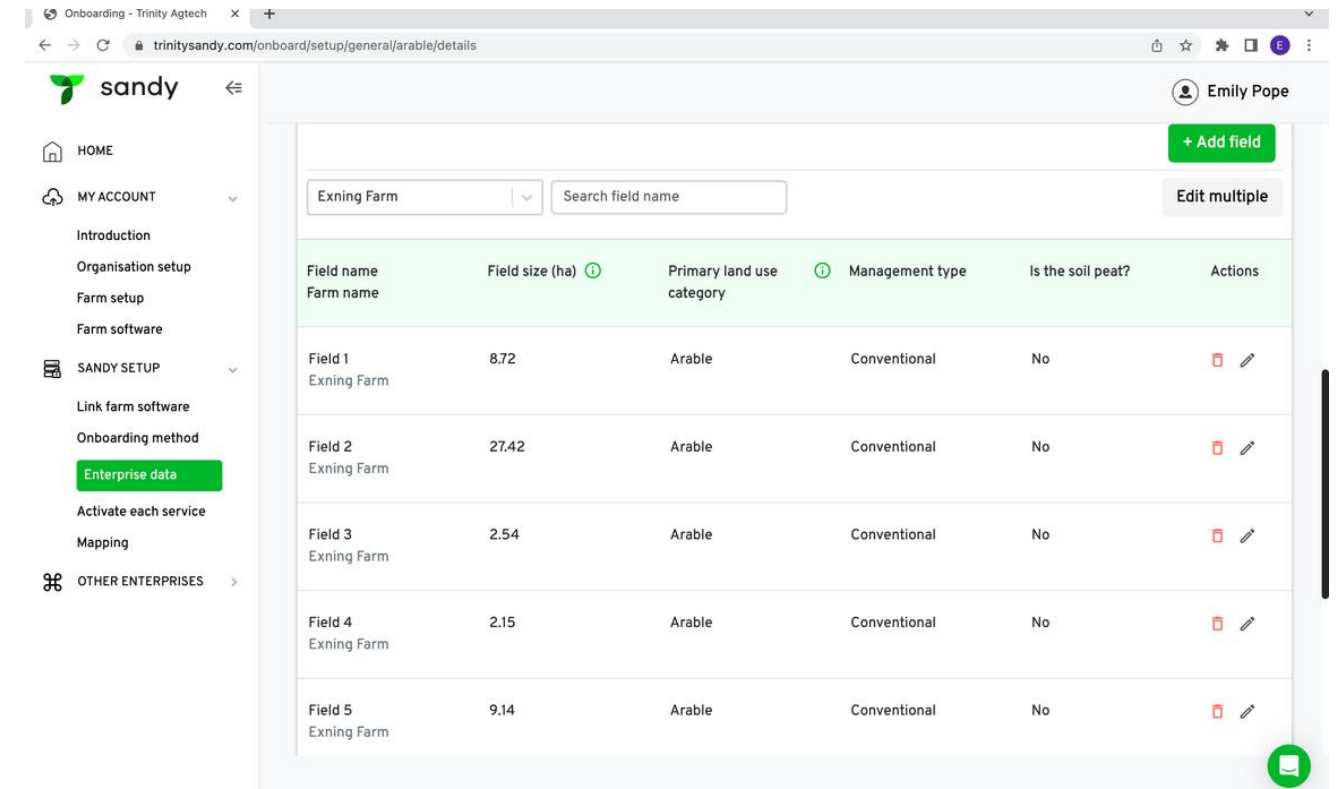
Scenario planning

Identify areas for improvement and develop strategies to reduce the carbon footprint.



DATA COLLECTION

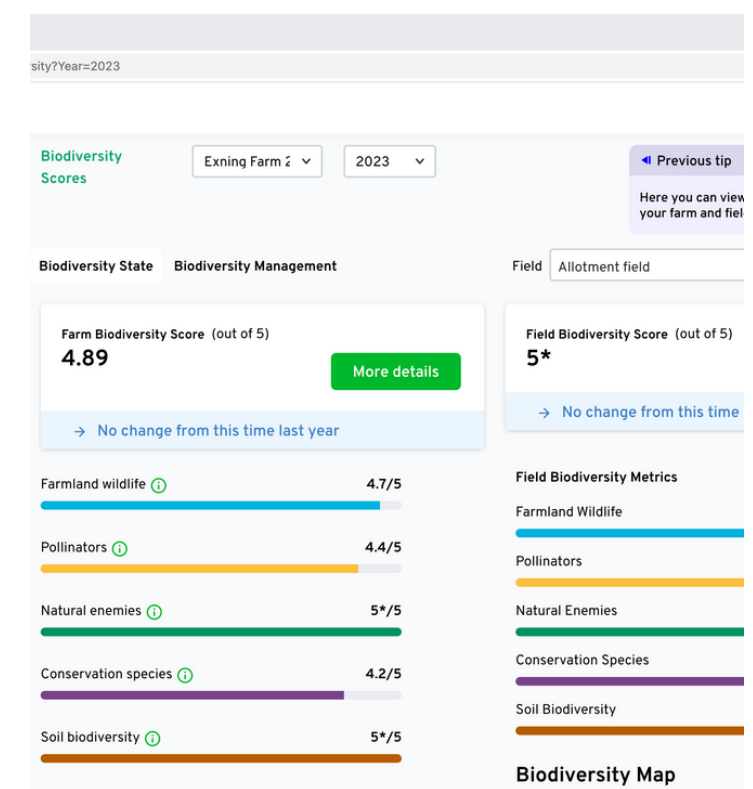
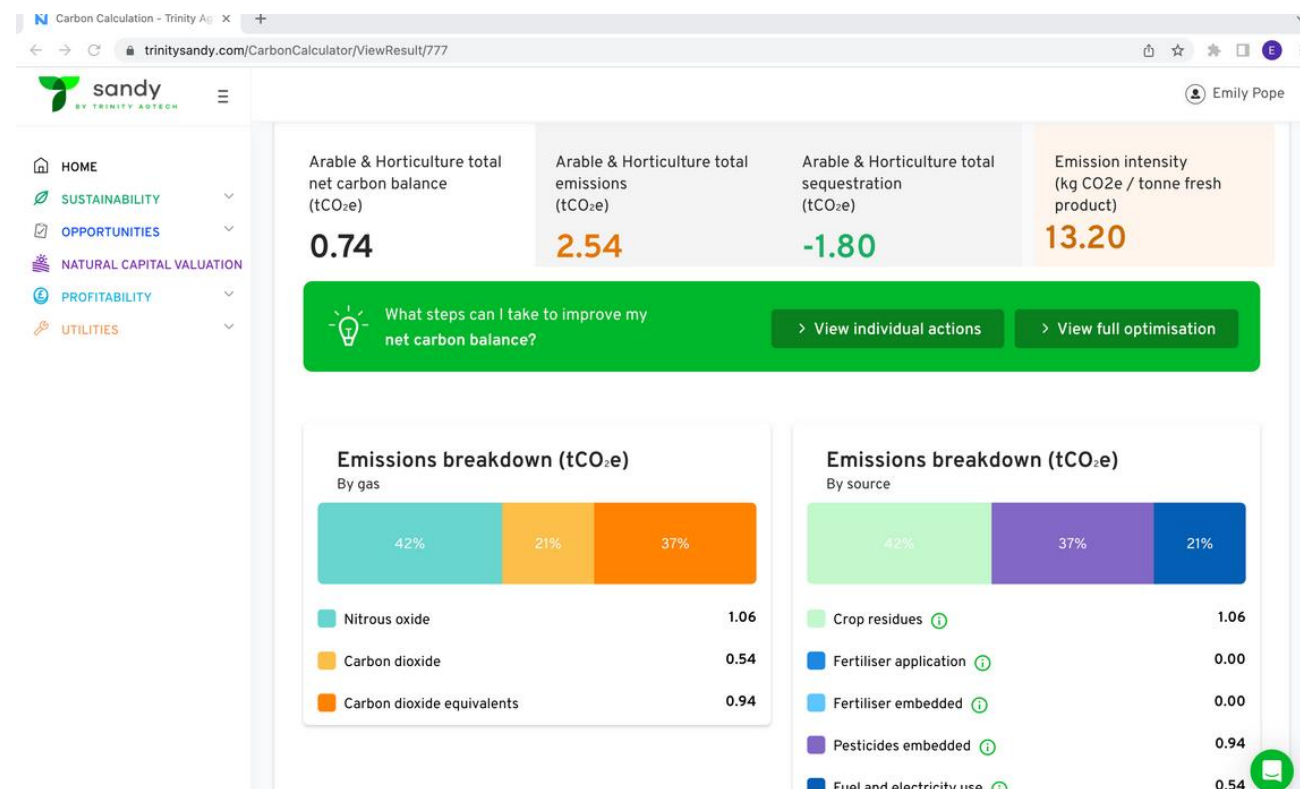
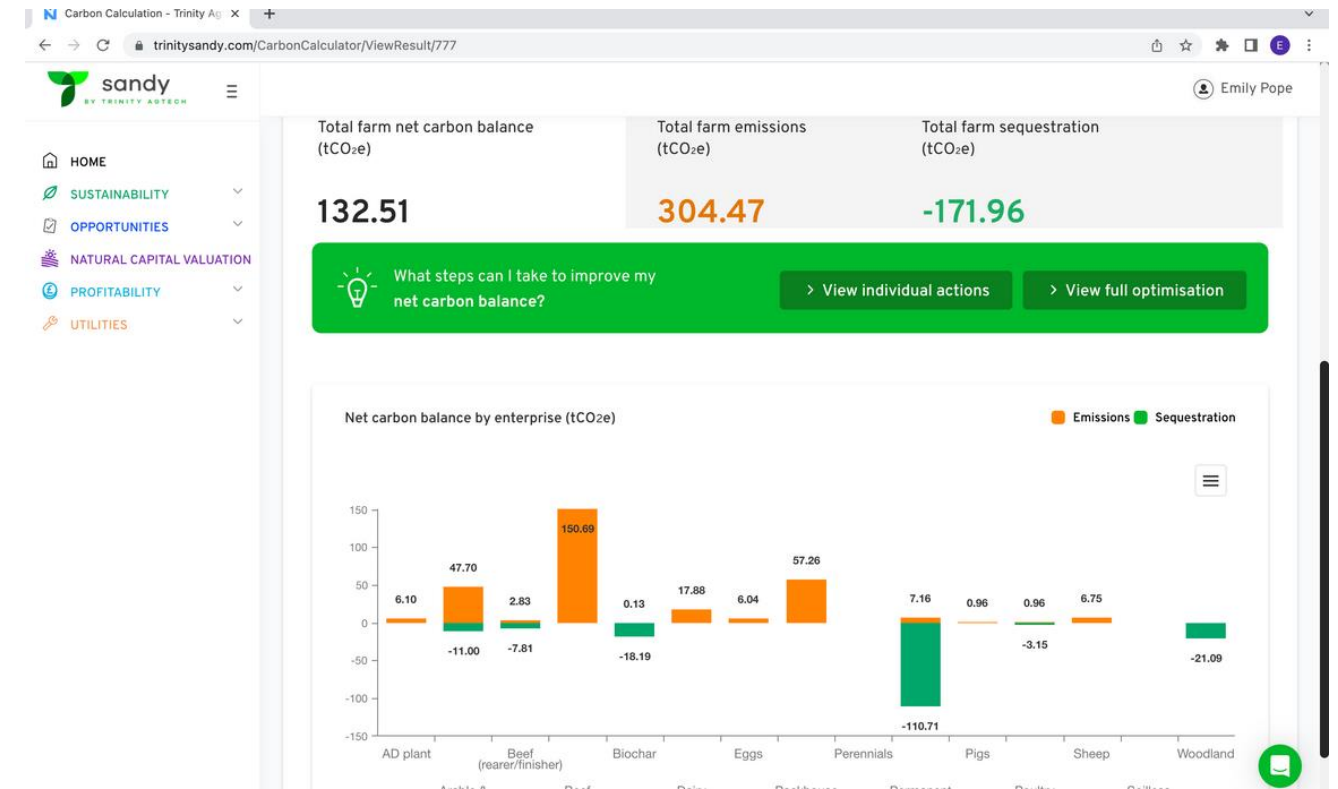
Enables informed decision-making, optimised resource management, and evidence-based practices for improved farm efficiency, productivity, and sustainability.





NATURAL CAPITAL REGISTER

Learn about greenhouse gas emissions, identify areas with the greatest carbon impact, and gain insights into opportunities for emission reduction.





SCENARIO PLANNING

Fosters critical thinking and prepares students to adapt and innovate in a dynamic industry.

← Back

How to reach Net Zero on your farm?

Get started with setting up a customised action plan

- ✓ Carbon calculation name: Exning Farm 2
- ✓ Selected year: 2022
- ✓ Selected enterprises: Arable & Horticulture
- ✓ Selected fields: 11

Current state	
Net carbon balance tCO ₂ e	47.70
Emission tCO ₂ e	
Sequestration tCO ₂ e	-11.00

Before Sandy recommends a personalised action plan, we need a few more details.

tCO₂e

Before Sandy recommends a personalised action plan, we need a few more details.

- Add target**

Carbon Target Metrics
Target carbon performance for your system

Target Net Carbon Balance
tonnes CO₂e / yr

0 Make this target a strict requirement

- Set limits**

- Choose your preferences**

Provide Solutions

How to reach Net Zero on your farm?

Solution 1 Solution 2 Solution 3 Solution 4

The solution has 6 mitigation actions

- ✓ Management practice change
Spring barley (16.0 ha)
Carbon: -24.3 tCO₂e
Biodiversity: -0.2
- ⚠ No-till (direct drilling)
- ⚠ Deep rooting crop varieties

To implement in year: 2023

- ✓ Management practice change
Spring barley (9.0 ha)
Carbon: -13.7 tCO₂e
Biodiversity: -0.3
- ⚠ No-till (direct drilling)
- ⚠ Deep rooting crop varieties

Carbon footprint projection

Annual net carbon balance (tCO₂e)

Year	Annual net carbon balance (tCO ₂ e)
2022	47.70
2023	23.40
2024	9.10
2025	-3.20
2026	-17.50

Biodiversity projection



PIONEERS

Collaborative knowledge exchange and practical experience sharing, fostering innovation and a broader understanding.

1

Networking

Share expertise, access valuable resources, and enhance professional development.

2

Communities

Facilitates collaboration, encourages learning, and enables the exchange of innovative ideas and best practice.

3

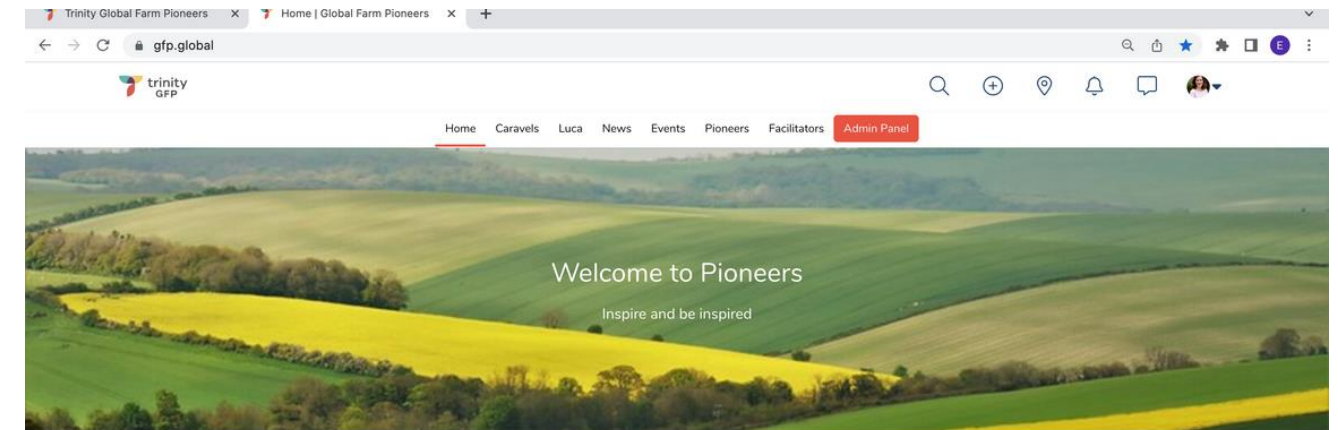
Knowledge library

Stay informed about the latest agricultural practices and research findings.



NETWORKING

Foster collaboration, knowledge exchange, and access to valuable resources and expertise within the agricultural community.



Emily, here's what's new

General My Caravels

Write a post

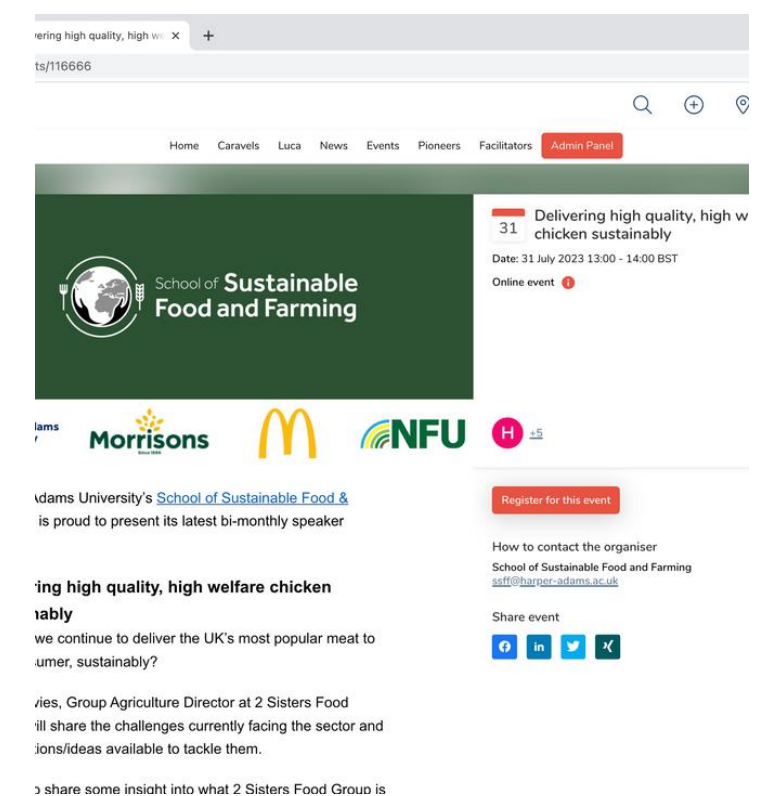
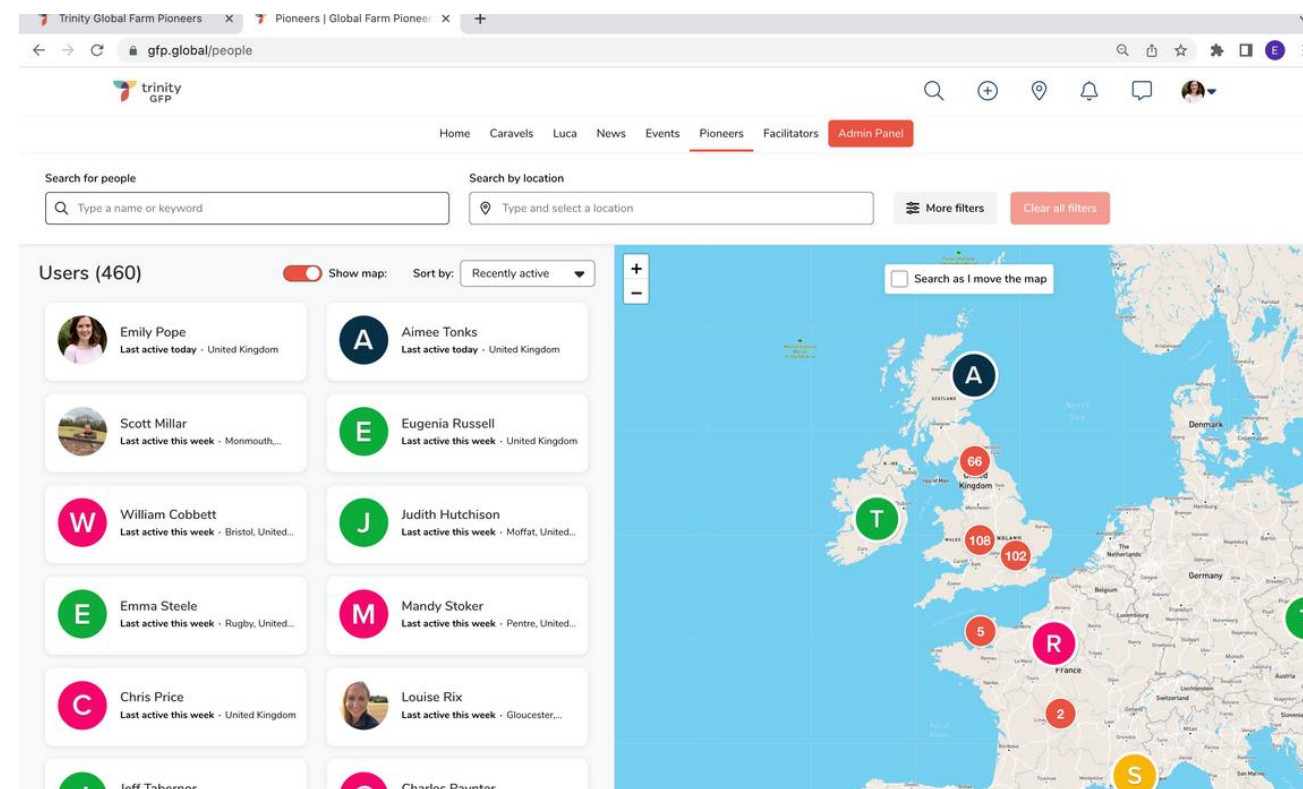
Share a new...

- Check-in
- Trip
- Event

Filter by: All

Recently active users

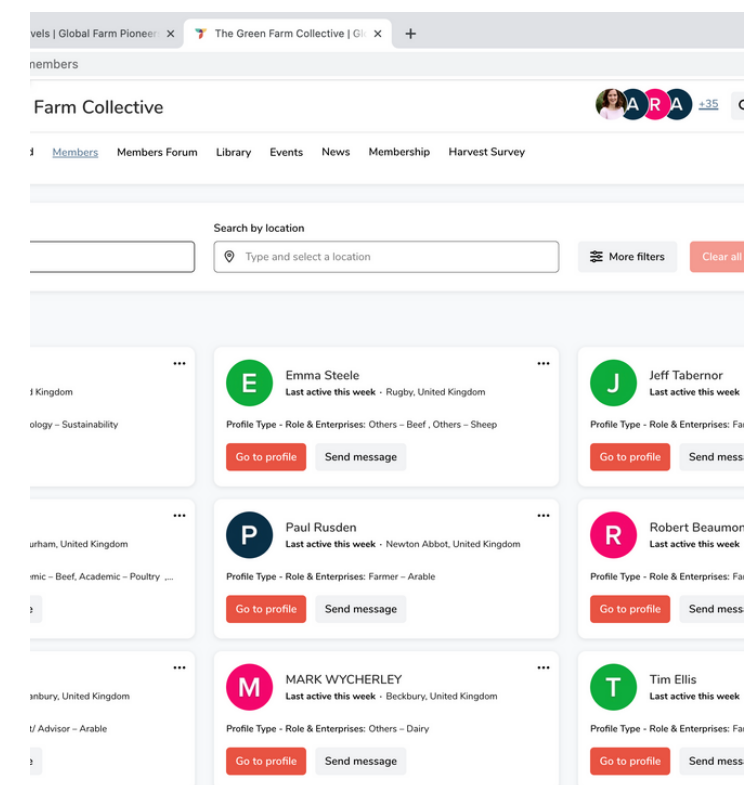
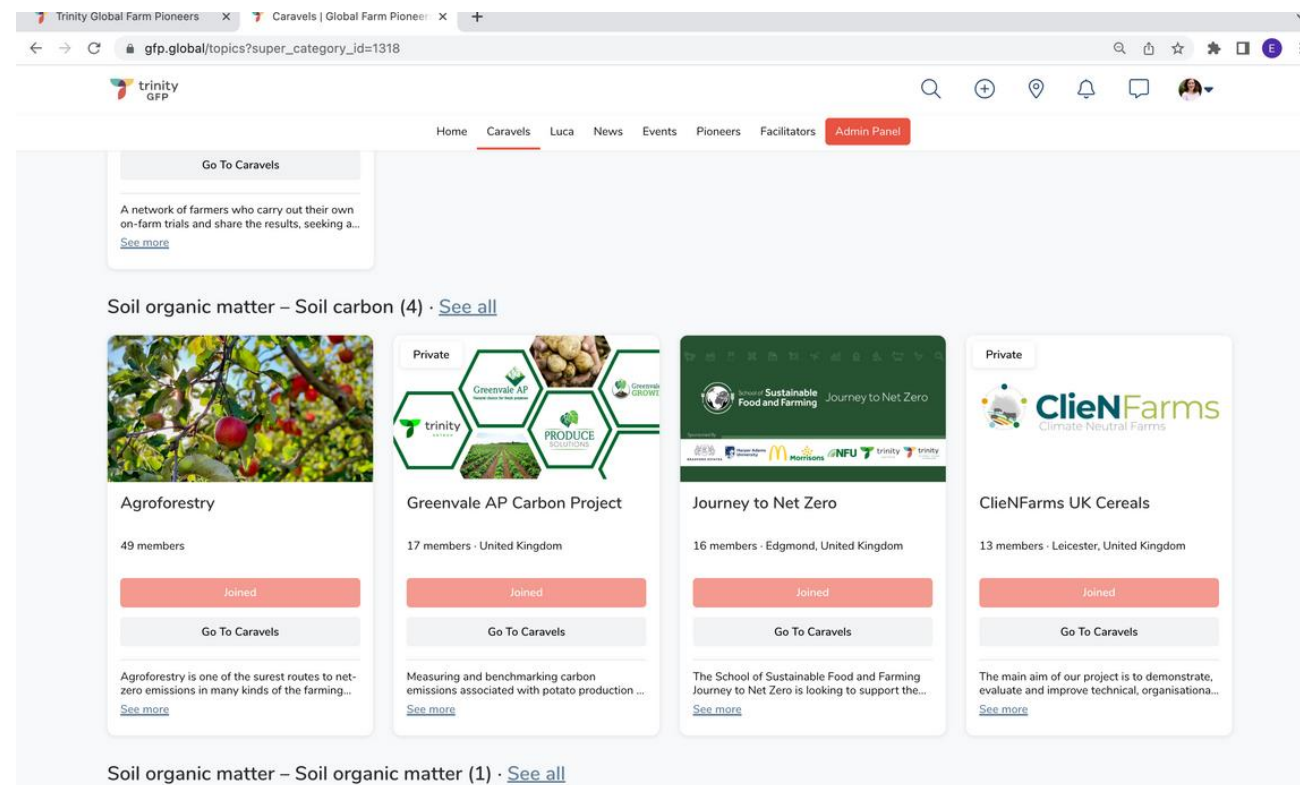
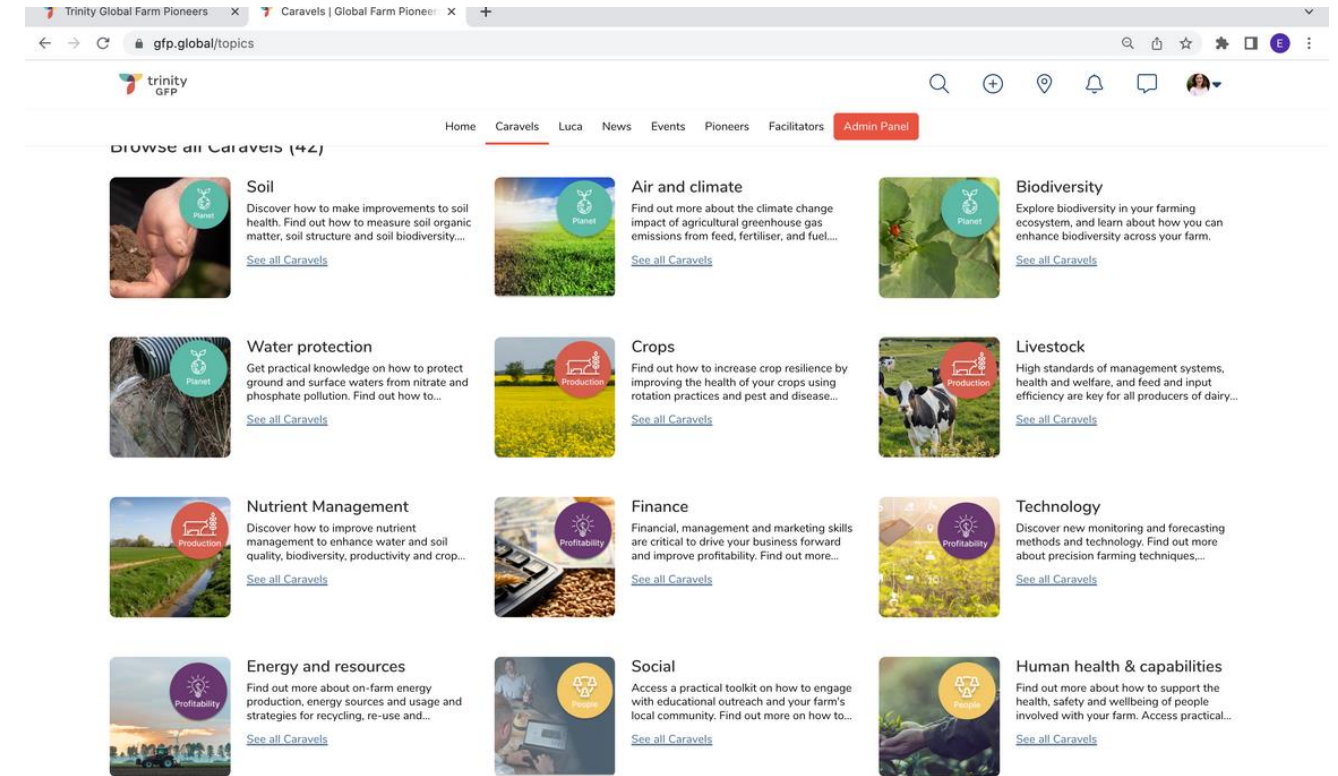
- Scott Millar
- Louise Rix
- Tom Pope
- Joe Roberts
- Thomas Pearson
- Geoff Pickering





COMMUNITIES

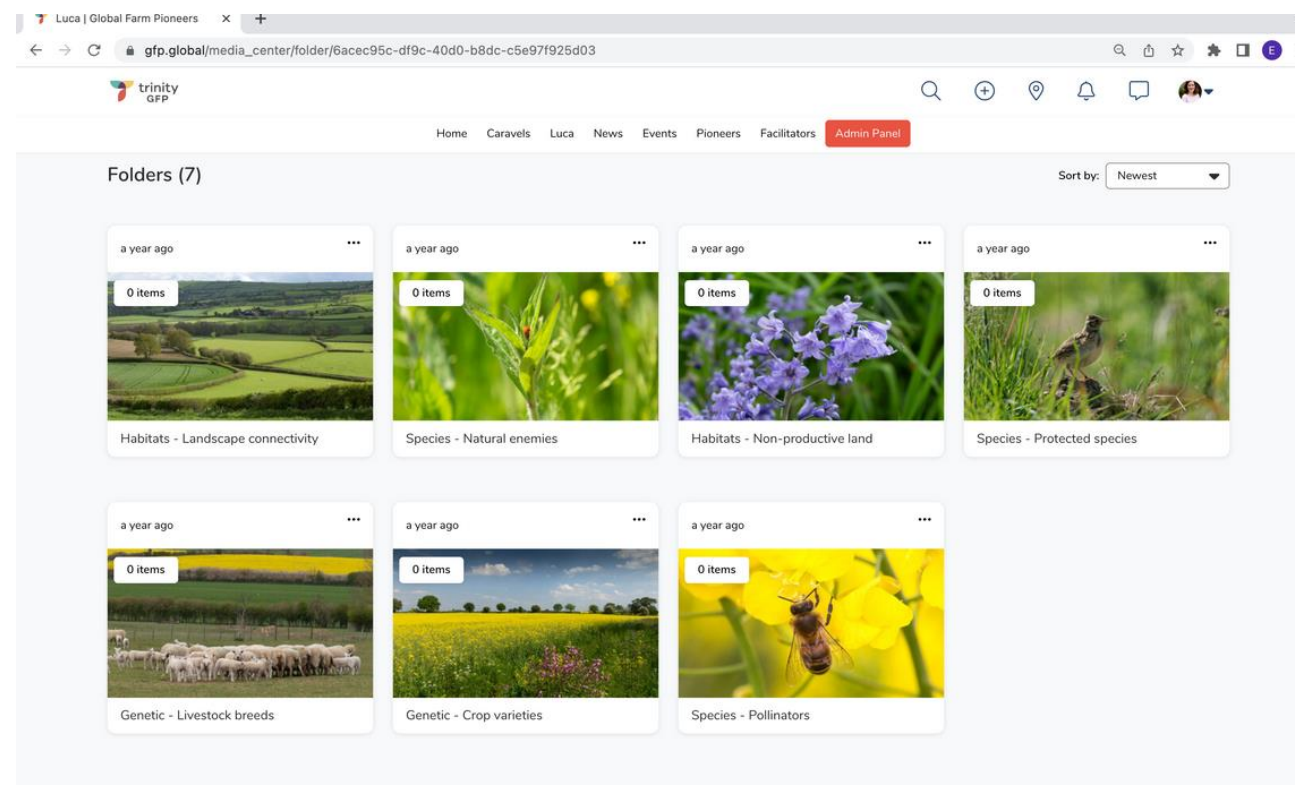
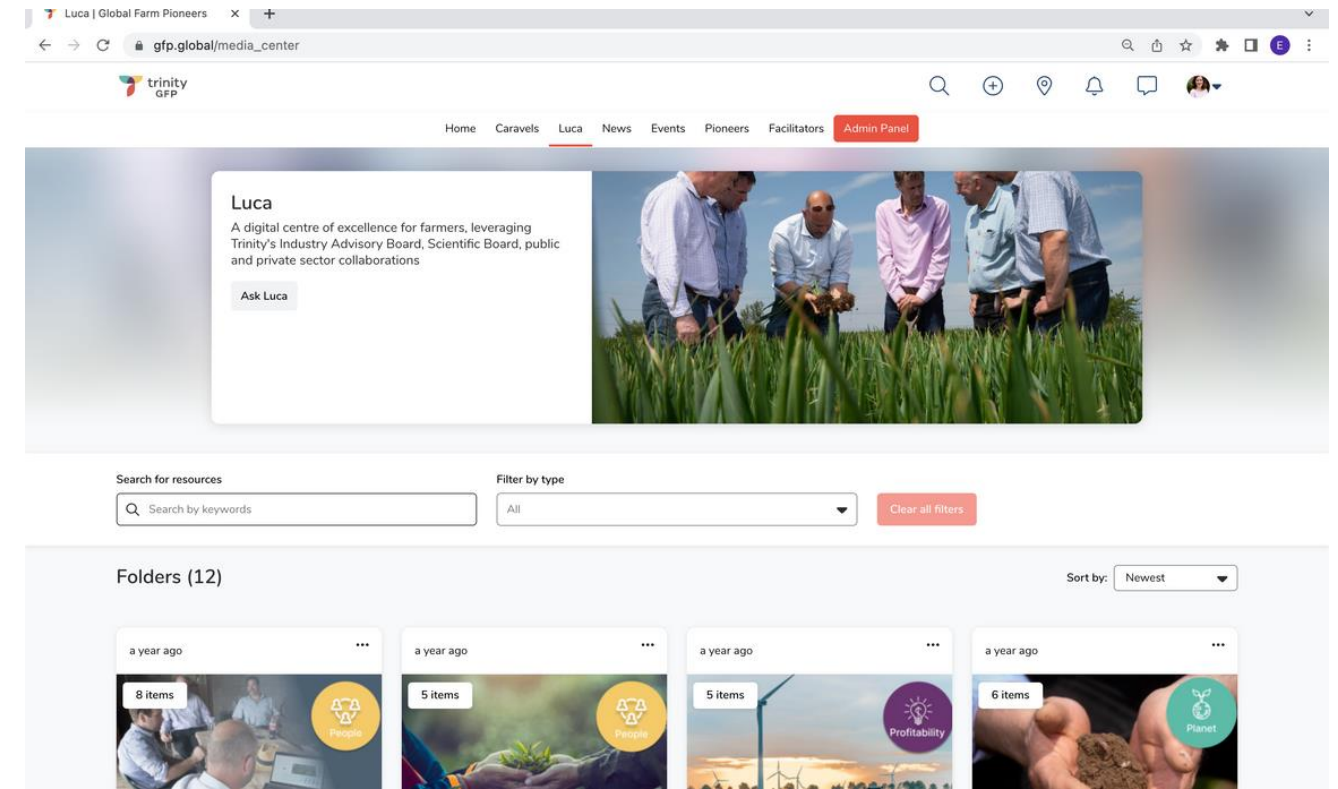
Connect with like-minded individuals, expand professional network, and engage in discussions relevant to field of study, fostering learning, and collaboration.





KNOWLEDGE LIBRARY

Equipping users with current knowledge, cutting-edge research, and industry trends, enabling them to make informed decisions, adapt to evolving practices, and stay at the forefront of the agricultural field.



LET'S CONNECT

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