

# Agricultural Systems TAG: *The Viability Indicator*

*Helping land managers and policy makers compare & assess different management options for progressing towards net zero*

## Progress update

- A working prototype is accessible for comment via <https://farmpep.net/resource/lunz-hub-viability-indicator>.

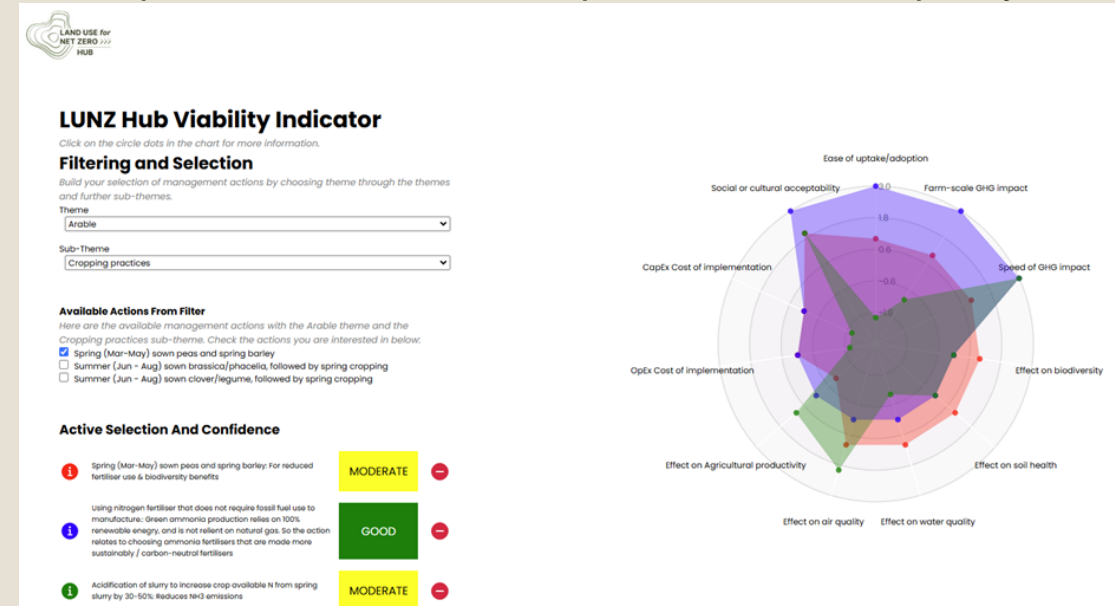
## Next steps:

In addition to taking on the feedback, our next steps include:

- Interactions with other TAGs or WPs (some already arranged, others being scheduled);
- Increasing the list of interventions for which we have scores; for which we will need wider consortium engagement in getting specific measures described in sufficient detail and then scored;
- Further specific interaction with policy customer representatives;
- Seeking wider feedback, including externally to the consortium, either via FarmPEP or at events, such as is planned at Groundswell.

## Overview:

- **47 interventions** identified, including precision agriculture, adding biochar & minimum tillage
- 37 scored (to date) against **11 criteria**: (e.g. ease of uptake, scale of GHG impact, water & air quality)



# Soils TAG:

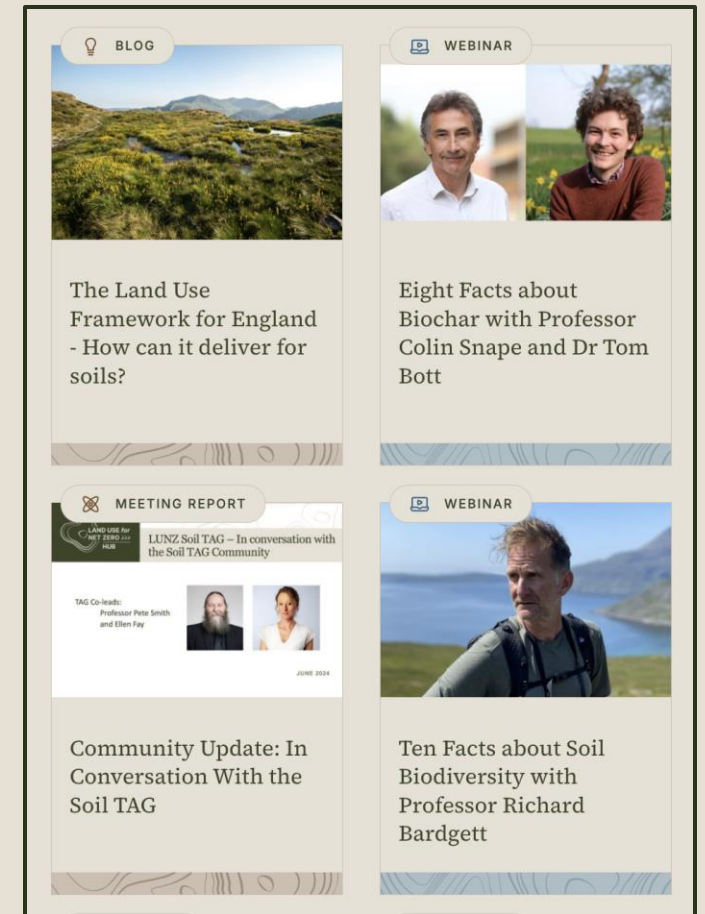
*Answering the urgent, practical questions that lie at the heart of understanding soil's role in delivering for Net Zero through a series of workshops & expert interviews*

## Proposed agenda:

- Different approaches to on-farm soil monitoring, and what they means for land managers
- How to create a viable soil carbon/health baseline – perspectives from different stakeholders
- The potential role of soils in flood risk adaptation and mitigation
- Mythbusting soil carbon measurement and modelling
- The connection between soil biology and soil carbon
- The science of soil carbon sequestration

## Next steps:

- Confirm speakers and schedule of events



**February 2025**

# Land Use Change TAG:

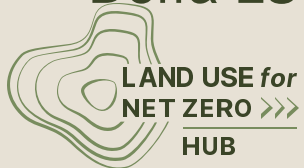
Engaging experts to address some of the critical, systemic knowledge gaps that prevent a universal, joined up approach to the LUNZ challenge

## Topics identified to follow up on:

- What are multifunctional landscapes?
- How do we balance climate adaptation and mitigation?
- Should we adopt different scales of decision-making for different types of LUC?
- Do we really consider the needs of urban populations in rural LUC?
- What is the role of land tenure in LUC?
- How can historic LUC efforts (e.g. post-war) inform today's LUC planning and implementation?
- Are there other ways to pursue LUC at scale?

## Next steps:

- Identify and approach target experts
- Defra LUF workshop/discussion



# WP3: Net Zero Futures Platform:

Co-designing pathways on land use for Net Zero Nature and People transition based on a shared “pathway framework”

## Overview

- Co-development workshops held across the 4 nations with groups of stakeholders
- Using a shared “pathway framework” allows for comparison across the 4 nations, whilst providing space for national perspectives to emerge
- The pathway framework included an agreed list of 50 actions, grouped across 8 themes.

## Next steps:

- Further consultation on the pathway developed and quantification of these
- Modelling of impact, co-benefits and trade-offs

