JOURNEY TO NET-ZERO

Bob Clark
STONE ENDS FARM
Cumbria, UK
SIZE / ENTERPRISES:
33 HECTARE / UPLAND LIVESTOCK (SHEEP & BEEF)
CARBON TOOLS USED: AGRECALC & TRINITY AGTECH SANDY
OUR OBJECTIVES:
• Maintain & exceed our net zero status by optimising waste management through
  carbon & bio-fertiliser.
• Improve grazing pressure & farm biodiversity
• Plant more hedges across the farm to sequester carbon, further burns
• Improve livestock & environmental health

OUR HIGHLIGHTS:
• Achieved a lower status end carbon footprint following our efforts to improve waste management & carbon sequestration.
• Successful implementation of bio-fertilisers to enhance soil health.
• Enhanced biodiversity through the establishment of new hedges.

Rachel & Richard Risdon
WOODROW BARTON FARM
Devon, UK
SIZE / ENTERPRISES:
70 HECTARE / DAIRY CATTLE
CARBON TOOLS USED: AGRECALC
OUR OBJECTIVES:
• Exploit how we can reduce our fertilizer inputs &
  manage demand through mixed herbal ley, higher clover
  content pastures & switching to Ni products to increase nitrogen recovery
• Increase carbon sequestration with increased clover content, multispecies
  legume & crop areas of soil improvement through swale lifting on arable
• Increase forage protein & reduce purchased feed
• Experiment with an area of planting trees & carbon sequestration

OUR HIGHLIGHTS:
• Hosting our own Open Farm Sunday event with a fantastic turnout!
• Visitor centre now fully functional & providing educational resources.
• Successful implementation of new carbon sequestration initiatives.
• Further exploration of nutrient management strategies.

Stuart & Kate Mitchell
WHITRIGGS FARM
Hawick, Scottish Border, UK
SIZE / ENTERPRISES:
442 HECTARE / MIXED ORGANIC (SUCKLER COW HERD, VEGETABLES, CEREALS)
CARBON TOOL USED: AGRECALC
OUR OBJECTIVES:
• Monitor & improve soil condition with green manure & herbal ley
• Plant more hedges using wool as a mulch to reduce plastic &
  eventually plant willow
• Establish accurate representation of deer ruminants in a carbon tool

OUR HIGHLIGHTS:
• Implementing innovative tree planting and woodland management strategies.
• Successful establishment of new herbal leys for improved soil condition.
• Exploration of alternative carbon sequestration techniques.

Stephenn Shields
HUNTAPAC PRODUCE LTD.
Lancashire, UK
SIZE / ENTERPRISES:
1,800 HECTARE / ROOT CROPS – CARROTS & PARSNIPS
CARBON TOOLS USED: COOL FARM TOOL & HORTIPLANET
OUR OBJECTIVES:
• Reduce use of synthetic fertiliser & trial low-carbon alternatives
• Implement practices to improve carbon sequestration
• Try other carbon tools that may help better our farming system

OUR HIGHLIGHTS:
• Increased our Lolium maire area, which is currently over 1000 acres, planting different low C fertilisers & Leucaena at the farm. We have noticed significant improvements in soil health & carbon sequestration.
• Using Agrovista® to monitor pollutant emissions & identify areas for improvement.
• Exploring innovative techniques to improve carbon sequestration.