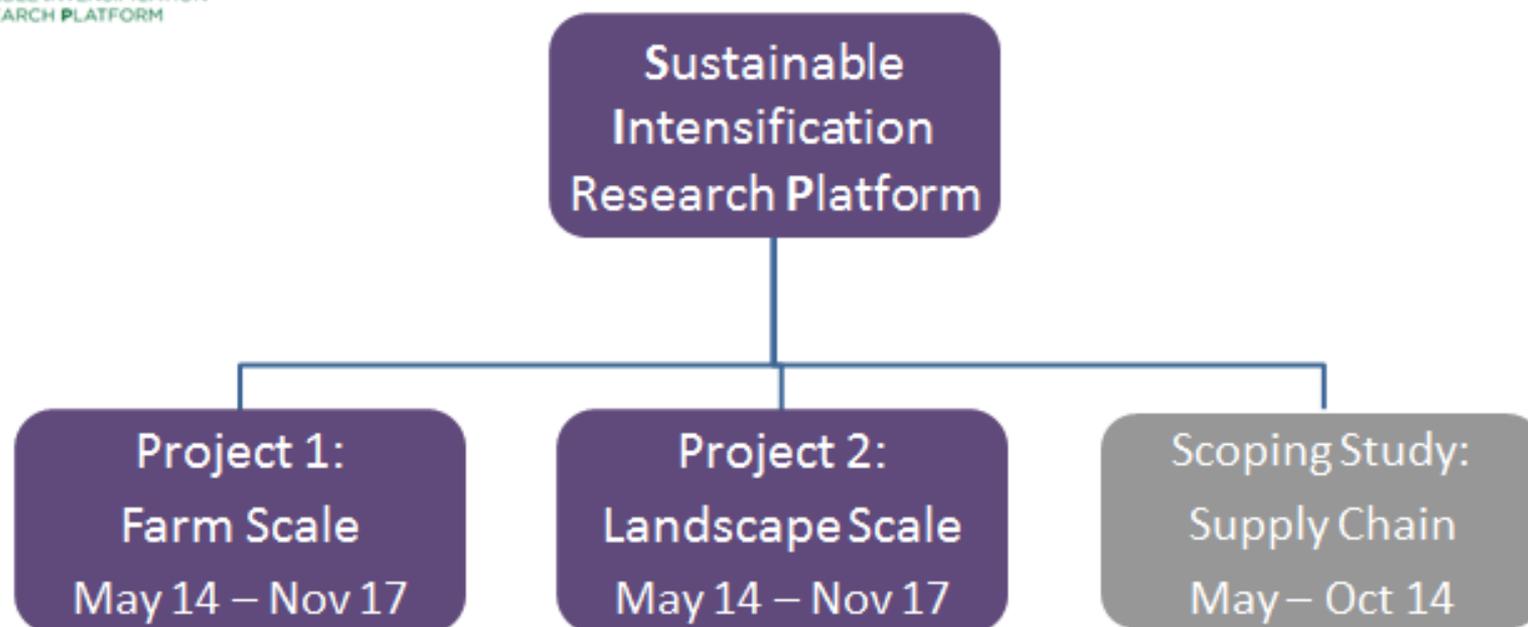




The UK national Sustainable Intensification Network

Michael Winter, University of Exeter
(representing Andy Whitmore, Rothamsted Research)



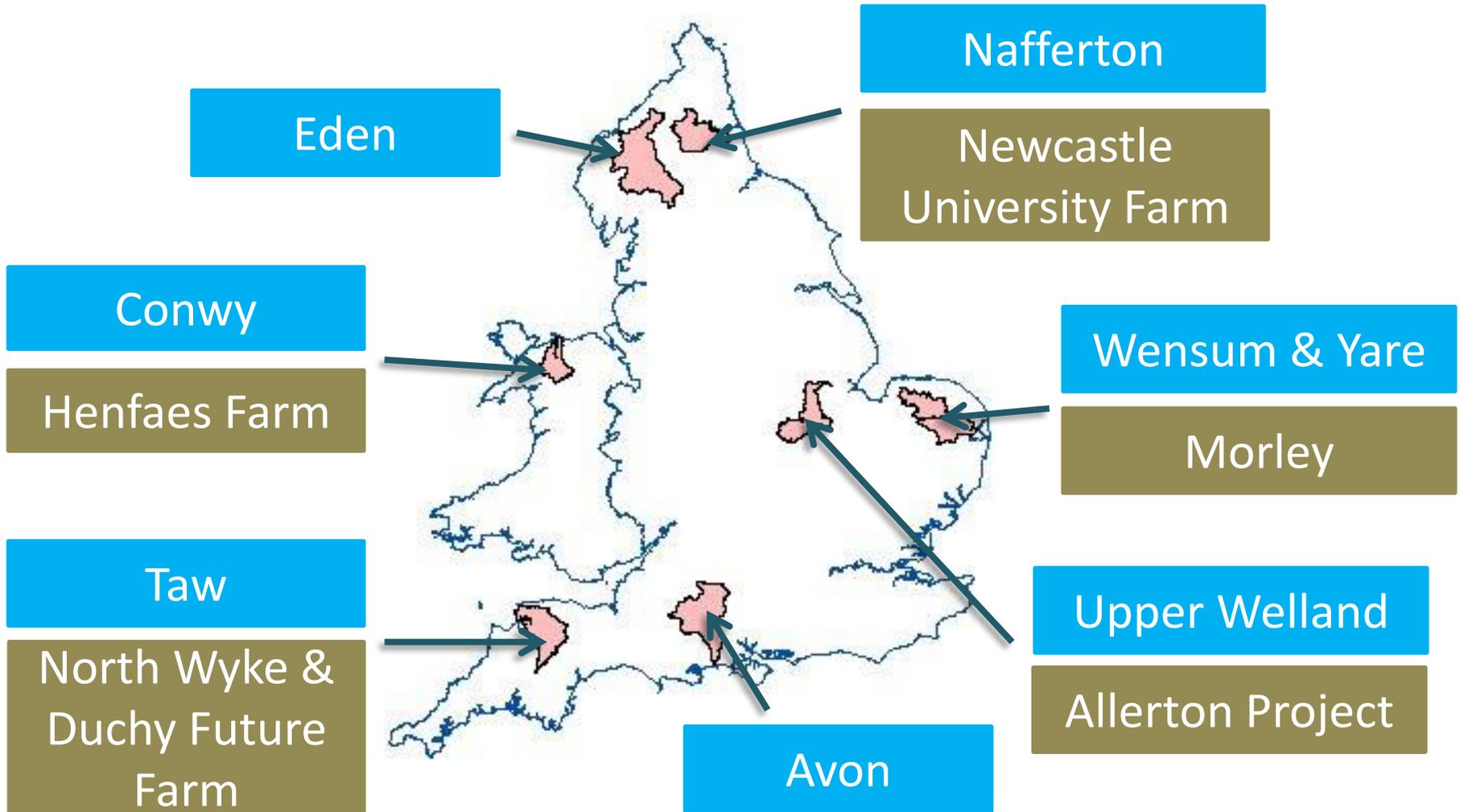
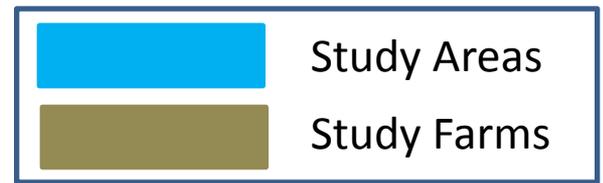
Looking at opportunities and risks for SI in England and Wales, and how SI can be put into practice



Soil Association



Where is SIP?

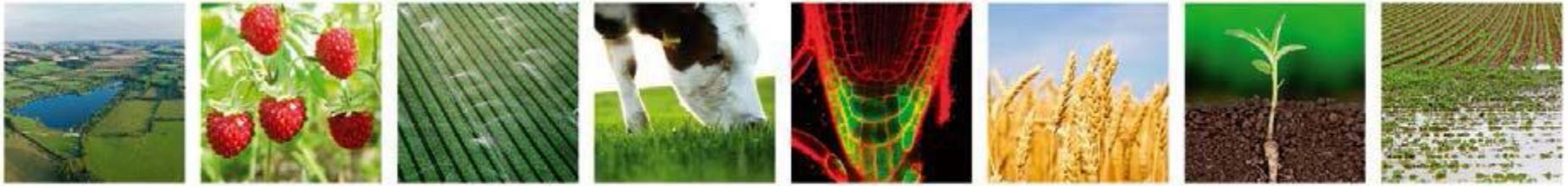


Sustainable Intensification Research Network (SIRN)

- BBSRC-NERC call for community network focussed on Sustainable Intensification
- Leadership Team
 - Andy Whitmore (Rothamsted)
 - Matt Heard (CEH)
 - Michael Winter (Exeter)
 - Sue Hartley (York)
- Funded for 3 years until April 2019

Sustainable Intensification Research Network (SIRN)

- 1.** Bring together new combinations of researchers from different disciplinary communities with roles to play in addressing SI
- 2.** Facilitate collaboration and stimulate proposals for innovative, systems-oriented research relevant to SI at the interfaces between disciplines in the biological and environmental (and social) sciences
- 3.** Enable the integration of genetics (in its broadest sense), agronomy, and environmental science in research to optimise agricultural systems (having regard also to their broader social and economic contexts)



SARIC • SUSTAINABLE AGRICULTURE RESEARCH & INNOVATION CLUB

- SARIC is a partnership between industry, NERC and BBSRC launched in June 2014.
- The Club will invest £10M over 5 years to support innovative projects that will provide solutions to key challenges affecting the efficiency, productivity and sustainability of the UK crop and livestock sectors, with a focus on water and nutrient related issues.

SARIC industry members identified two key challenges to be addressed through two managed funding calls:

- 1) Resilient and robust crop and livestock production systems
- 2) Predictive capabilities for sustainable agriculture



Aim: to meet the challenge of providing the world's growing population with a sustainable, secure supply of safe, nutritious, and affordable high-quality food using less land, with lower inputs, and in the context of global climate change, other environmental changes and declining resources.

To integrate, coordinate and disseminate research that will be influential in informing policy and practice and will support food security goals

To raise the profile of the food security challenge, providing leadership and coordinating our efforts

To be dynamic in identifying and responding to current and future challenges, leveraging existing funding, and co-designing new multidisciplinary research programmes

To encourage innovation

To help to translate existing knowledge in to practice

To provide a focus for UK contributions to wider international efforts