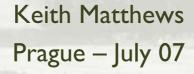
# LADSS Briefing for AGRIGRID

















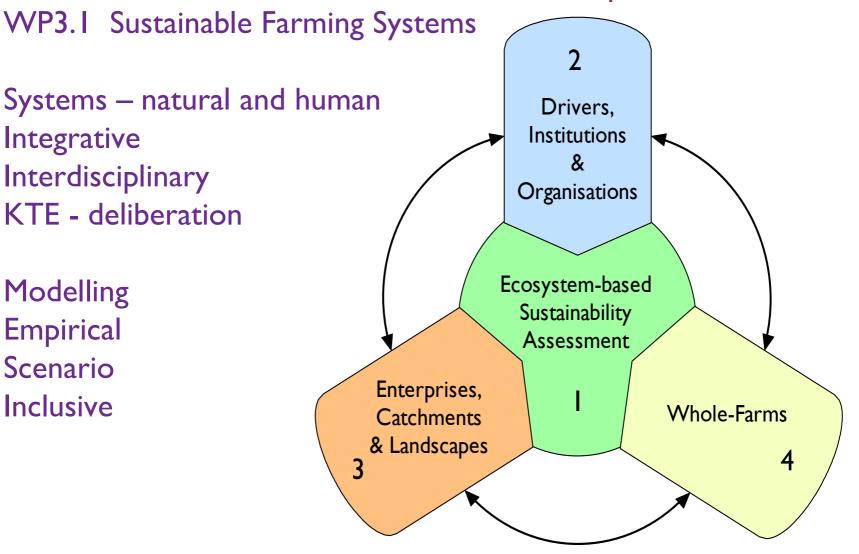
Environment – Land Use and Rural Stewardship

Systems – natural and human

Integrative Interdisciplinary

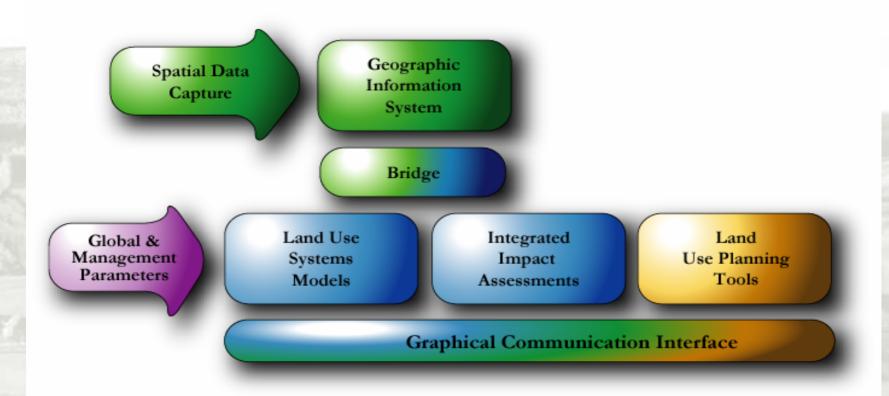
KTE - deliberation

Modelling **Empirical** Scenario **Inclusive** 



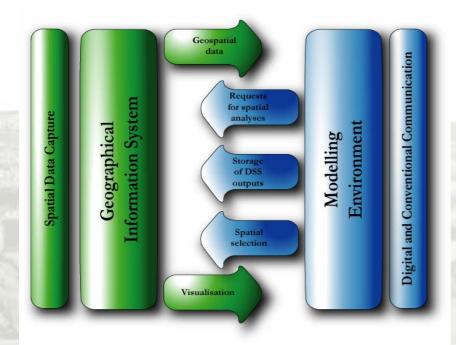


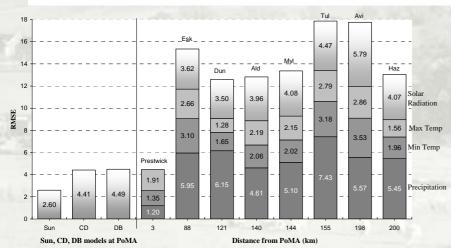
#### LADSS components

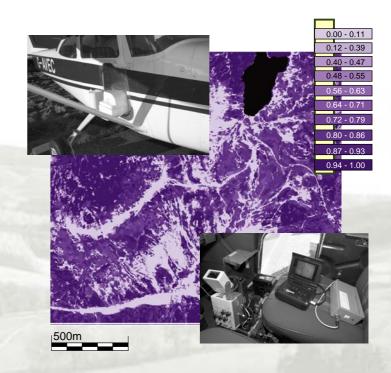


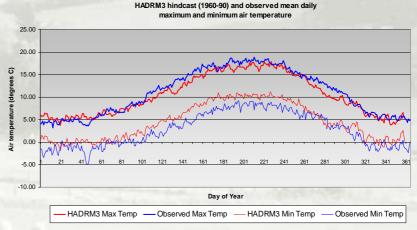
Decision makers, consultants, or policy analysts

### Spatial analysis

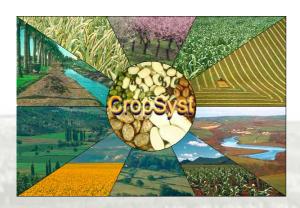


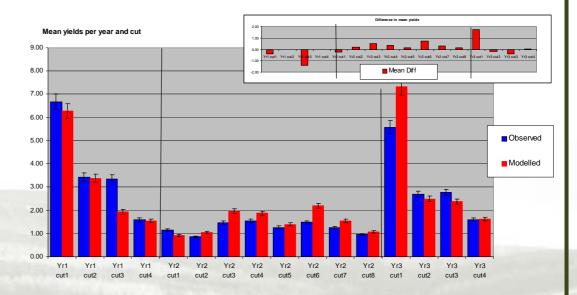


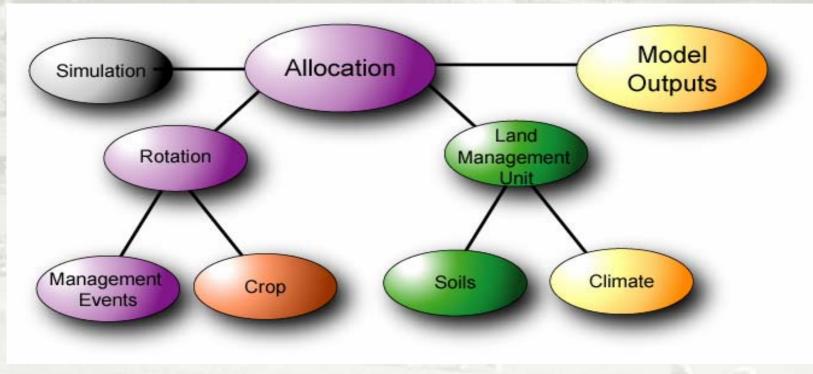




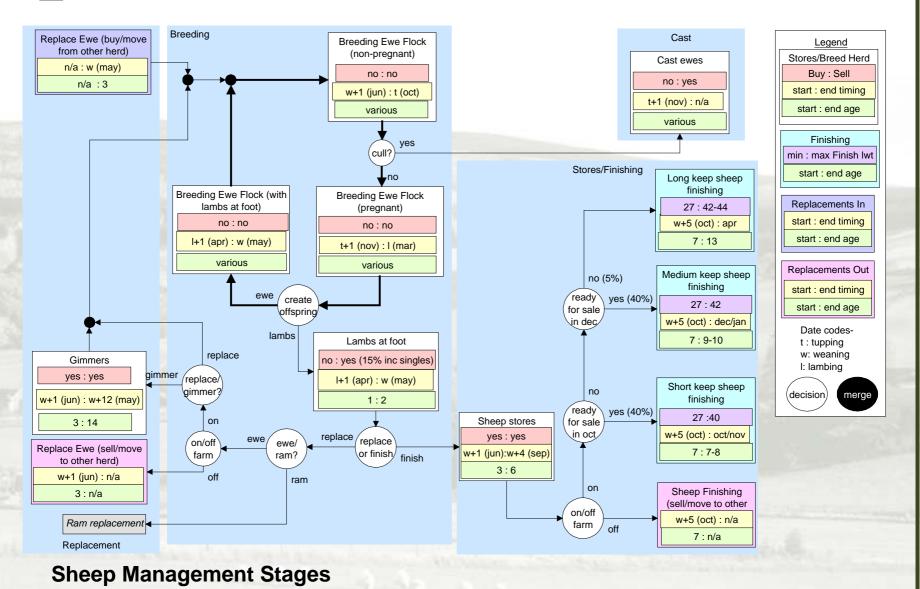
# Cropping Systems



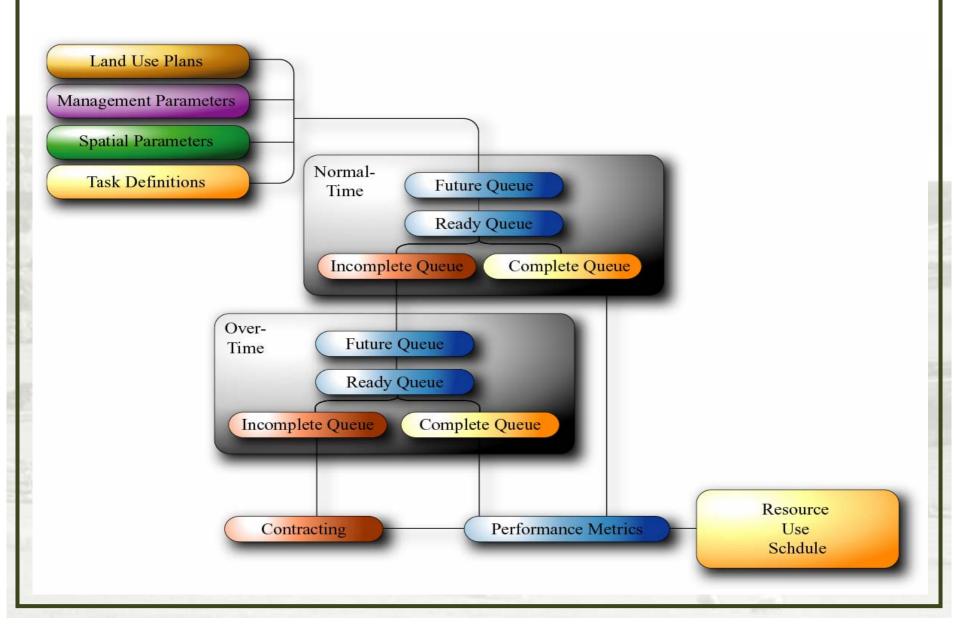




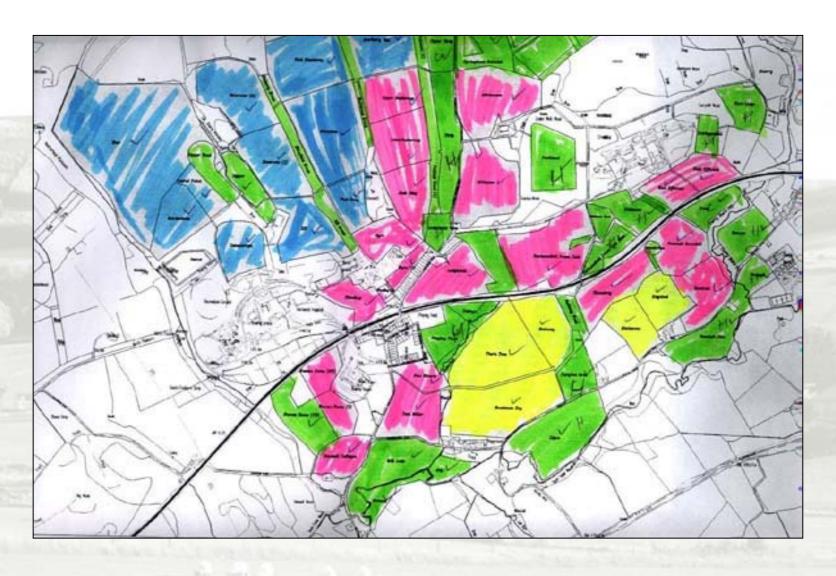
## Livestock Systems

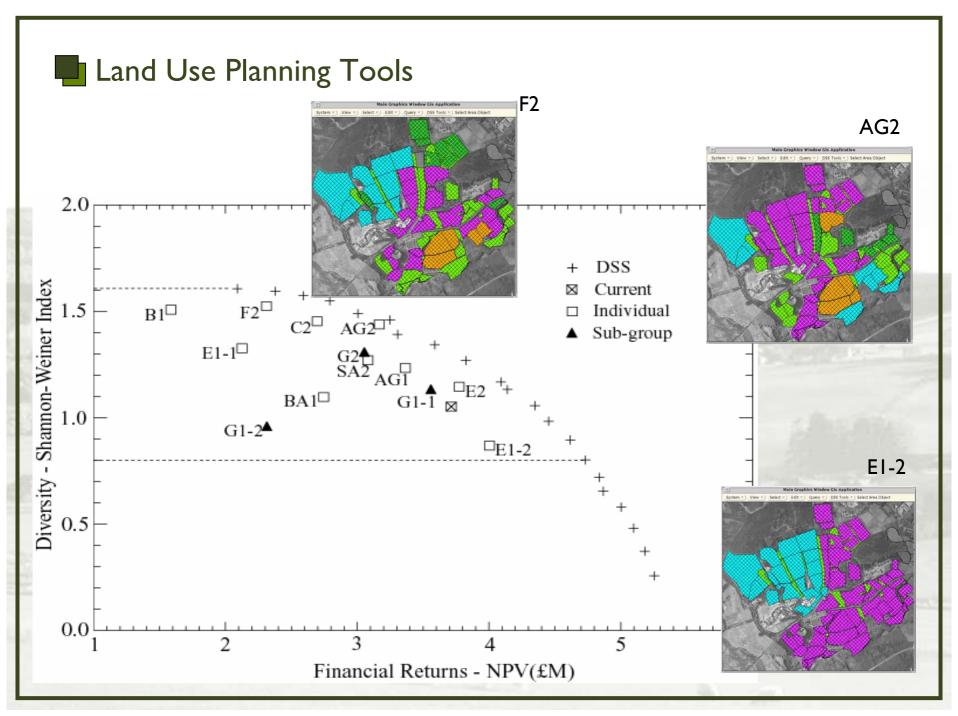


#### Resources Scheduling Tool



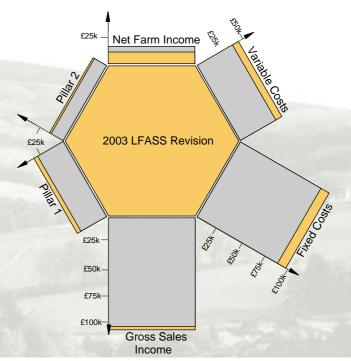
# Soft-systems evaluation – delegate maps





# Case-study analysis of 2002 LFASS reforms with G. Schwarz and A. Gelan





#### The Outcomes

Small and decreasing margins for livestock systems

Gains from extensification payments - 2002 wiped out by increasing fixed and variable costs 2003 LFASS scheme results in minor gains (c. £3000)

Ratio of Pillar-1 to Pillar-2 declines from 2.26:1 to 2.15:1.

# Montepulchiano – collaboration with ARC – ex-ISCI, Bologna

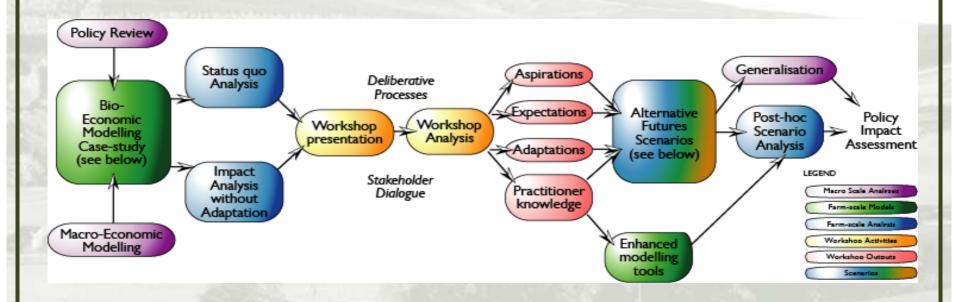


Using farm-level tools as part of deliberative processes
☐ The LADSS team at Macaulay has spent much of the last few years looking at the way in which software tools can be used with stakeholders.
These approaches can be generically referred to as <i>deliberative inclusive</i> processes and have proved to be successful in eliciting adaptive responses from land managers using the outputs from LADSS as a basis for debate (CAP reform, multi-objective planning and climate change).
☐ The tools are in this case being used in counterfactual mode (what-if) — assessing the consequences of drivers of change, without adaptation before the workshop and after the workshop incorporating the adaptive responses identified as most likely by the practitioners.



#### **Deliberation**

"... process involving reasoned debate between individuals whereby understanding is advanced and mutual agreement is reached (or not) via the quality and persuasiveness of argument rather than by coercion, manipulation or deception". Dryzek, 2000



Assessing the adaptation of upland livestock systems to CAP reform - G. Schwarz