# knowledgescotland

## Future CAP: Options and Consequences

#### Keith Matthews, Dave Miller

**James Hutton Institute** 

4 March 2013



Strategic

Programme



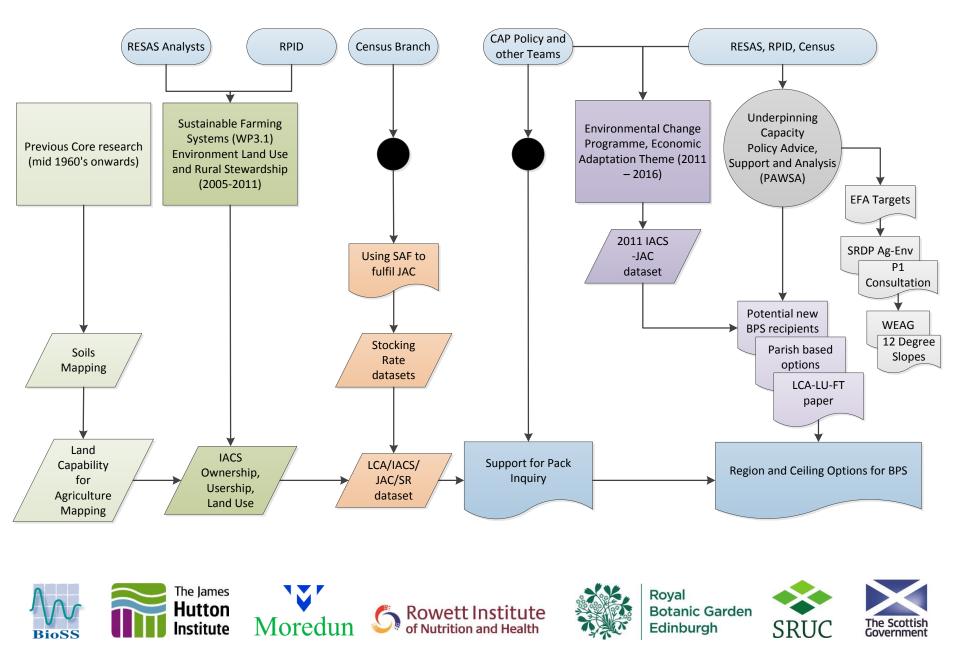








#### **Outline - the Scottish Model in Practice**



### Pack Inquiry – Research Remit

- Spatial modelling at business level of income effects from a move from historic payments to area-based SFP
- Identify included and excluded area for existing claimants
- Identify potential new entrants dilution effects
- Test a minimum stocking rate (activity) criteria
- Test alternative bases (regions) for distribution of payments – land quality or handicap
- Test alternative scenarios for payment rates per region
- Provide evidence base to underpin the Pack Inquiry support SG negotiations and stakeholder processes





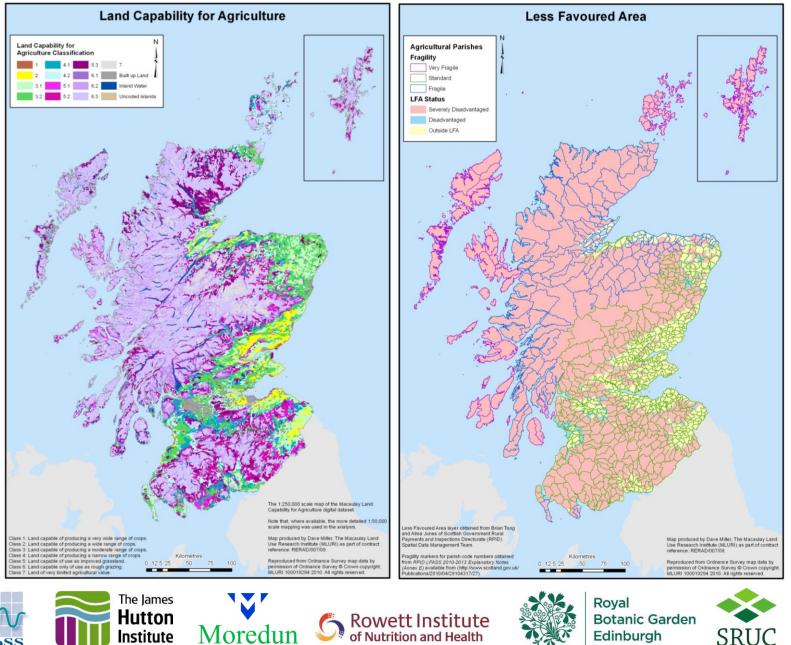




#### **Land Quality - Options**

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BioSS

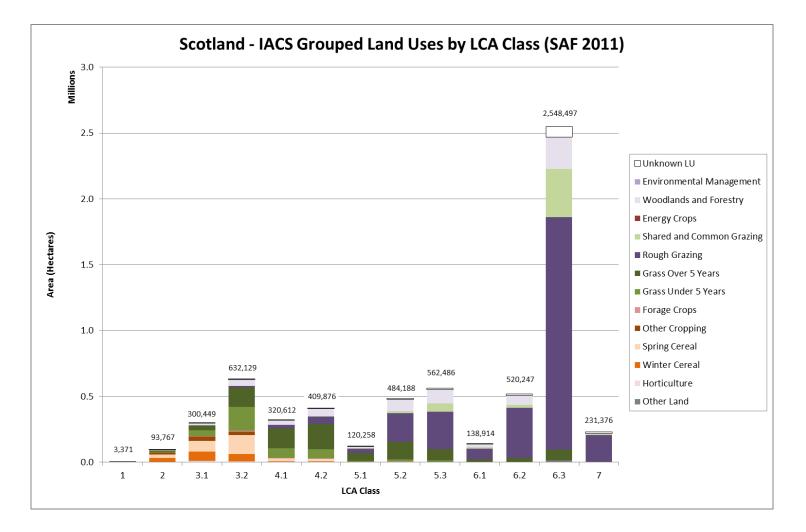




SRUC

Edinburgh

#### LCA vs. Land Use







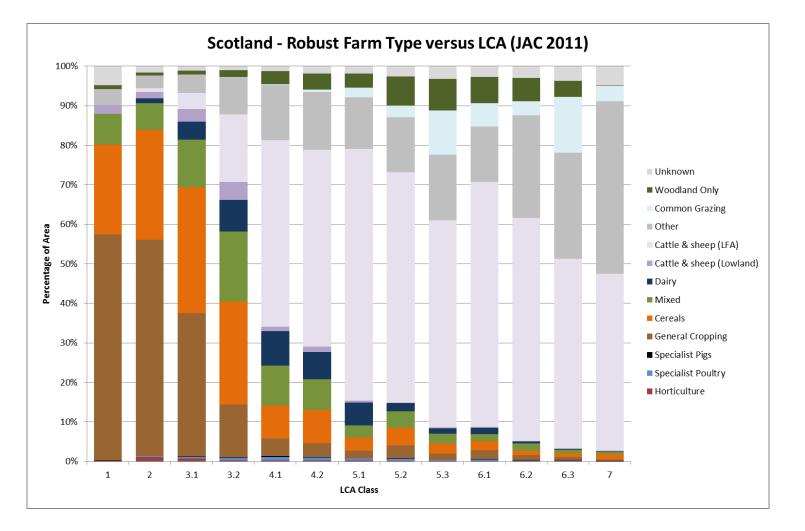








#### Farm Type vs. LCA







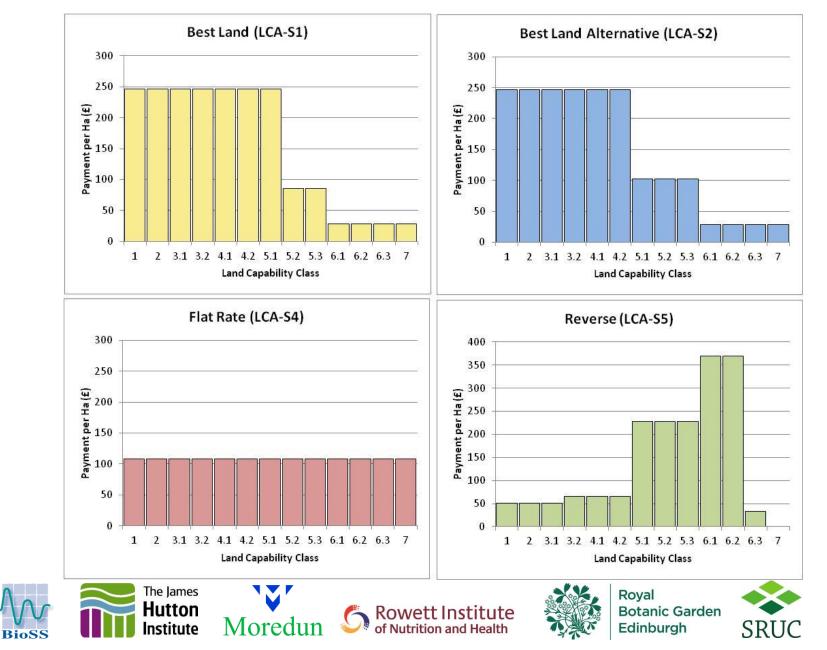




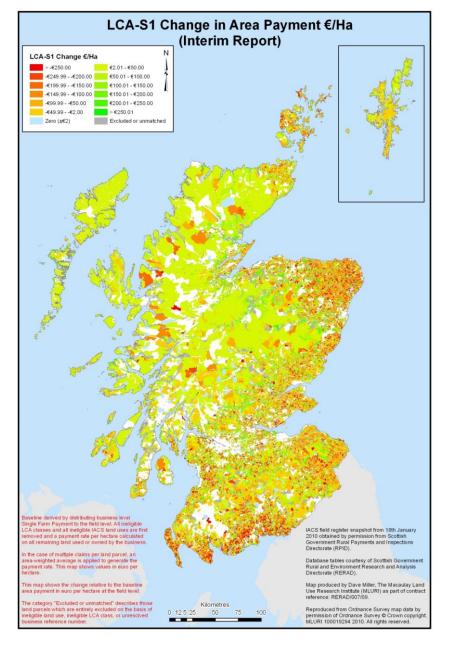


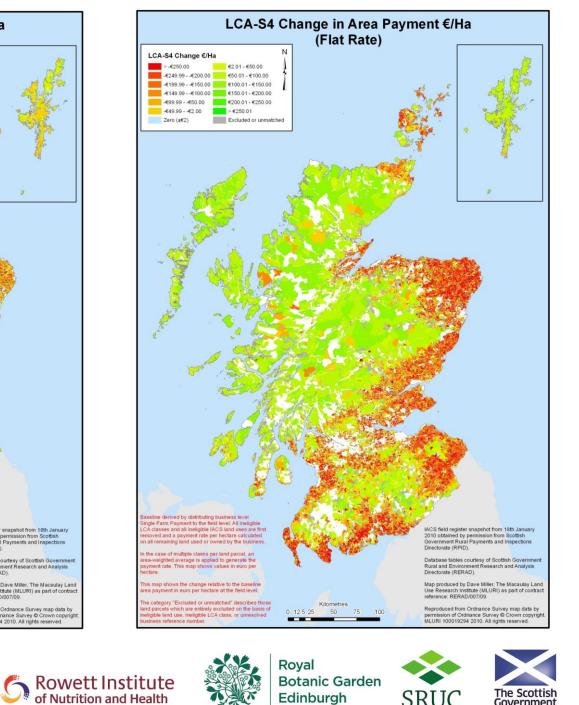


#### **Payment Regimes**









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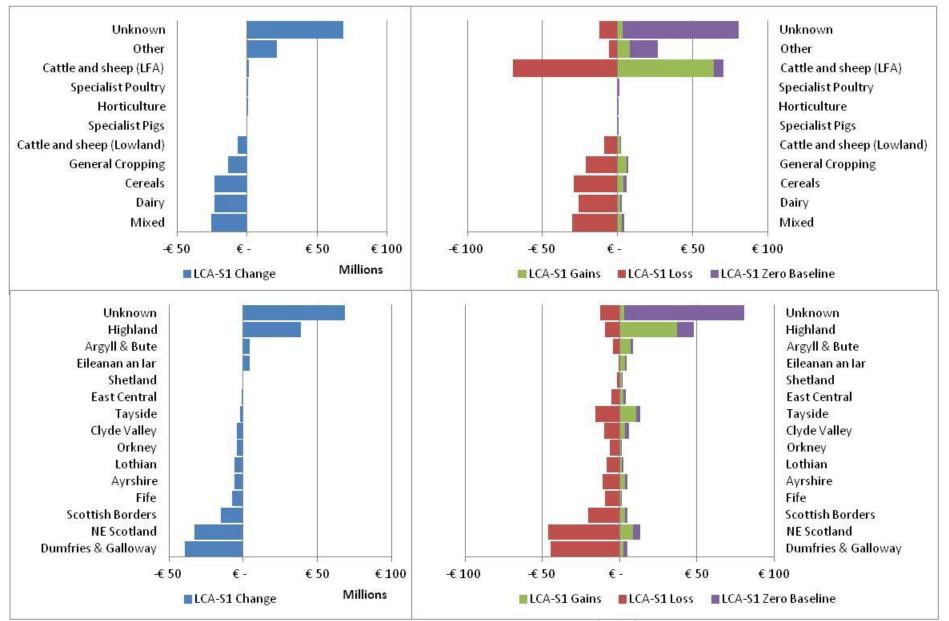
The Scottish Government





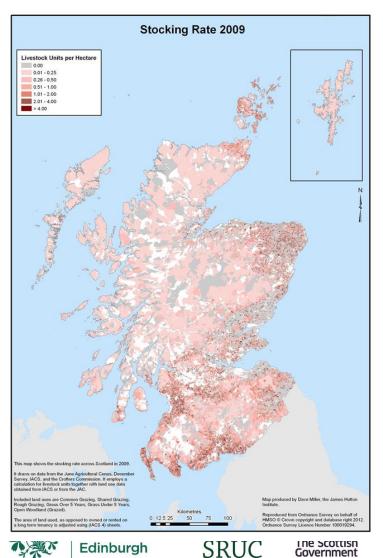


#### **LCA-S1 Outcomes**



#### **Potential New BPS Recipients**

#	Eligible Area Scenario	Area (ha)
-	2009 entitlements	4,354,660
Α	No stocking rate threshold applied	5,777,399
В	Minimum stocking rate of 0.01 LSU/ha	4,217,057
С	Minimum stocking rate of 0.06 LSU/ha	3,735,601
D	Minimum stocking rate of 0.12 LSU/ha	3,368,566
-	"Zero" SR Temporary Grassland	49,834
-	"Zero" SR Permanent Grassland	93,013

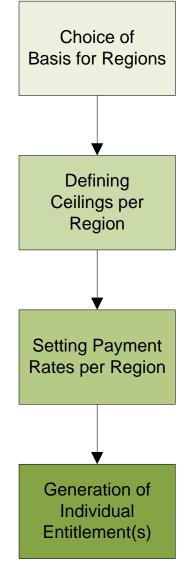




### **On-going Regionalisation**

- Support for negotiations and horizon scanning implementation issues
- Two stages where decisions matter
- Regions the spatial structure for the organisation of payments (e.g. LCA< LFA, Land Type or classified Parishes)
- Ceilings the amount of money available in each region (e.g. historic, economic or land based).
- Payment rates Ceiling/Region
- Entitlements





Royal

**Botanic Garden** 

Edinburgh





### **Options Space\***

REGIONS	No. of Regions	Regional Boundaries	CEILINGS	
LCA Farm Level 1a	2	• 1-5.3, 6.1-7	Historic	
LCA Farm Level 1b	3	• 1-3.1, 3.2-5.3, 6.1-7	Economic (share standard outpu	
LCA Farm Level 1c	4	• 1-3.2, 4.1-4.2, 5.1-5.3, 6.1-7	Land bases (sha of agricultural ar	
LFA	3	• Non-LFA, LFA, LFA-HIE		
Land Type Farm Level	3	• Arable (incl. Temporary Grass), Permanent Grass, Rough Grazing	*A scenari	
			combines	
LCA Parish Level 1a	3	• 1-3.1, 3.2-5.3, 6.1-7	and a ceili the rates.	
LCA Parish Level 1b	10	<ul> <li>1-3.1, 3.2 - 4.2, 5.1 - 5.3, 6.1 - 7, dominant &gt;75%, &gt;50% and no dominant variations &lt;4.2 and &gt; 5.1</li> </ul>		
Historical SFPS- Parish	9	<ul> <li>€1-&lt;20; €20-49; €50-99; €100-149;</li> <li>€150-199; €200-249; €250-299; €300-349; €350+</li> </ul>		
Land Type Parish	3	• Arable (incl. Temporary Grass), Permanent Grass, Rough Grazing		



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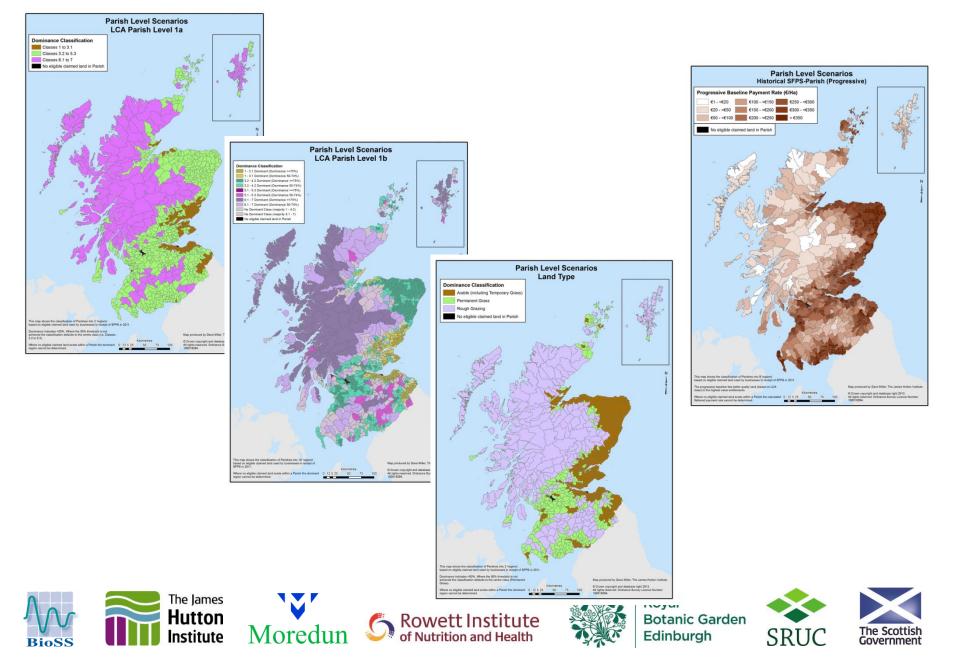




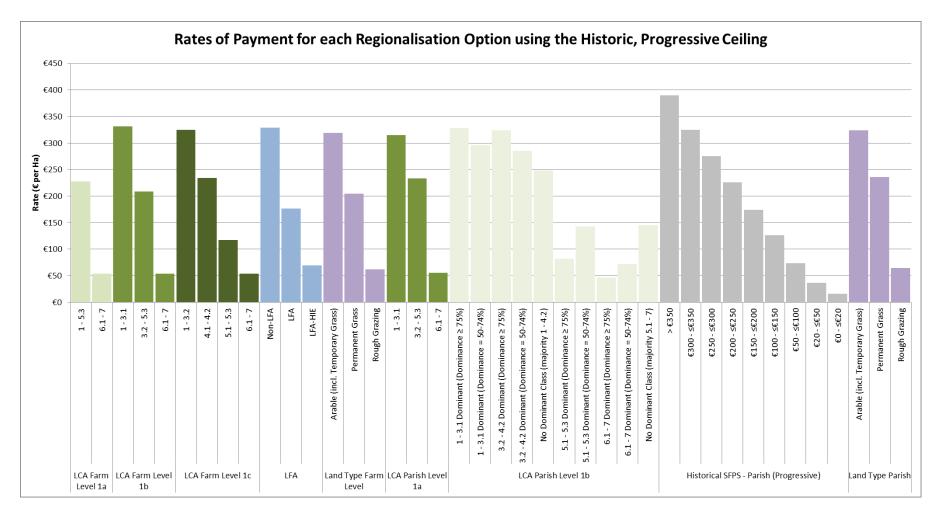




#### **Parish Classification Systems**



#### **Historic, Progressive Regions & Rates**







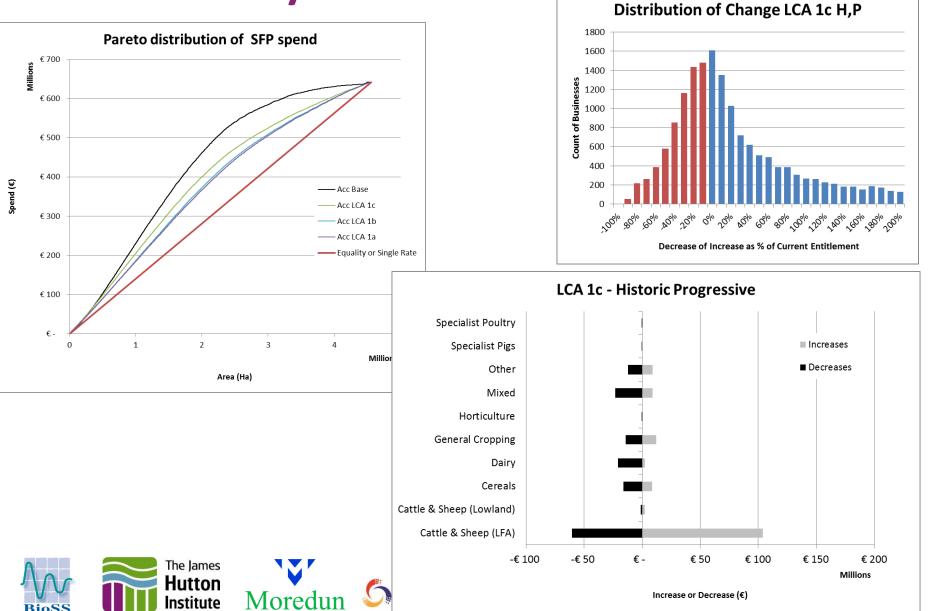








#### **Preliminary Results**



### **Area-based Principles and Challenges**

- New recipients likely to mean reductions in payment
- Area-based approaches "flatten"
- Flattening means redistribution generally more intensive to less
- Within Farm Types and within Regions important beware net effects
- Basis of payments matters land quality, land type, LFA status
- Limits on the acceptable bases for payments, some flexibility for regions and ceilings but strongly redistributive
- Geography of regions matters need to avoid extremes in a single region
- Trade-off consistency vs. complexity
- Defining success









### **Feedback into the SRP**

- Key question of adaptation to changes in payment distribution
- Survey of Intentions past change and its drivers, current plans, possible responses to increase or decrease in payment (or new recipients) – with SRUC & Exeter Uni
- Analysis within three Themes within the Programme Economic Adaptation, Land Use and Food, Health and Welfare
- Feed into detailed considerations of business and regulatory (BRIA), equality (EQIA) and strategic environmental assessment (SEIA)









#### **Reports & Contacts**

Dave Miller, Keith Matthews

Working Draft v1.2

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#### Future CAP Payments

areas) for each Agricultural Parish

#### Future CAP Payments

Determining the land use and farm-type mixes of land capability for agriculture class groupings in the regions of Scotland and the characteristics of holdings containing both land capability for agriculture classes 1 to 5.3 and 6.1 to 7 land.

Grouped IACS Land Uses 2011

Dave Miller, Keith Matthews, Kevin Buchan

#### The James Hutton Institute 7 November 2012

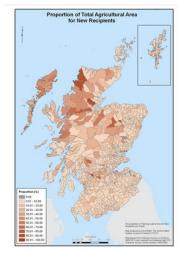
#### Future CAP Payments

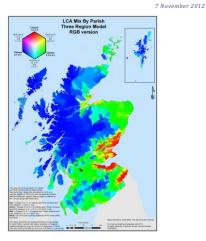
Estimating the Area Potentially Eligible for Single Farm Payment

Kevin Buchan, Keith Matthews, Dave Miller

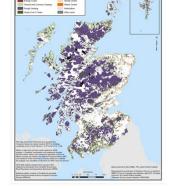


Final Report - 7 August 2012





LCA Mix per Parish - An analysis of Land Capability for Agriculture (LCA



#### Contacts

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Web: http://www.macaulay.ac.uk/LADSS/research\_policy.html



Funded by Scottish Government Strategic Research Programmes Environment: Land Use and Rural Stewardship (2005-11) and Environmental Change -Economic Adaptation (2011-16)











