

# UK Land cover and beyond: integrating data needs and collection.



Or how I persuaded my boss I should go to Berlin for a few days

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# To cover



- What has Geoland done for me?
- What do I want it to do for me?
- How might it work for me in the future?

# How did I convince my boss that I should go to Berlin?



- It's about getting better data and data products
- Efficiency of working with similarly placed MS and their agencies
- It's also about good data standards and models
- It might save us some money.

# JNCC Mission and Strategy



- Provision of information

*Ensure that Government and other organisations are provided with scientifically robust and policy relevant information about biological and geological diversity that they need to make decisions that will protect and enhance the environment in the UK and internationally.*

- UK co-ordination

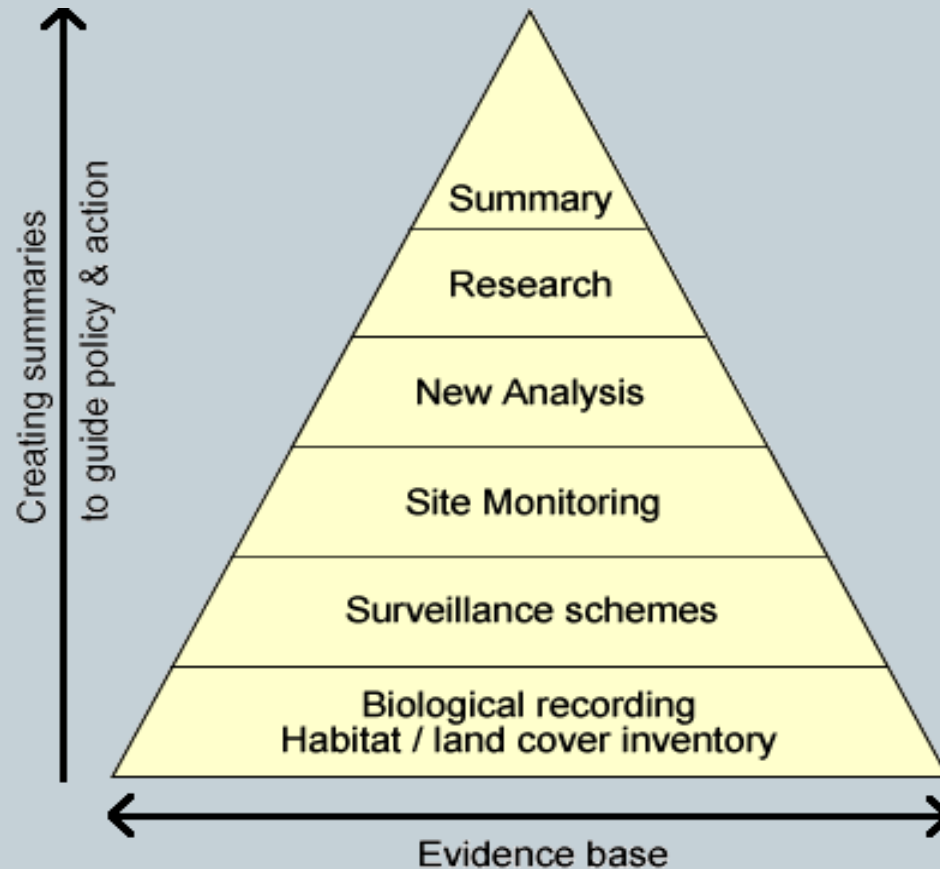
*Provide strategic co-ordination, evaluation and, where necessary leadership of UK-wide strategies, policies, practices and standards that affect nature conservation to enhance the protection and enrichment of the UK's wildlife and natural features, with a particular focus on the terrestrial and inshore marine environment.*

# The purposes of surveillance



- determine the current extent and character of biodiversity and geodiversity, and to identify any trends;
- assist in the identification of priorities for future regulatory, management or conservation action which need to be addressed if the strategic goals are to be met;
- assist the United Kingdom to fulfil its national and international reporting obligations.

# JNCC's uses of surveillance

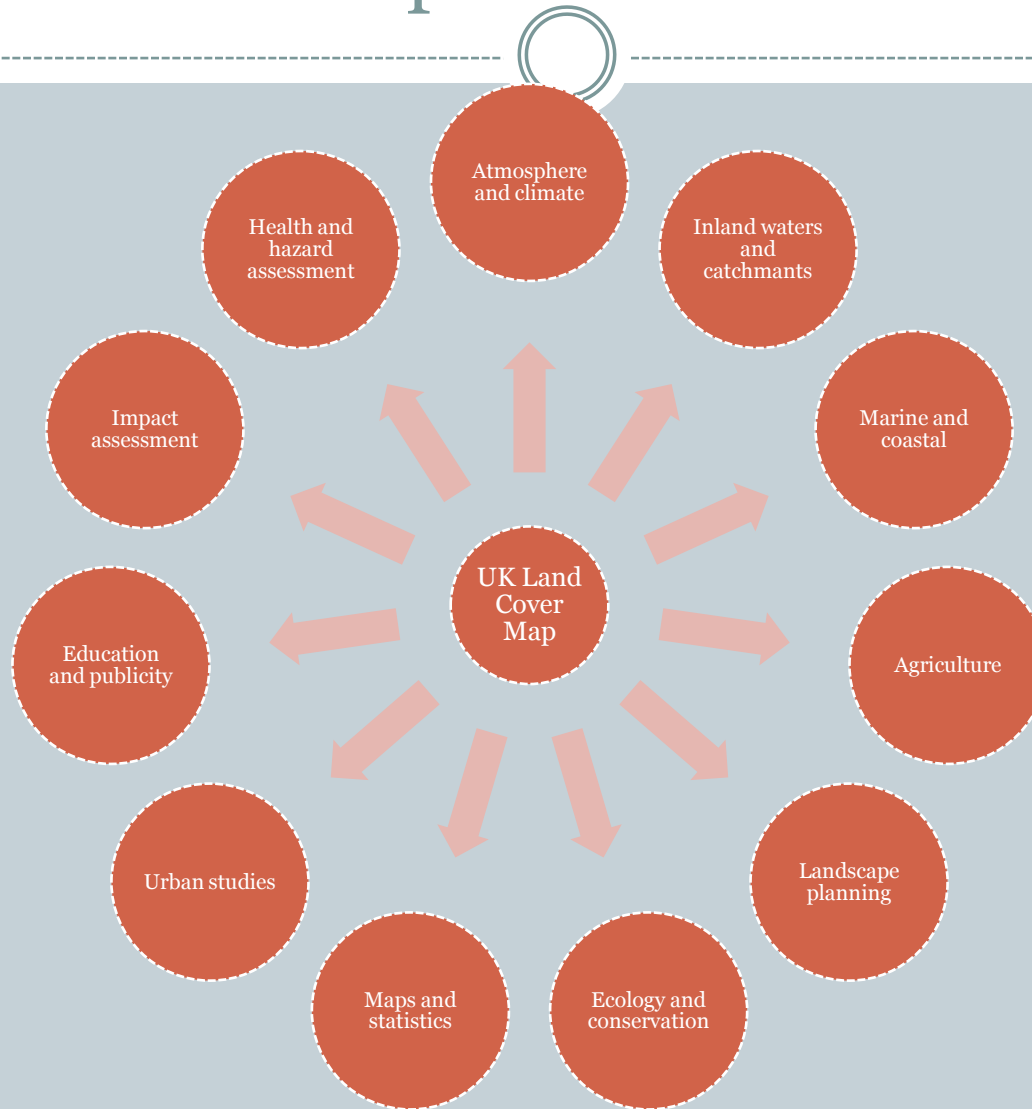


So what is the UK's use of Geoland Core Service products



UK Land  
Cover  
Map

# So what is the UK's use of Geoland Core Service products



# UK experience so far

## Good

- Data provided was good quality
- Provided at the right time
- Good orthorectification

## Less good

- Resolution
- Acquisition windows



# What we want from GMES



- GMES isn't and shouldn't be just remote sensing!
- Need wider MS user involvement in in-situ and service aspects.
- Stress efficiencies – comparative costs assessments are vital
- Users are different and at a range of different scales, get greater engagement at all levels.
- Products and services too focussed on needs of individual policy customers
- Consider how work is delivered at MS level – integrated delivery
- User engagement must improve – difficult?
- Need clarity on IMAGE 2009 licencing arrangements as soon as possible

# Remember this:



- My boss let me come here – we (UK) do believe GMES and Geoland can and should be working for us
- The concept must be right – more efficient, better access and new data.
- For EO, exploit the key strengths vs other surveillance – multi scale, multi temporal , repeatable and hence added value
- It's not just EO – it's data standards, models, exploiting and developing best practice at MS/regional levels.
- But UK users do see data as the major product from Geoland, rather than particular applications.
- It's not just imaging - supporting information products e.g. phenology are needed
- Give greater consideration to how subsidiarity can help deliver European products; and the data resolution needed to help MS play this role.
- Also UK are currently doing full review of environmental monitoring activity to look for synergies and efficiencies

# What can a walk in a woodland in spring tell me about Geoland?



# Thank You



MY THANKS TO KEITH PORTER ( NATURAL  
ENGLAND), GEOFF SMITH  
(SPECTONATURA/CEH), DAN MORTON (CEH),  
DOUG KNOX (FORESTRY COMMISSION),  
ANDREW RICHMAN (ENVIRONMENT AGENCY),  
ALISTAIR LAMB (INFOTERRA) WHO PROVIDED  
INFORMATION AND USEFUL COMMENTS IN  
PREPARING THIS TALK

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