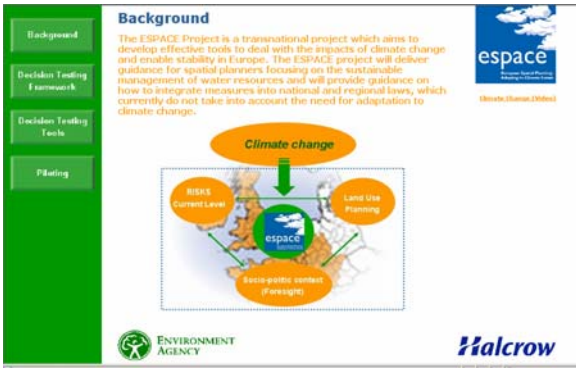


Tools

Title of tool: Interactive CD – supports comparison of Transnational Approaches							
Keywords: Decision; testing; climate; tools; stakeholder							
Audience: Researchers; local spatial planners; flood risk assessment experts; regional planners							
Level of expertise required to use the tool: Reference material can be accessed by non-experts							
Messages in the ESPACE strategy where the tool can be applied:	1.	2.x	3.x	4.x	5.	6.	7.
	8.	9.	10.	11.	12.	13.	14.
<p>Sentences linking the tool to relevant strategy messages:</p> <p>2 The interactive CD and transnational comparison report compare the use of differing tools in the partners' countries and compares how effective they are in terms of timescales.</p> <p>3 The interactive CD illustrates issues of risk management.</p> <p>4 The final report shows how tools can help embed climate change into decision making.</p>							
<p>Photo/diagram/map:</p>  <p>The screenshot shows a presentation slide titled 'Background'. It contains text about the ESPACE project's goals and a central diagram. The diagram shows 'Climate change' at the top, leading to 'RISKS (Current Level)' and 'Land Use Planning'. Below these is 'Eco-politic context (Foresight)'. Logos for 'espace', 'ENVIRONMENT AGENCY', and 'Halcrow' are visible.</p>				<p>Overview:</p> <p>An interactive CD summarising the transnational work on decision making tool development in ESPACE.</p>			
<p>Screen shot of the interactive CD.</p>							
<p>Description:</p> <p>ESPACE had as one of its key objectives the aim of developing tools to aid decision making given the effects of climate change. We had originally intended to develop one tool applicable in many countries. By working together we realised that the differences in data and planning regimes makes it difficult to develop one tool that fits all countries. We have therefore commissioned a report that compares the strengths and weaknesses of the three differing tools developed by LfU, the Environment Agency and WRSL.</p>							



The report highlights the need to take the development of models further and use a consistent approach to risk management. The decision making guidance provided by the Environment Agency and the UK Climate Impacts Programme, called 'Climate adaptation: risk, uncertainty and decision-making' (available from www.ukcip.org.uk) provides a good basis upon which to base risk assessment and the approaches used in the three countries have to some extent built on this.

As part of the extension to the ESPACE project we will be developing further the decision pipelines concept that has emerged later on in the project. This has provided the concept of routes for planners to take through the planning period to cope with critical thresholds where one particular response may have to change to another, driven by climate changes such as sea level rise or water availability.

Author: Tim Reeder Environment Agency

Further information:

ESPACE Decision Making Framework and Tools
Phase 3 International Comparison
Final Report February 2006

Interactive CD