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“Integrated,
Sustainable, Natural –
A Scottish
Perspective on the
Floods Directive”

UNESCO
Centre for
Water Law
Policy
and Science



Our Mission

- Category II UNESCO IHP-HELP Centre, University of Dundee
- Water Law, Policy, and Science – all aspects of water law; interdisciplinary interface
- Regional Coordinator for European HELP Basins; proposed Scottish basin
- Synergies – INBO, IWRM Net

Scotland's Water Resources

- 12,000 km coastline, 100,000 km rivers, 150 lochs (lakes) >1km²
- Annual rainfall 1431 mm / annum (2004); (<800mm - >3000mm)
- Surface water resources: 16,000m³ / person / annum;
- Precipitation and temperature rising; effects of climate change;
- River, coastal, sewer and surface water flooding – social and economic costs (Werritty et al 2007)

Scotland and Water Law Reform

- Scottish Parliament – devolved 1999 – very proactive on water – inquiries, legislation
- WFD implementation –
 - Water Environment and Water Services (Scotland) Act 2003 – beyond the WFD (eg wetlands)
 - Controlled Activities Regulations 2005 – all water uses
- Competent authority – environment agency (SEPA) – with other “responsible authorities”
- Floods Directive – Bill now published

Current flood management - law and policy

Outdated and overlapping legislation

Responsibilities unclear

Funding and approval of works

Timescales

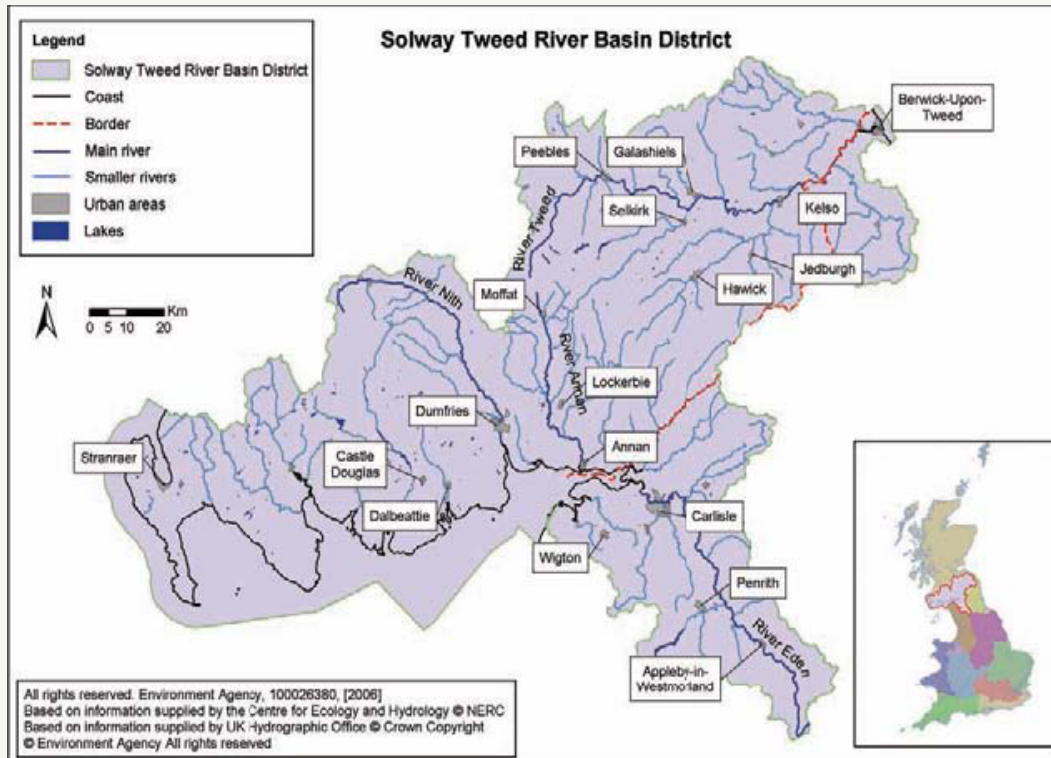
Insurance

As well as implementation of Floods Directive

Draft Flooding Bill

- Institutional arrangements – SEPA as competent authority; WFD structures?
- Again goes beyond Directive
- Repeal existing laws, streamline processes, recognise some concerns of Parliament and stakeholders
- Natural flood management? Land use / powers of compulsion / compensation; perception of validity of science affects perception of policy-and-law

Solway Tweed RBD, Tweed basin



- Rural basin
- Cross-border
- Prospective HELP basin
- Multiple stakeholders, public and private
- Tweed Forum;
<http://www.tweedforum.com/>
- Pilot NFM project..

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THANK YOU !

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