

Impact of the Flood Water Management Act 2010

APSE National roads, street lighting and winter maintenance seminar 2014



An area facing
challenges



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Did we need the FWMA, after all flooding is nothing new ?



Climate change issues

- 2014 wettest winter on record
- 5 of the 10 wettest winters have occurred since 2000
- Over 400 weather related issues between Christmas 2013 and the end of February 2014

Bath & North East Somerset Council



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Background to the legislation

Pitt Review 2007 - 92 Recommendations

**LA' to take "Lead Local Flood Authority
Role"**

Raise awareness of Local Flood Risk


Collate & Map Flood Risk

Enhance Flood Risk Technical Capability

The Act

Defines Flood Risk Management

Partnership is Key



Flood and Water Management Act
2010

CHAPTER 29

CONTENTS

PART 1

FLOOD AND COASTAL EROSION RISK MANAGEMENT

1. Key concepts and definitions

1 "Flood" and "coastal erosion"
2 "Risk"
3 "Risk management"
4 "Flood risk management function"
5 "Coastal erosion risk management function"
6 Other definitions

2. Strategies, co-operation and funding

7 National flood and coastal erosion risk management strategy: England
8 National flood and coastal erosion risk management strategy: Wales
9 Local flood risk management strategies: England
10 Local flood risk management strategies: Wales
11 Effect of national and local strategies: England
12 Effect of national and local strategies: Wales
13 Co-operation and arrangements
14 Power to request information
15 Civil sanctions
16 Funding
17 Levies

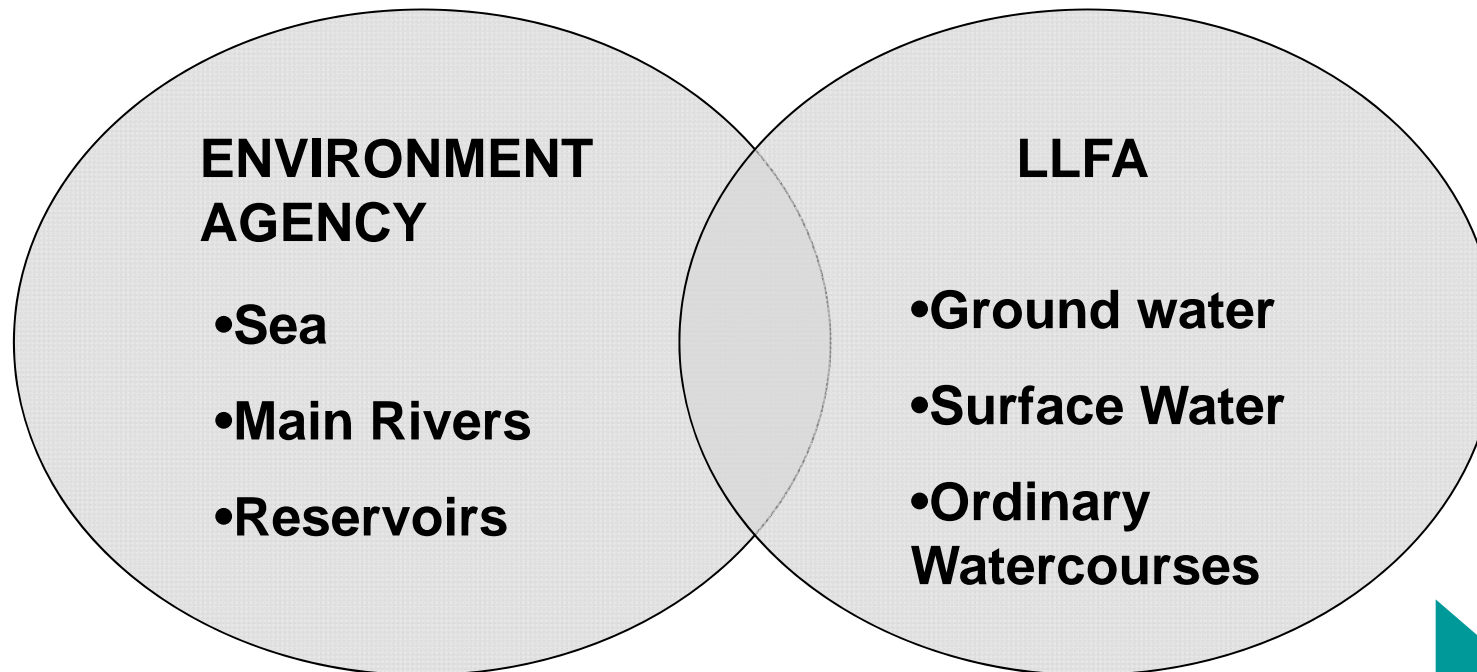
3. Supplemental powers and duties

18 Environment Agency: reports

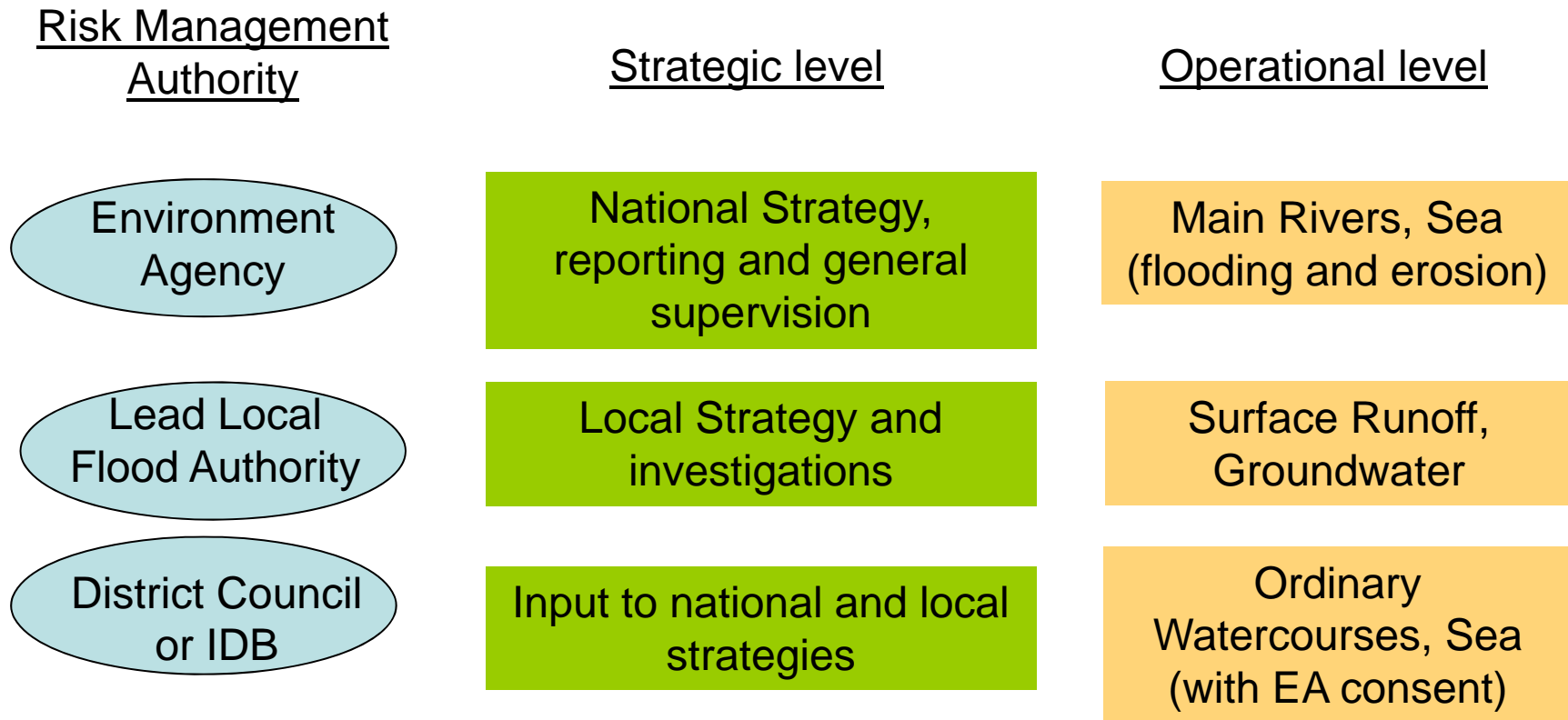
LEGISLATION

Flood and Water Management Act 2010 (FWMA)

The Act aims to improve the way we manage flood risk and creates the new role of the Lead Local Flood Authority (LLFA)



Roles and responsibilities



New Roles and Responsibilities

- Setting Local Flood Risk Management Strategy
- Mapping & Planning
- Duty to Maintain Register of Assets/ Features
- Investigation of all significant Flooding Incidents
- Local Surface Water Management Plans
- Consent Powers over Ordinary Watercourses
- Greater Powers to Undertake Works
- Sustainable Drainage Systems
- Flood Management Board

New duties – new skills!



- ✓ Community engagement.
- ✓ Dealing with the media.
- ✓ Working with distressed individuals and vulnerable people.
- ✓ New technical skills
- ✓ working across public and private sectors

Real example – Chew Stoke





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Sustainable drainage systems

*A different approach to the way
we drain our roads and land*

The changing face of developments



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LLFA Duties - The Act establishes SUDS Approval Body (SAB)

- Approval must be given BEFORE developer can commence construction of developments or redevelopments
- Check proposal meets national and local standards for SUDS.
- Determine the drainage application.
- **The SAB will be responsible for adoption and maintenance of SUDS that serve more than one property.**
- **Highways Authority will be responsible for maintaining SUDS in Public Roads to National and Local Standards.**
- Water and Sewage Companies, the Environment Agency, Canal and Rivers Trust and the Highway Authority will be statutory consultee to SAB
- SAB will be statutory consultee to planning process

What's the impact?



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What's the impact?



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What's the impact ?



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Getting it right



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Below ground Suds

- Permeable paving blocks
- Filter drains
- Underground storage systems

Key challenges for Highways

- Can we afford the maintenance costs ?
- Do we have the knowledge and expertise to maintain Suds?
- Do the utility companies and builders have the skills to build and maintain Suds?
- Do we have the resources to oversee the approval and supervision of Suds installed in the highway?

In summary.....



1. **Are we adapting services to reflect climate change?**
2. **Are we developing both technical and ‘soft’ skills required?**
3. **Do we work in partnership?**
4. **Are we building teams to approve, supervise construction and maintain infrastructure?**