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## **Oxfordshire Preliminary Flood Risk Assessment**

Growth and Infrastructure Scrutiny Committee

25th May 2011

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# Flooding in Oxfordshire

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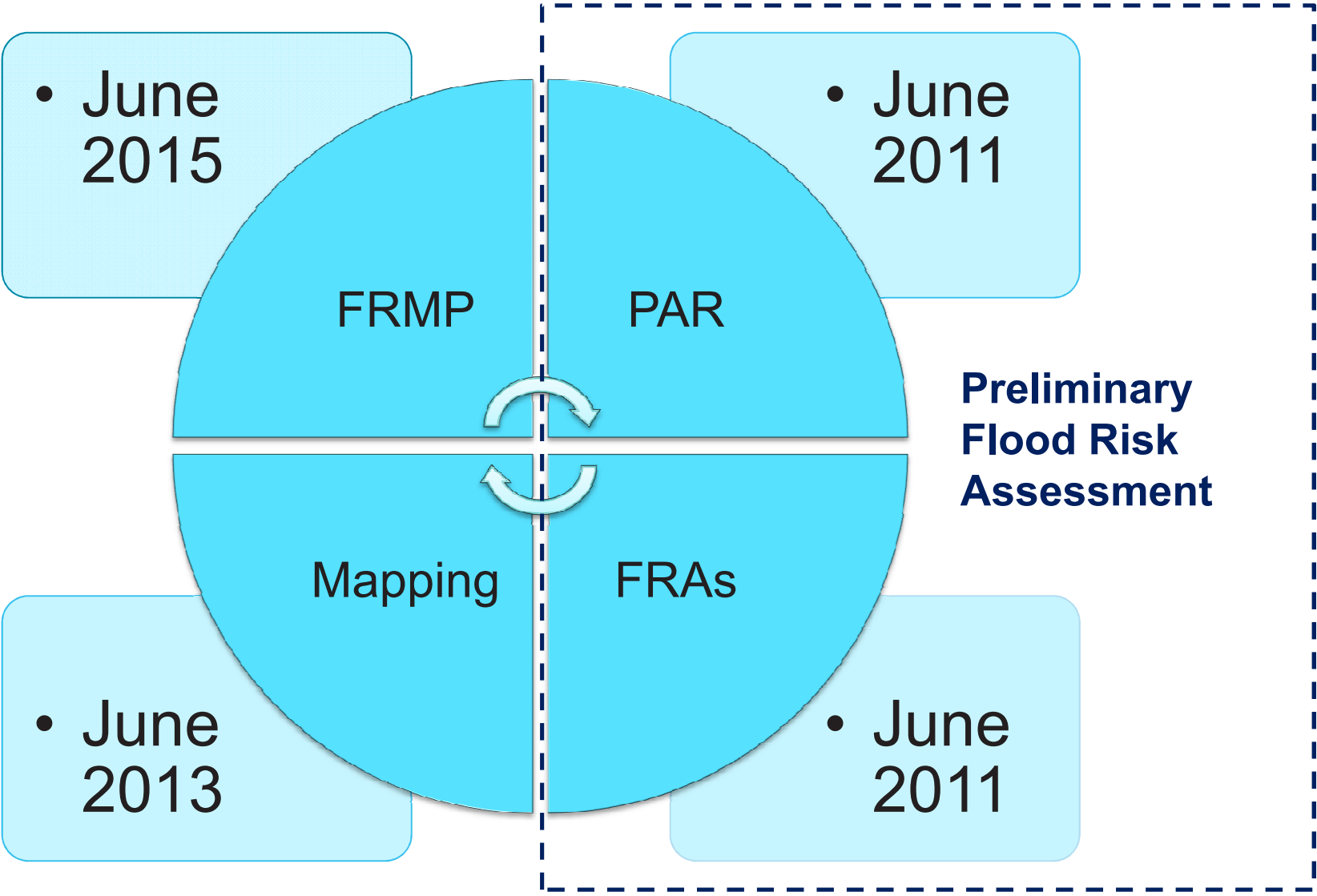
## National

- Summer 2007 largest peacetime emergency since WWII, 55000 properties flooded
- Pitt Review (2008)
- Flood Risk Regulations (2009)
- Flood and Water Management Act (2010)

## Local

- Estimated over 2100 properties July 2007
  - Scrutiny review Sept 2008
  - Oxfordshire is now a LLFA
  - Proactive stance on SUDS and working with Districts
  - Series of Flood Working Groups to take legislation forward
  - Capacity report and recommendations
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# Flood Risk Regulations (2009)



# Objectives of the PFRA

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- Past flooding
  - Future flooding
  - Flood Risk Area?
  - Informing the Local Flood Risk Management Strategy
  - Work with Risk Management Authorities
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# What the PFRA considers

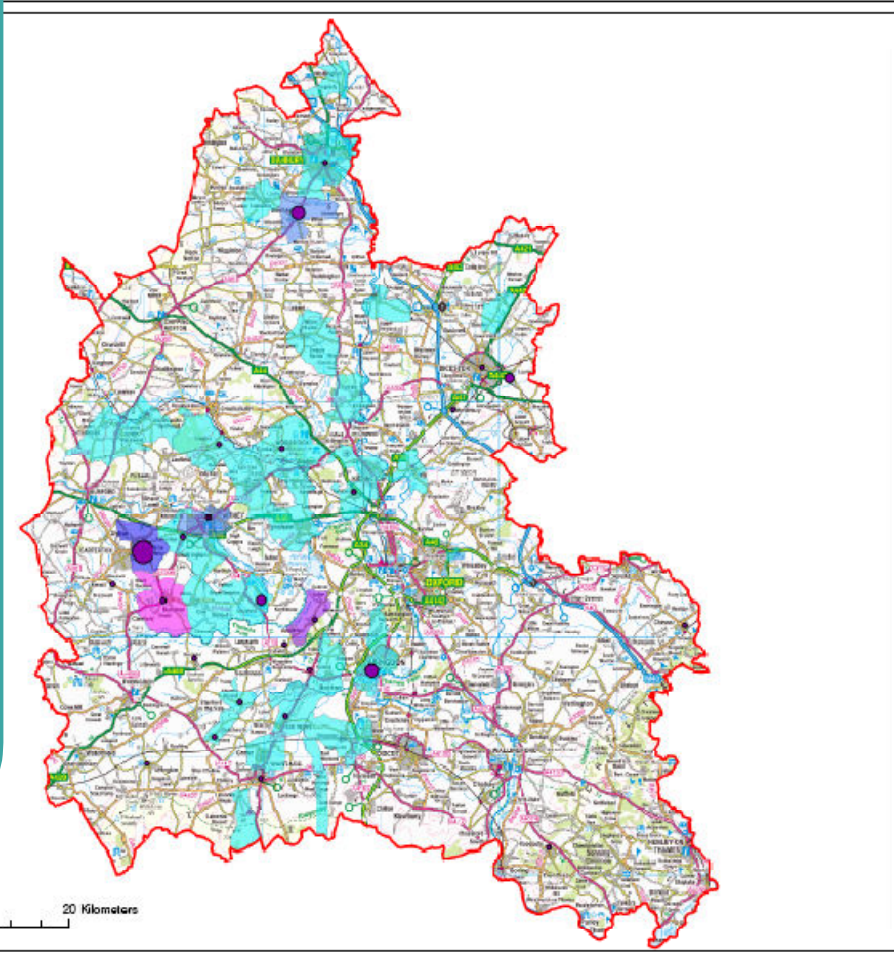


- **Surface water**
- **Ordinary watercourses**
- **Groundwater**
- **Does not consider main river directly**

# Past flooding



- July 2007 is 'significant'
- EA, District and Fire Service data
- Parish survey
- Need for consistency going forward – link to Duty to Investigate



**Legend**

July 2007 (Environment Agency)

- 1 - 5 Number of properties flooded internally by 'surface water' (by settlement). Note: Points are an indication of the approximate location of the settlements affected, NOT the location of individual properties flooded.
- 6 - 10
- 11 - 15
- 16 - 20
- 21 - 24

July 2007 (Fire and Rescue Service)

- 1-5 Number of properties flooded internally by 'drainage' and 'ordinary watercourse' (by parish)
- 6-10
- 11-20
- 21-50
- 51-125

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**OXFORDSHIRE COUNTY COUNCIL**  
PRELIMINARY FLOOD RISK ASSESSMENT  
Map 1: Past flooding- Surface water in July 2007

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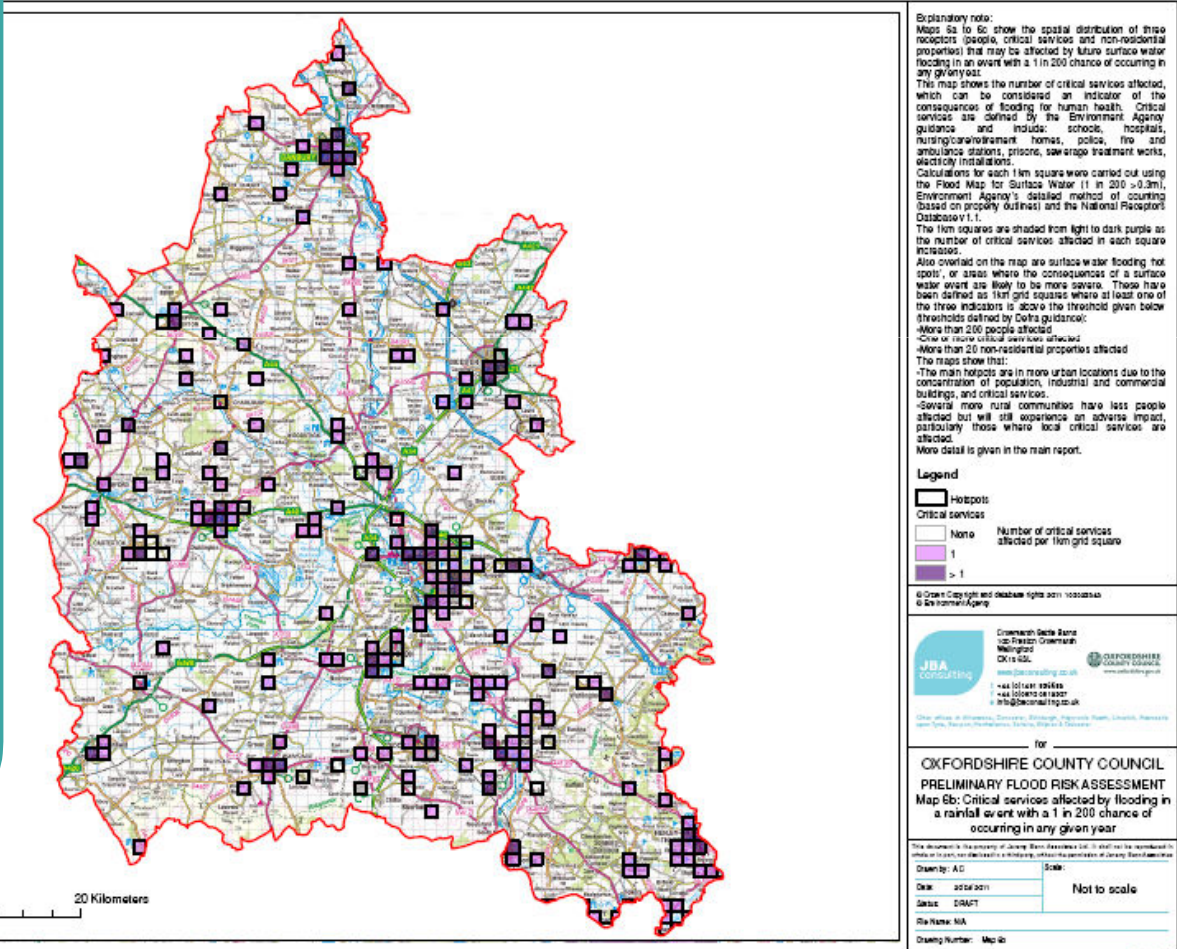
Drawn by: AS  
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Drawing Number: Map 1

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# Future flooding



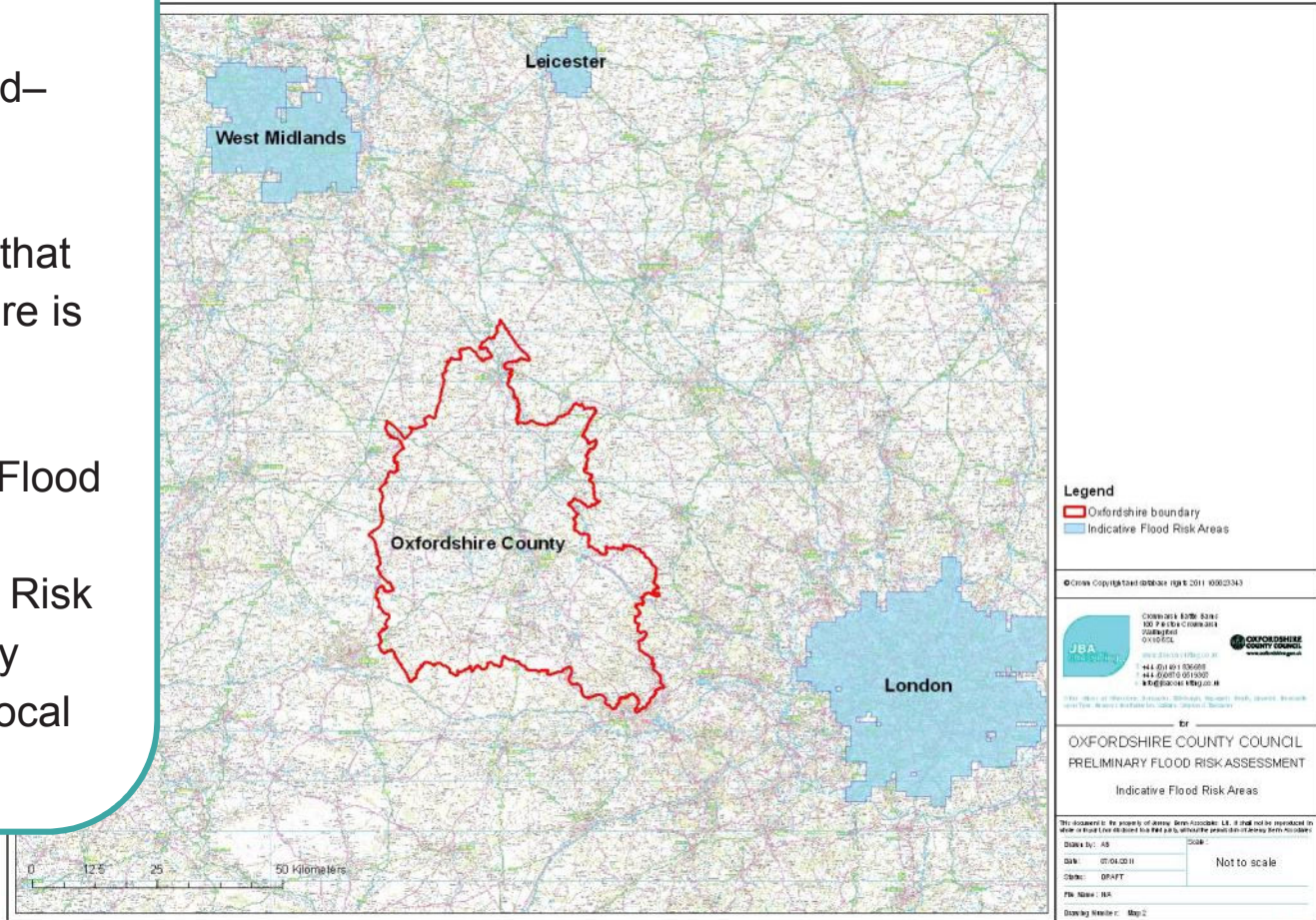
- A consistent picture of risk to people, properties and critical services
- 37900 people, 240 critical services, 6800 non-residential (1 in 200 annual chance rainfall)
- Feed forward into Local Flood Risk Management Strategy



# Significance



- Nowhere in Oxfordshire meets national significance threshold— 30,000 people
- This does not mean that flooding in Oxfordshire is insignificant
- FWM Act and Local Flood Risk Management Strategy – the Flood Risk Regs are not the only route for managing local flood risk

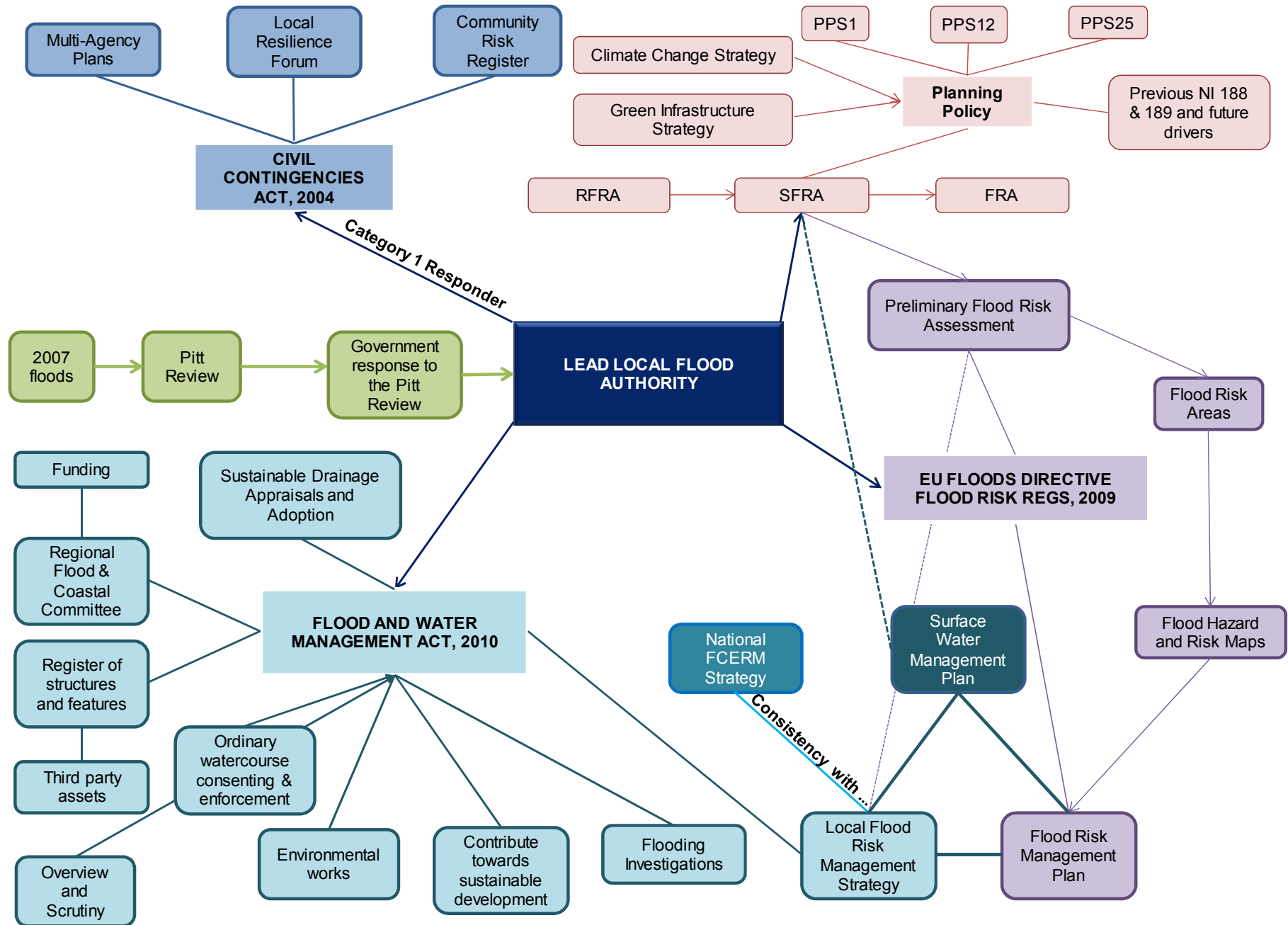




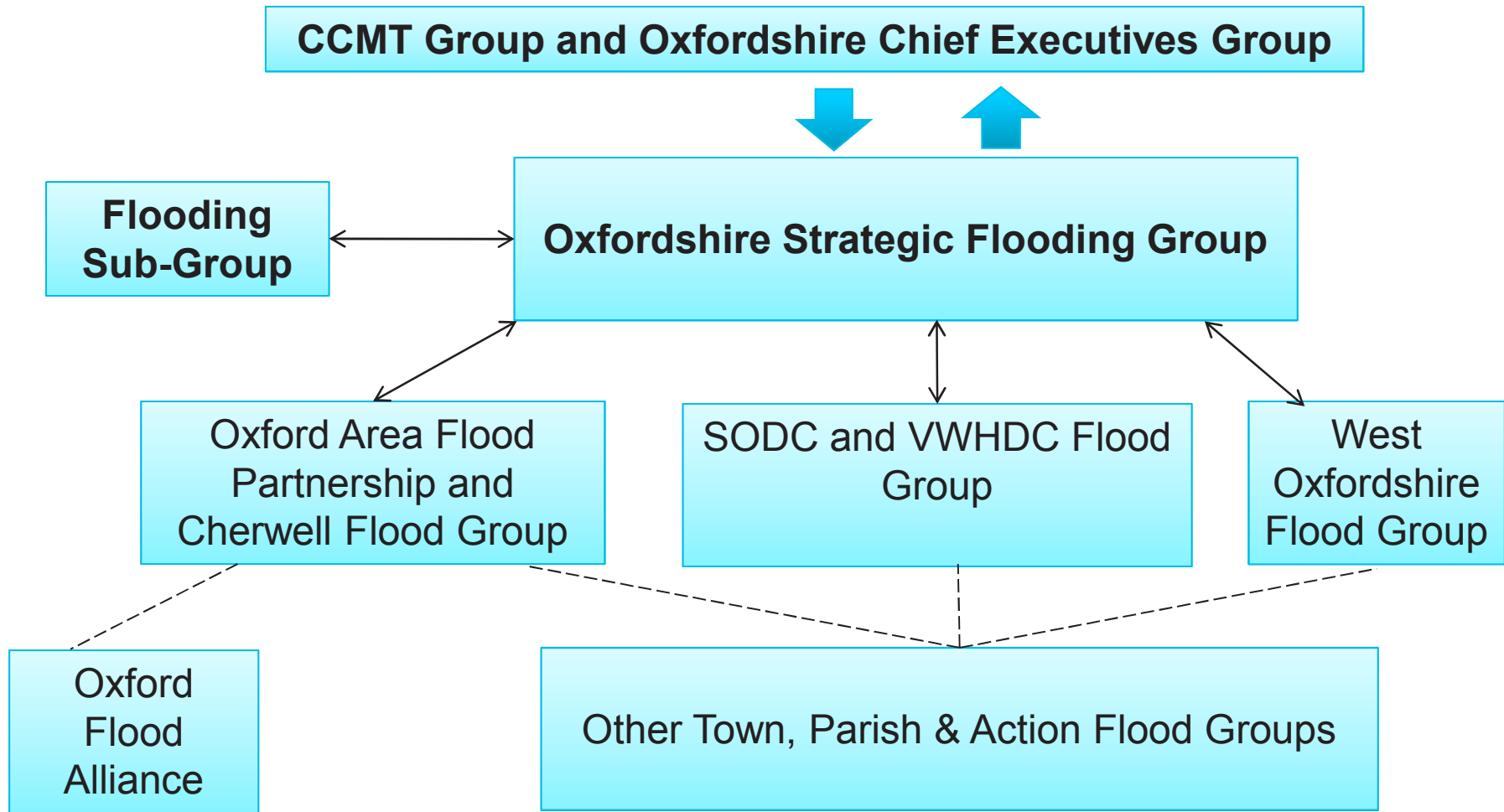


TAKING LEGISLATION FORWARD

### Partnership working with Risk Management Authorities and CCA Responders



# Partnership working



# Local Flood Risk Management Strategy

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- Risk Management Authorities
  - FCERM functions that *may* be exercised by the authorities
  - Objectives for managing local flood risk
  - Measures proposed to achieve objectives
  - How and when measures are expected to be implemented
  - Costs and benefits and funding of measures
  - **Assessment of local flood risk**
  - Review
  - Contribution to wider environmental objectives
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## Role of Elected Members

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- LLFA Scrutiny of Risk Management Authorities
  - Link to Thames Region RFDC/ RFCC
  - Reporting lines for Strategic Flooding Group
  - Development of the Local Flood Risk Management Strategy
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- How do you want to be involved?
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**Questions?**