



# **Flood Risk Management**

**- through good partnerships**

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**Lincolnshire County Council**

**Advisor to LGG**

# The Lincolnshire Story

*Discovering that working together....*

*... Brings skills, knowledge and experience together for the benefit of communities*

*... Is more effective, economical and efficient*

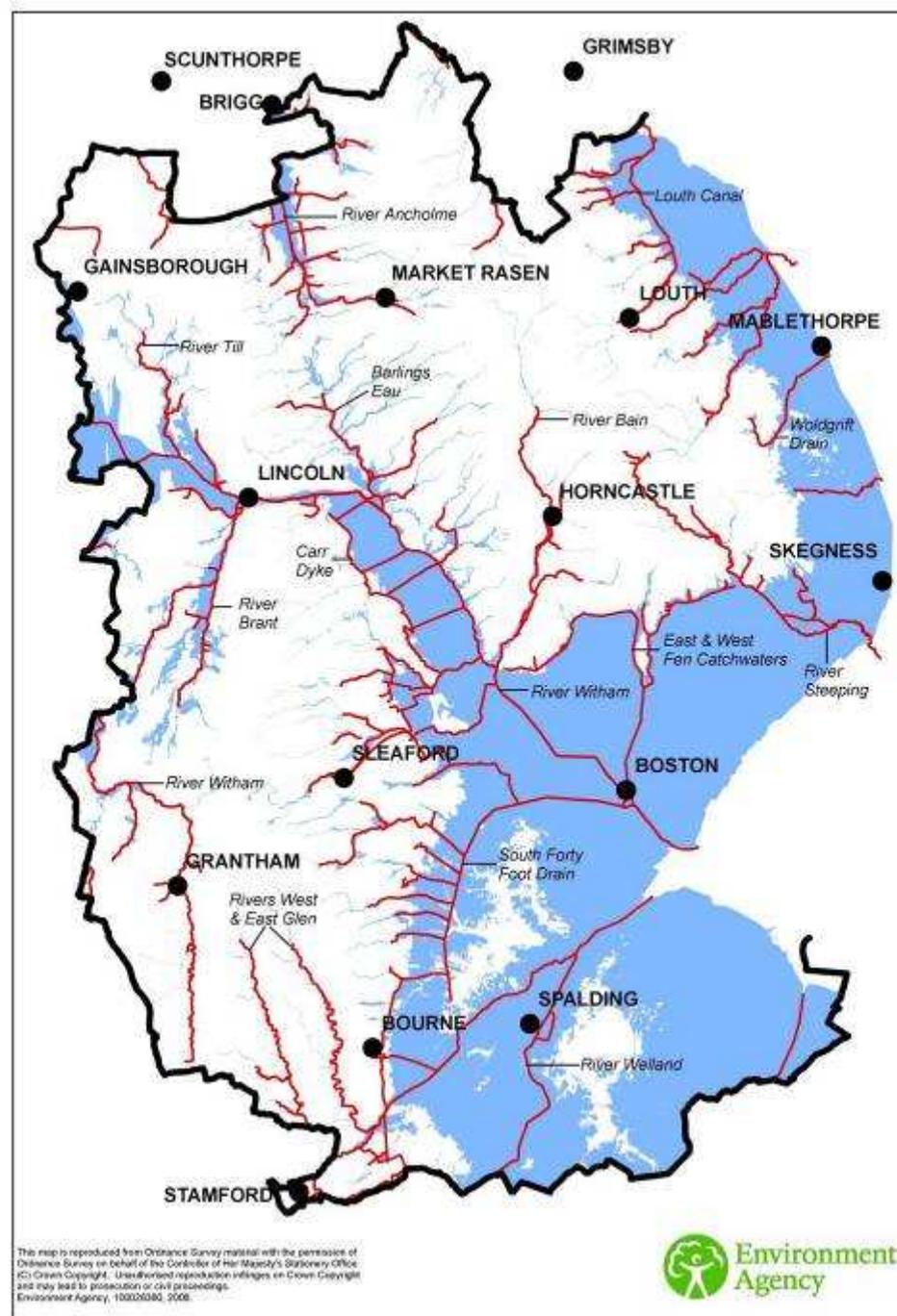
*... and more fun!*

# Remember 2007?



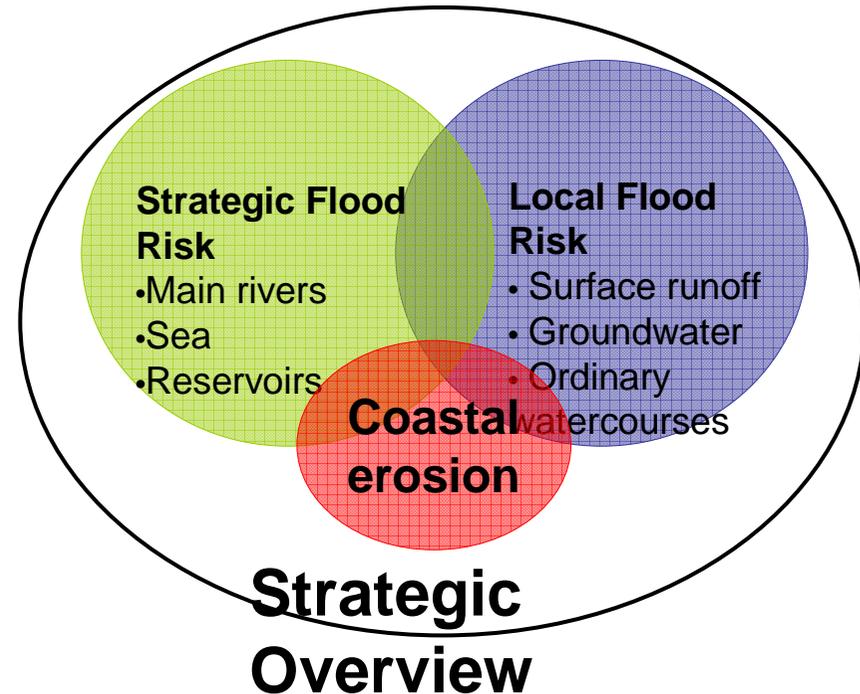
## Lincolnshire in context

- County Area 6,103km<sup>2</sup>
- Land in floodplain 2,369km<sup>2</sup> (39%)
- Properties in the floodplain 103,700 (46%)
- Population in floodplain 225,000
- Length of main river 1,529km
- Length of raised defences (both banks) 1,024km
- Length of Sea Defence 128km



# The Act sets up Flood Risk Management Authorities

- Environment Agency – national strategic lead
- County Councils are now ***Lead Local Flood Authorities***
- Other risk management authorities
  - District Councils
  - Internal Drainage Boards
  - Water Companies

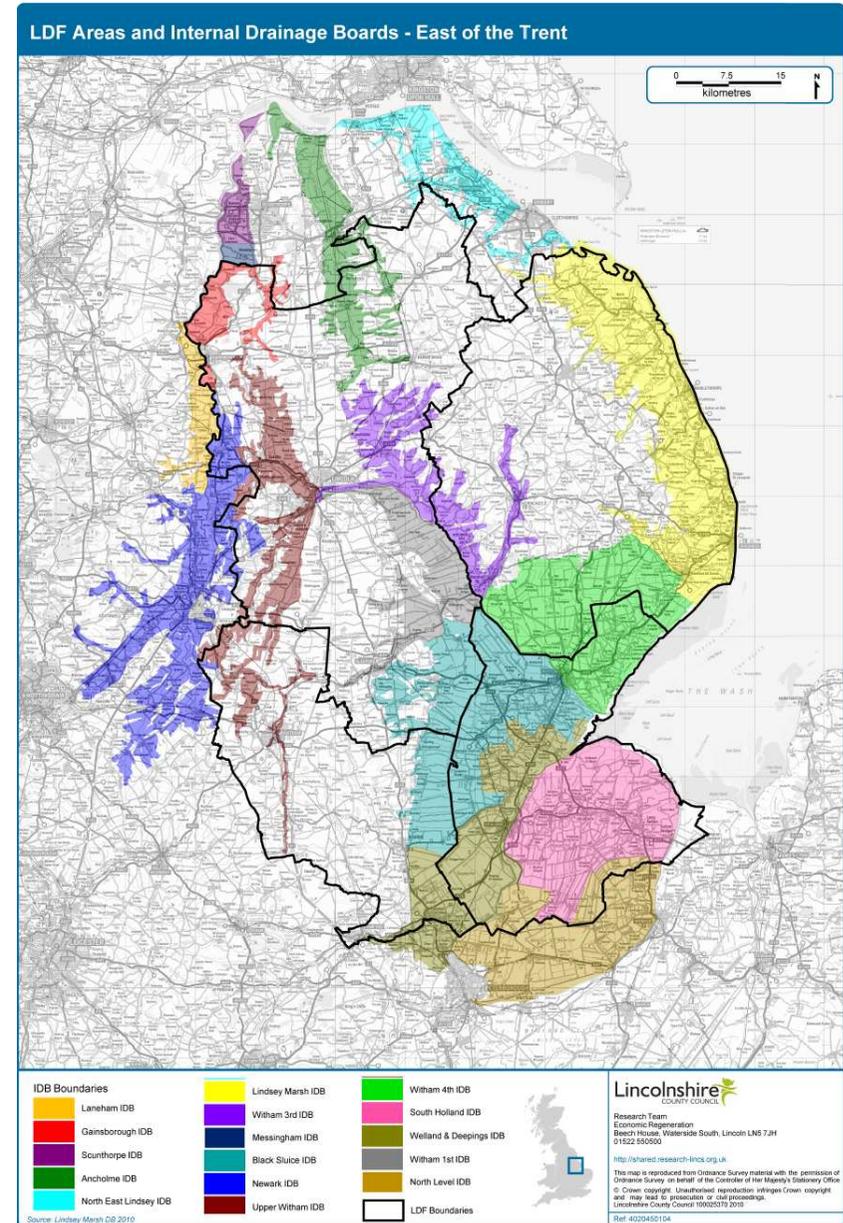


# Internal Drainage Boards (IDBs)

Drain low-lying areas  
(40% of Lincolnshire)

Land drainage –  
especially agricultural  
land, but also some  
urban areas

Water level management



# Water Companies

Supply water

Remove and treat foul water (foul and combined sewers & treatment works)

Surface water drainage of developed areas (surface water & combined sewers)



# LCC is the Highway Authority



# Overview of the Lead Local Flood Authority Roles

**The new  
'day-job'**

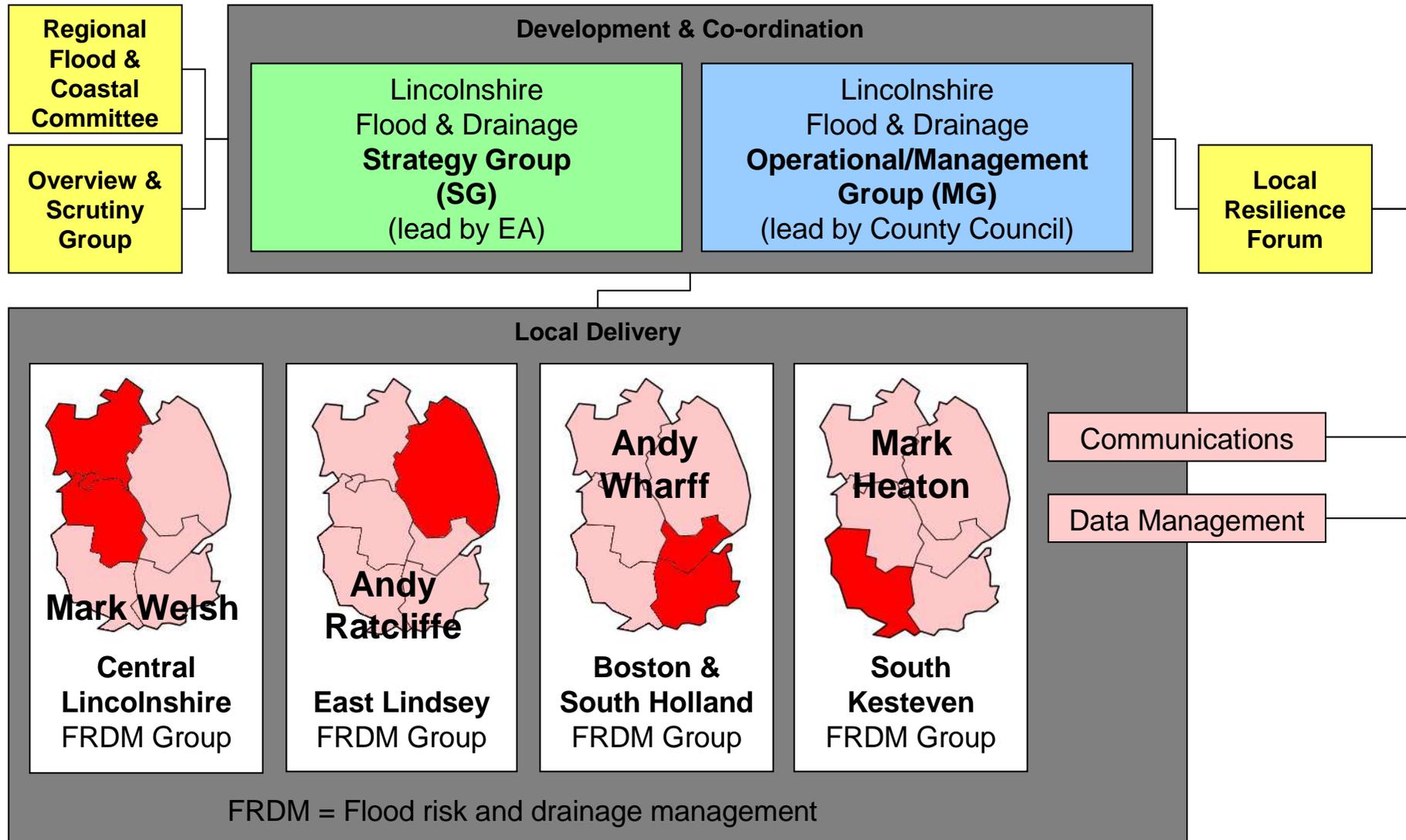
Leadership & co-ordination  
Partnership management  
Risk Assessment  
Strategy & plans  
Hazard mapping

**Development  
Control**

Operational drainage role  
Surface water  
Investigation of incidents  
Ordinary watercourses  
Asset register / designation  
Advice to public

SUDS – development  
control & planning

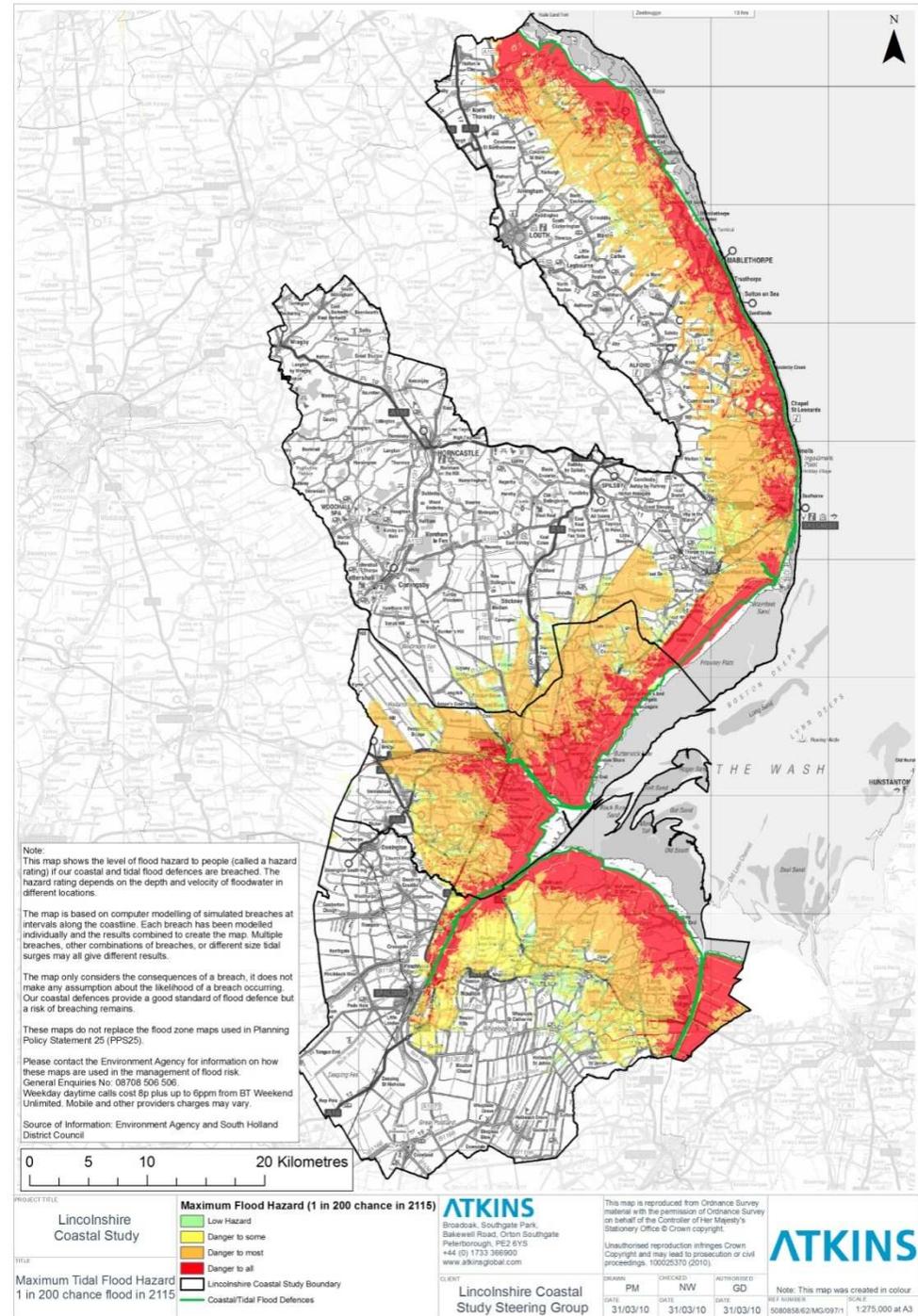
# Lincolnshire Flood Risk & Drainage Management Framework



# Flood hazard scenarios: hazard zones

Degree of coastal flood hazard	Hazard rating	Colour on maps	Description of flood water	Description of hazard
None	Little or no hazard	White	Outside of modelled flood extent	Little or no hazard (from coastal flooding)
Low	Low Hazard	Green	Shallow flowing or deep standing water	Caution, low risk to people
Moderate	Danger to some	Yellow	Fast flowing or deep standing water	Risk to the vulnerable e.g. children, the elderly and the infirm
Significant	Danger for most	Orange	Fast flowing and deep water with some debris	Risk to most, including the general public
Extreme	Danger for all	Red	Fast flowing deep water with significant debris	Extreme hazard, danger to all, including the emergency services

# Residual flood hazard map 1 in 200 year event, in 2115





we're prepared for  
**COASTAL FLOODING**  
in Lincolnshire - are you?

make a plan: [www.lincolnshireprepared.co.uk](http://www.lincolnshireprepared.co.uk)  
make a call: Floodline 0845 988 1188



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# PERSONAL FLOOD PLAN

Call Floodline on 0845 988 1188  
visit [www.lincolnshireprepared.co.uk](http://www.lincolnshireprepared.co.uk)



Do you know:

- How and where to switch off your gas?
- How and where to switch off your electricity?
- How and where to switch off your water?
- If your insurance covers you in case of flooding?

Electricity provider and phone number

Gas Provider and phone number

Water company and phone number

Insurance company, phone and policy number

Where could you go in a flood:

(Name, address, phone numbers and additional info)

## What else can you do?

Register for Floodline Warnings Direct on 0845 988118  
and find out your quick dial code. Make a note here:

Prepare an emergency kit containing: bottles of water, non-perishable food, a torch with a spare set of batteries, a radio with a spare set of batteries, warm and waterproof clothing, blankets, a first aid kit and any required medication, and all important documents sealed in a waterproof wallet?

For travel, weather and safety information, tune in to:  
BBC Radio Lincolnshire (94.9FM) and Lincs FM (102.2FM)



# So what?

- How can Lincolnshire's experience help LGG?
- Not just Lincolnshire CC:
- Somerset, Gloucestershire; Cambridgeshire, Surrey, North Yorkshire, Enfield, Worthing, Wychavon, Essex, Bradford and many more....

# How?

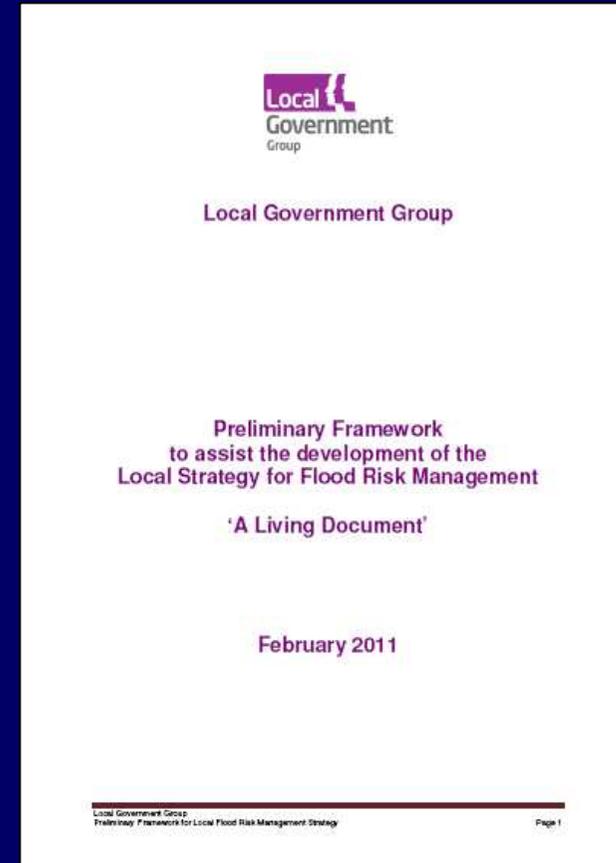
- Contributing to LGG
- Officers supporting the Inland Flood Risk Management Group
- Producing guidance

# Preliminary Framework guidance

Produced by a group led by Somerset CC.

Lincolnshire leading a group preparing revisions.

EA and defra; CIWEM, LGIU supporting.



# How can councils be helped?

- Share expertise through LGG
- Guidance produced by local government for local government
- LGG councils contributing to defra and DCLG
- Form sub-national groups like Coastal Groups?
- Form a network of expertise?

# What should the IFRM Group do?

*Remember our citizens don't care who is responsible for what. They just want flooding sorted out, but...*

*...they will blame councils if it goes wrong!*

- Encourage your authorities to get involved
- Support your council's officers
- Discourage blame game
- Encourage collaboration; **OR....**



# Close of Annual Inland Flood Risk Management and National Partners Groups meeting

Cllr Mike Haines, Chair, Inland Flood Risk  
Management Group