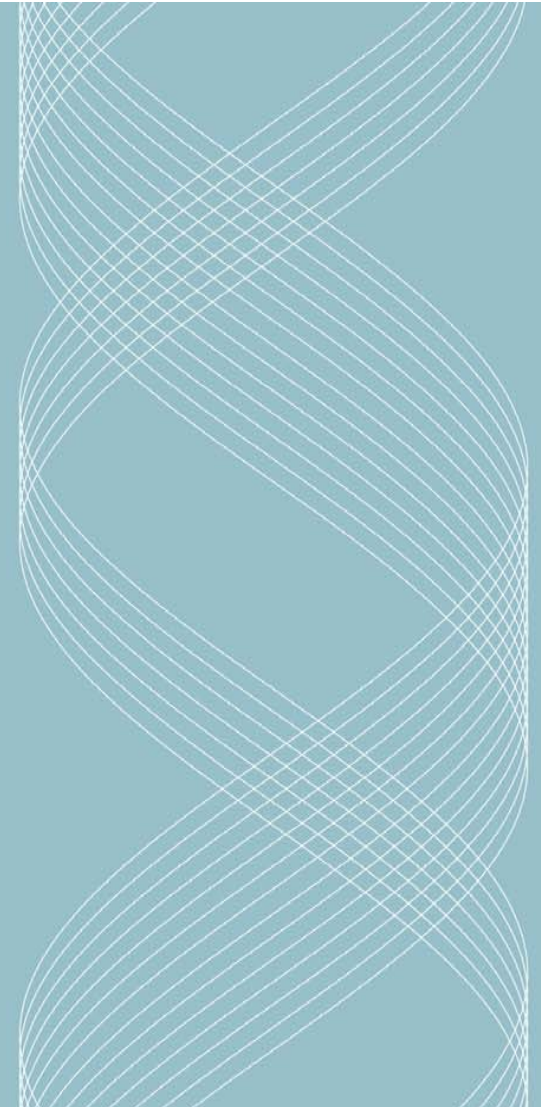




# Building UK Resilience

Bruce Mann  
Director Civil Contingencies  
Cabinet Office





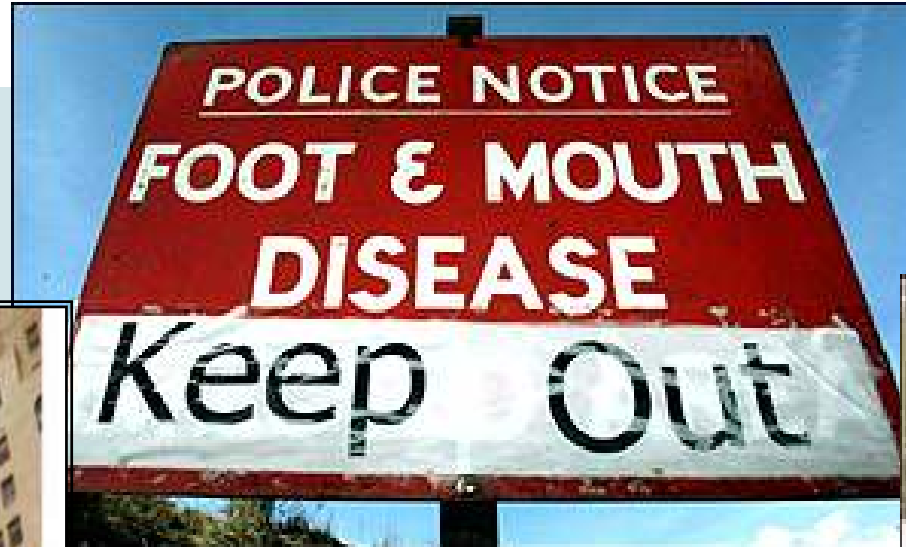
# Four Questions

- **What is ‘resilience’?**
- **What should we be ‘resilient’ against?**
- **Who is involved in building resilience?**
- **How do we know when we are resilient?**



# Question 1

**What is 'Resilience'?**





# What is 'Resilience'?

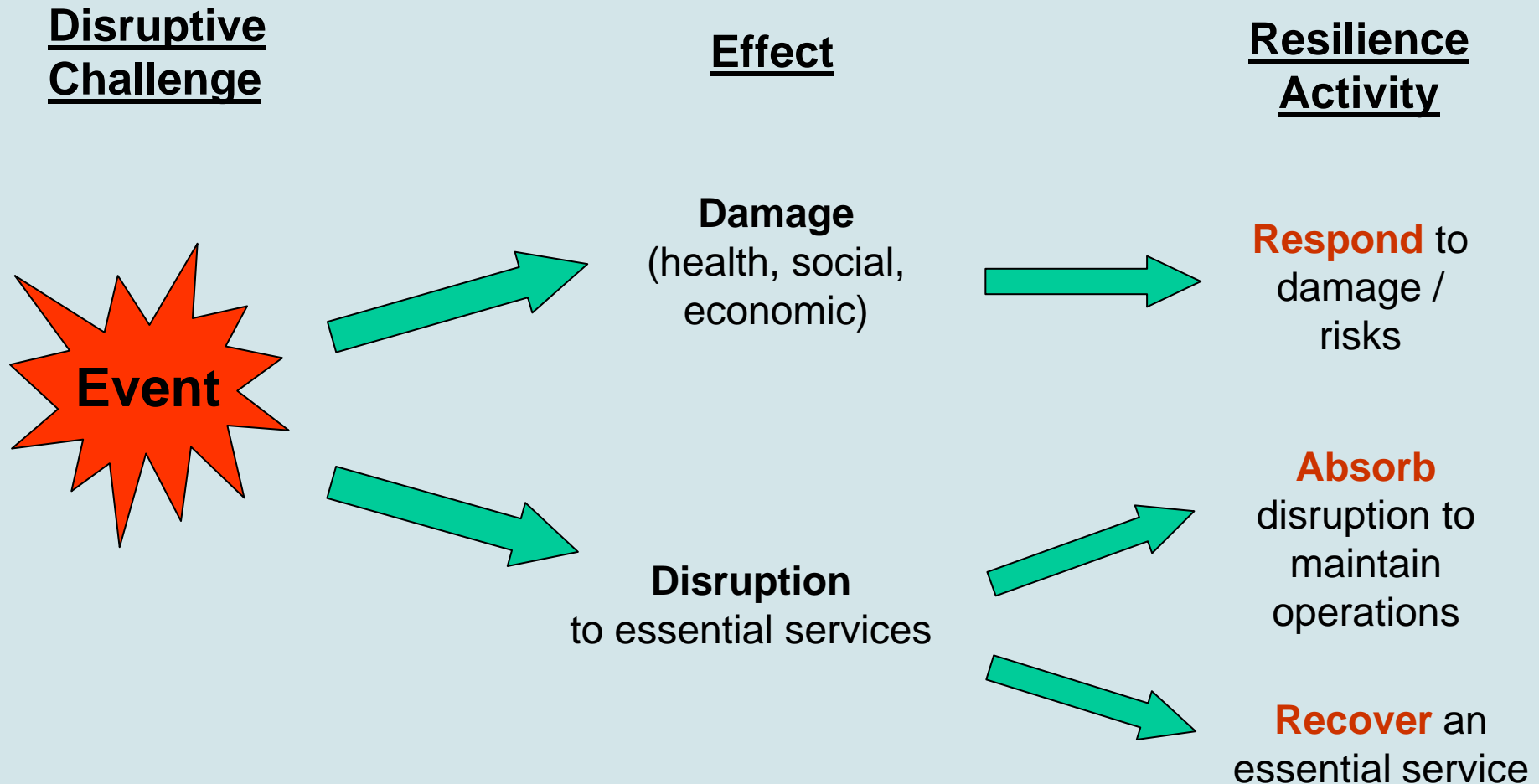
## Resilient:

*Springing back to its original form*

*Readily recovering from **shock** or depression*



# Scope and Definitions - Resilience



# Mission

## Mission

Through the collective action of all involved, at central, regional and local levels, to enable as far as practicable the nation to **absorb**, and then to **respond** to and **recover** from, **potential disruptive challenges** of all types.

# Risk Reduction in the CNI



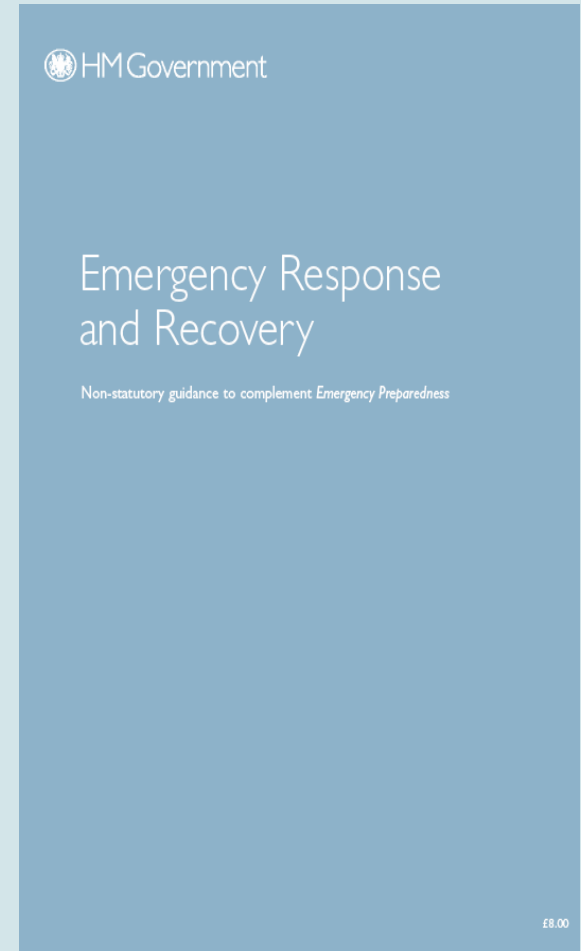
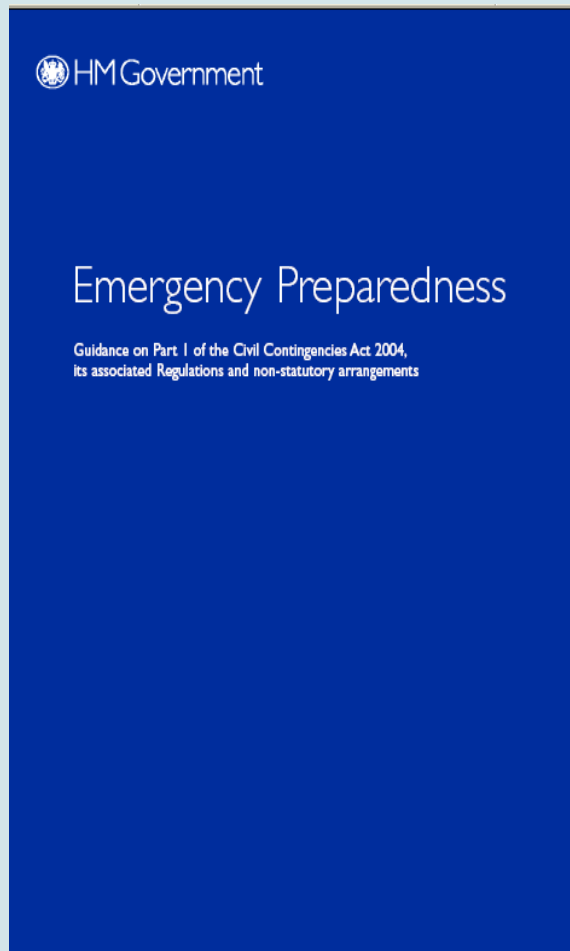
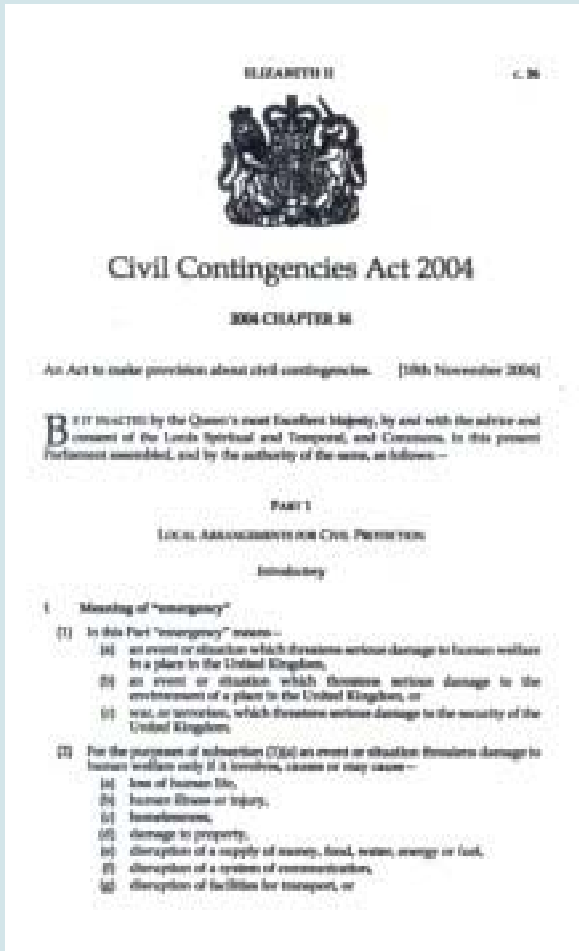


## Question 2

**What should we be ‘resilient’  
against?**



# Scope and Definitions





# Scope and Definitions

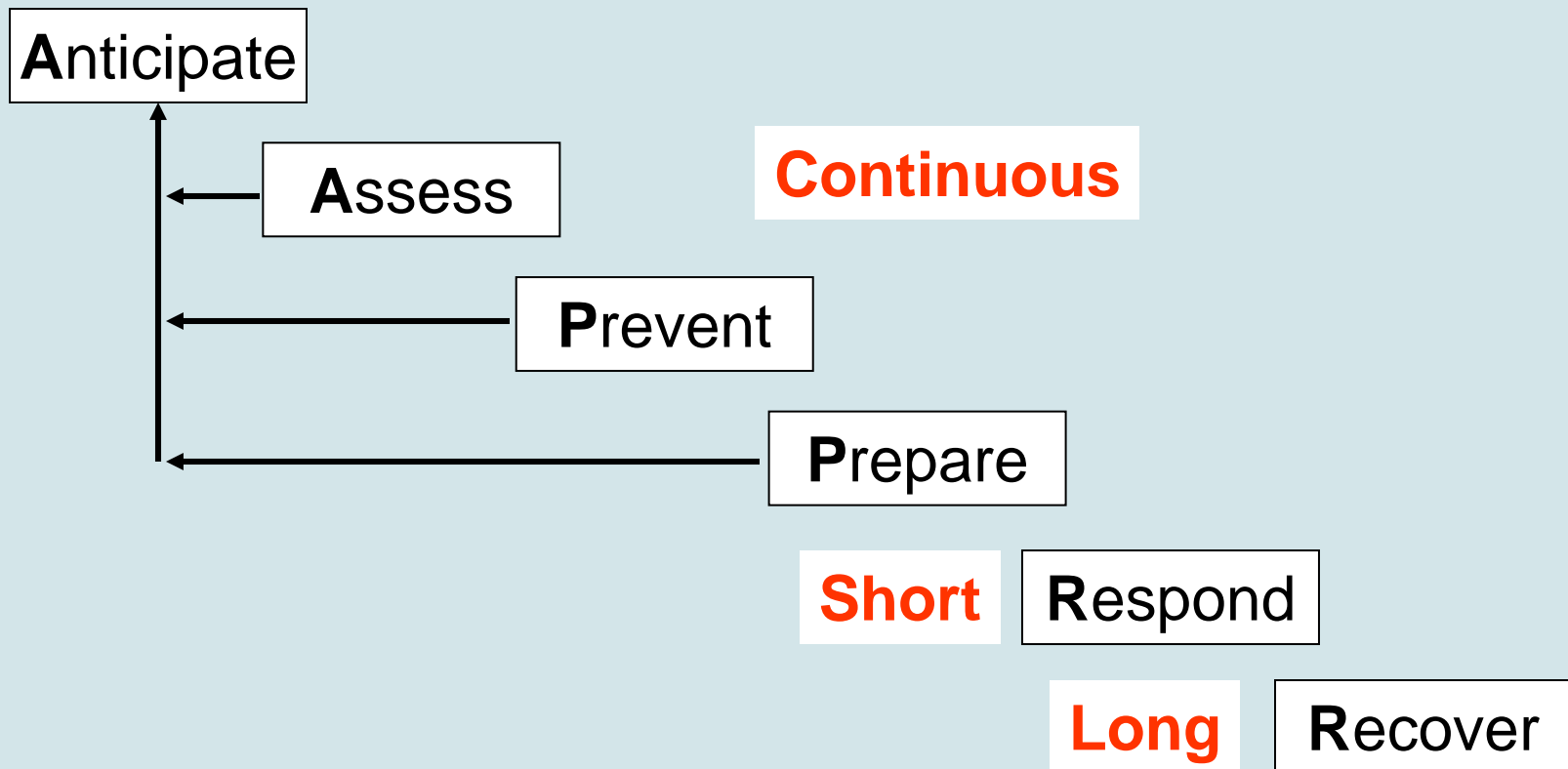
## Civil Contingencies Act Cl. 1 Sn (1)

*“Emergency” means –*

- (a) an event or situation which threatens serious damage to **human welfare** in a place in the United Kingdom,*
- (b) an event or situation which threatens serious damage to the **environment** of a place in the United Kingdom*
- (c) war, or terrorism, which threatens serious damage to the **security** of the United Kingdom’*

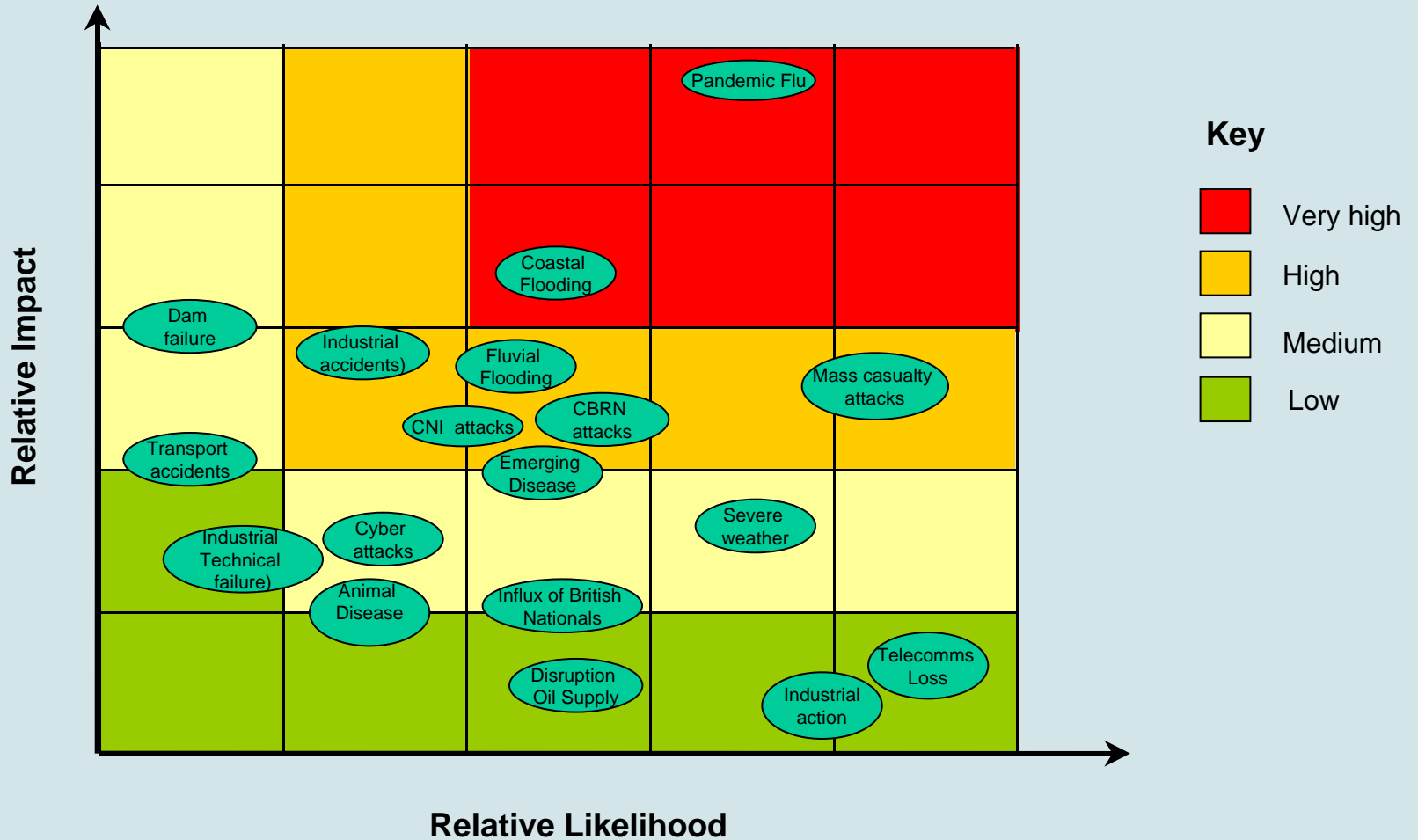


# Integrated Emergency Management





# Risk Matrix



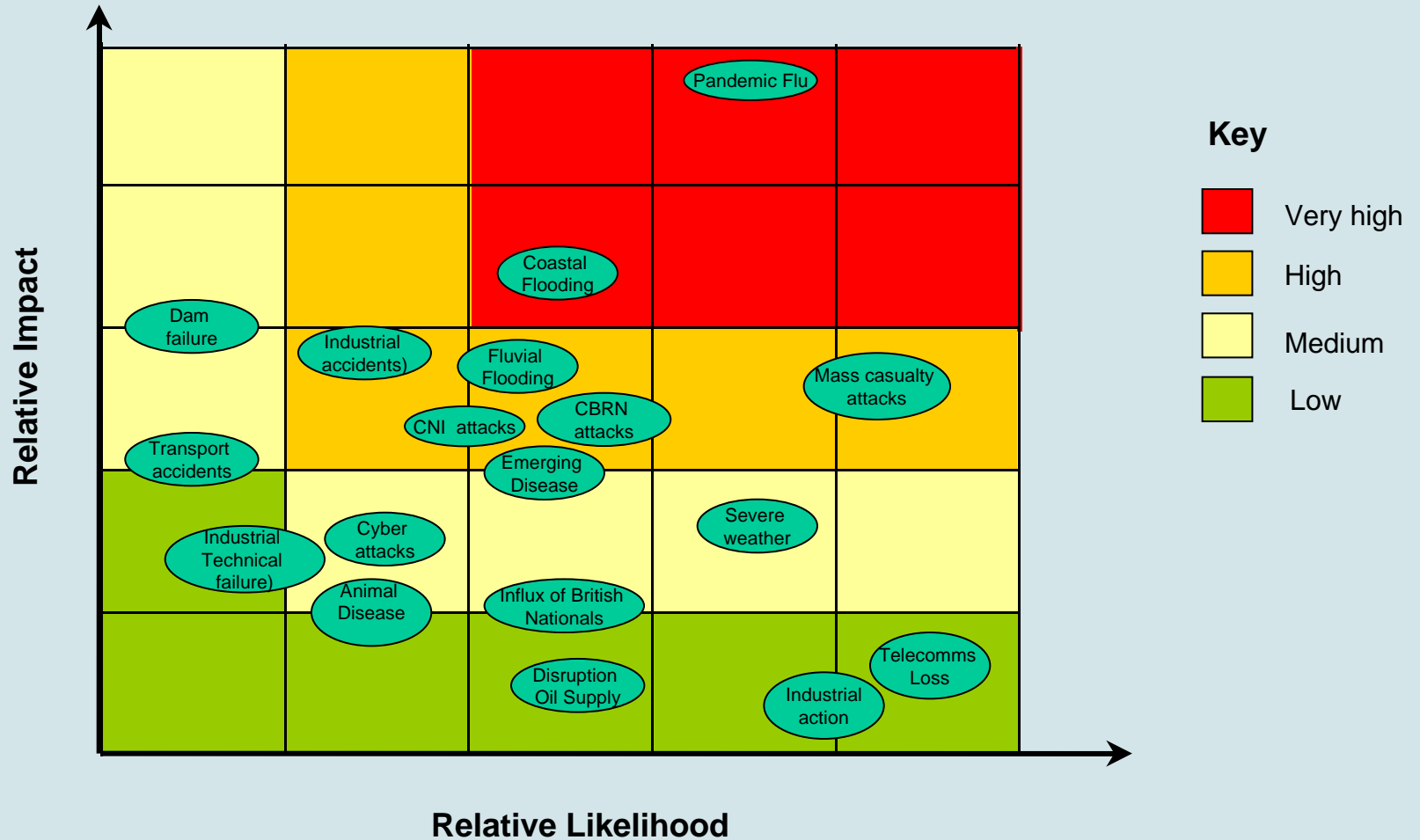


# Question 3

**Who is involved in building  
'resilience'?**



# Risk Matrix





# Engagement

Our Strategy must be:

- **Multi-level** – national, regional, local.
- **Multi-agency** – there is a wide range of organisations involved in preparedness planning and in the response.
- **Multi-sector** – public, **business, voluntary, community, private**



# National Security Strategy

1. Flu planning
2. Review of the Civil Contingencies Act
3. Better flood management
4. Publish National Risk Register
5. Community resilience

 CabinetOffice

The National Security  
Strategy of the  
United Kingdom  
Security in an interdependent world





# Community Resilience

*“Communities and individuals harness local resources and expertise to help themselves, in a way that complements the response of the emergency services. That kind of community resilience is already well organised in some parts of the United Kingdom, and we will consider what contribution we can make to support and extend it.”*



# Community Resilience - Four Assertions

- The response to and recovery from most major emergencies will in most cases be more effective if citizens and communities act in support of the ‘blue light’ services
- Communities *are* in general ready to help each other
- Community resilience must go with the grain of existing civic/citizen engagement initiatives
- **Community resilience should be done *by* people (with support from practitioners), not *to* people**



# Key Design Principles

- The ‘communities’ involved are small - the strength of the concept.
- Activity should be targeted on the risks people perceive as being most likely to affect them, their family and their friends.
- The best tasks for community action are the obvious ones -
  - Resources – shelter; generators; chain saws; 4 x 4s
  - Helping others, especially the vulnerable
- **Central Government should enable and no more.**

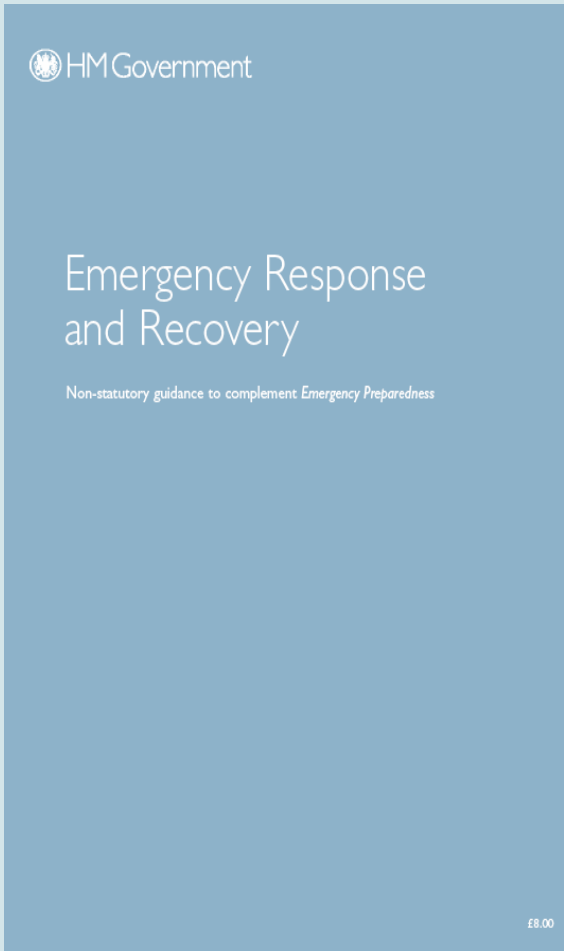
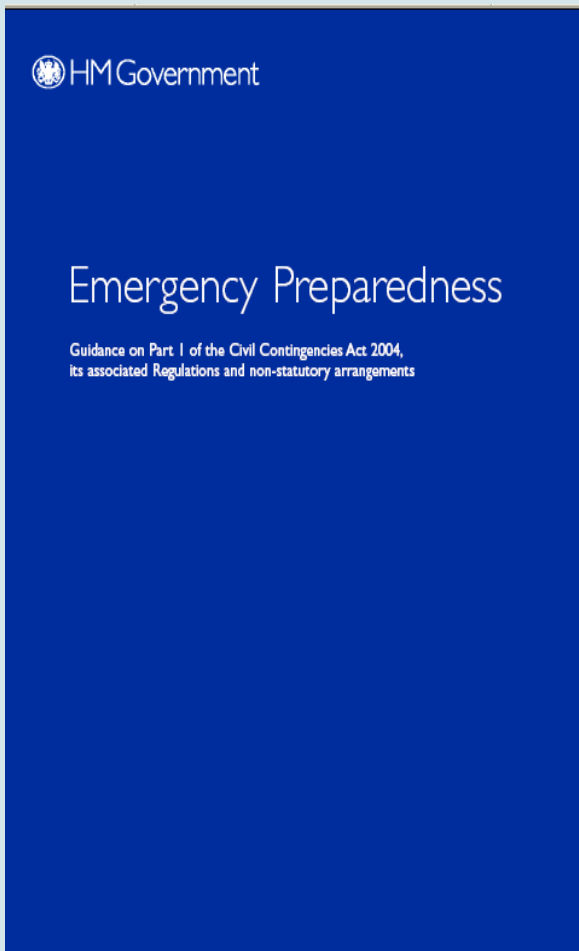
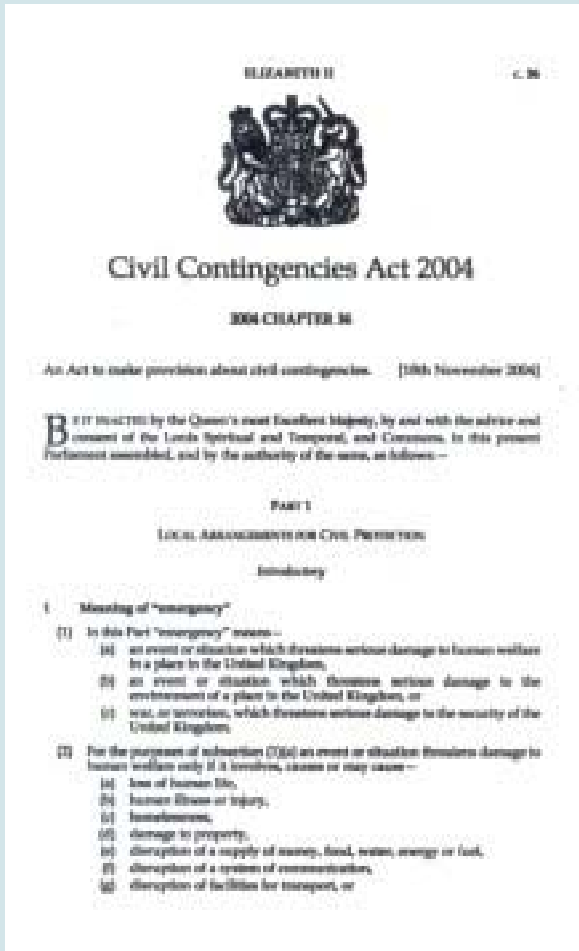


# National Risk Register

*“Wider knowledge of the risks will enable communities to prepare better. We will therefore publish in summer 2008, and on a regular basis thereafter, a national-level risk register setting out our assessment of the likelihood and potential impact of a range of different risks that may directly affect the United Kingdom, and the safety and well-being of its citizens.”*



# Co-ordination





# Authority

Duties on 'Category 1' responders:

- Risk assessment
- Emergency planning
- Public communications
- Business continuity management
- Information sharing
- Co-operation
- Business Continuity promotion

Duties on 'Category 2' responders:

- Co-operation
- Information-sharing

# Local Resilience Forums

- Multi-Agency
- Ensure effective resilience at the local level





# Question 4

**How do we know when we are  
'resilient'?**



# The Master Question

**“Are We Ready?”**



# “Are **We** Ready?”

Our Strategy must be:

- **Multi-level** – national, regional, local.
- **Multi-agency** – there is a wide range of organisations involved in preparedness planning and in the response.
- **Multi-sector** – public, **business, voluntary, community, private**



# “Are We **Ready?**”

1. What risks do we face?

2. What are the consequences we might have to deal with?

3. What capabilities do we need to deal with those consequences?

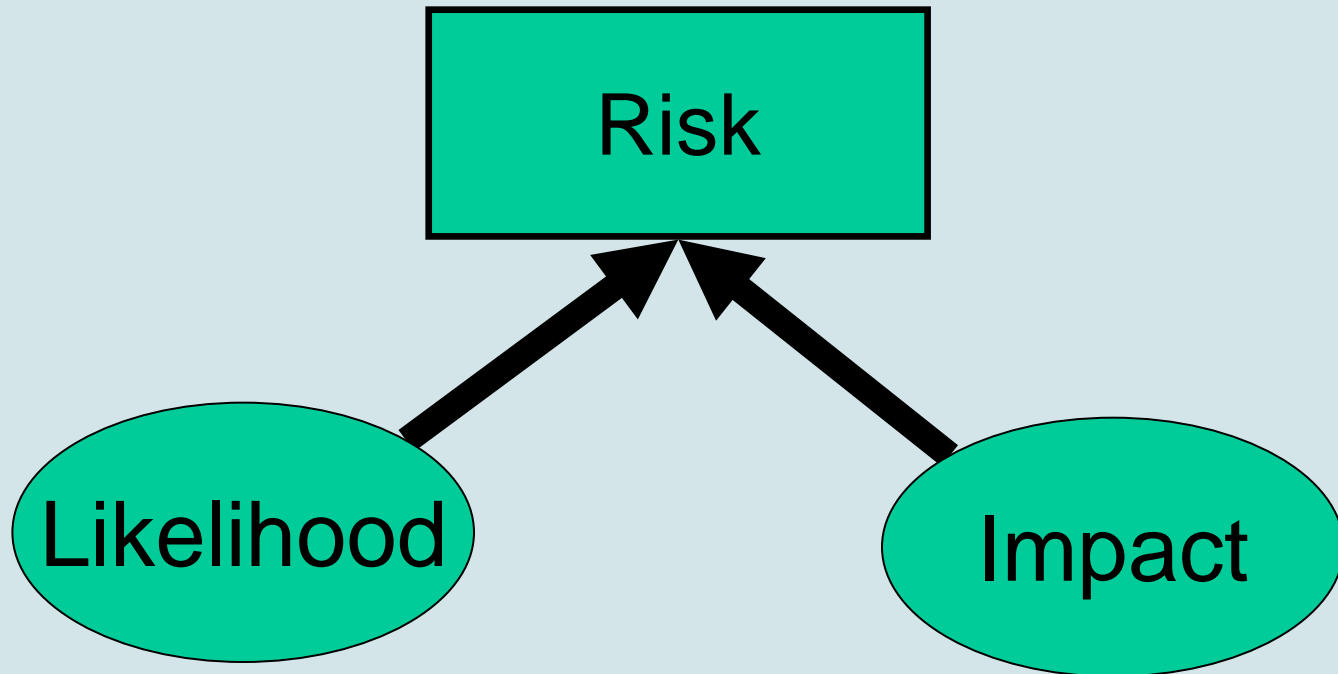
4. What is the current level of capability?

5. Readiness Assessments

6. Close the Gaps

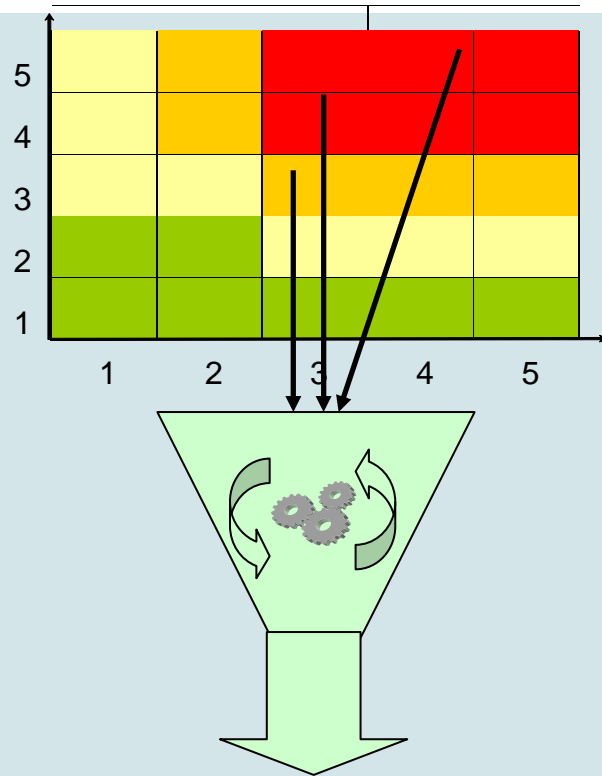


# Risk Assessment



Against a **Reasonable Worst Case** scenario

# Planning Assumptions



## Risks

1. Flu Pandemic – Key Driver
2. CBRN
3. 9/11-style attack

## PROCESS

- What is the consequence?
- What is an appropriate reasonable worst case, taken across those risks
- Reasonable worst case warning time?
- Regional Variation?
- International/military assistance?

**PLANNING ASSUMPTION – Mass Fatalities**

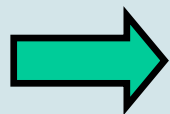


# Capability Requirements

- ✍ Statements describing the type and extent of the required capabilities.
- ✍ Generated through Capability Analysis, modelling the response at each level in a time-sequenced manner.
- ✍ Example:
  - ***re-establish basic transport services within x hours, sufficient to achieve essential movement of people and goods.***

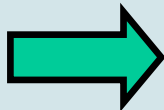
# Capability Components

Requirement: *“To clear x tonnes of rubble in y hours”*



Task analysis:

- Removal of bodies
- Clearance
- Cleanup

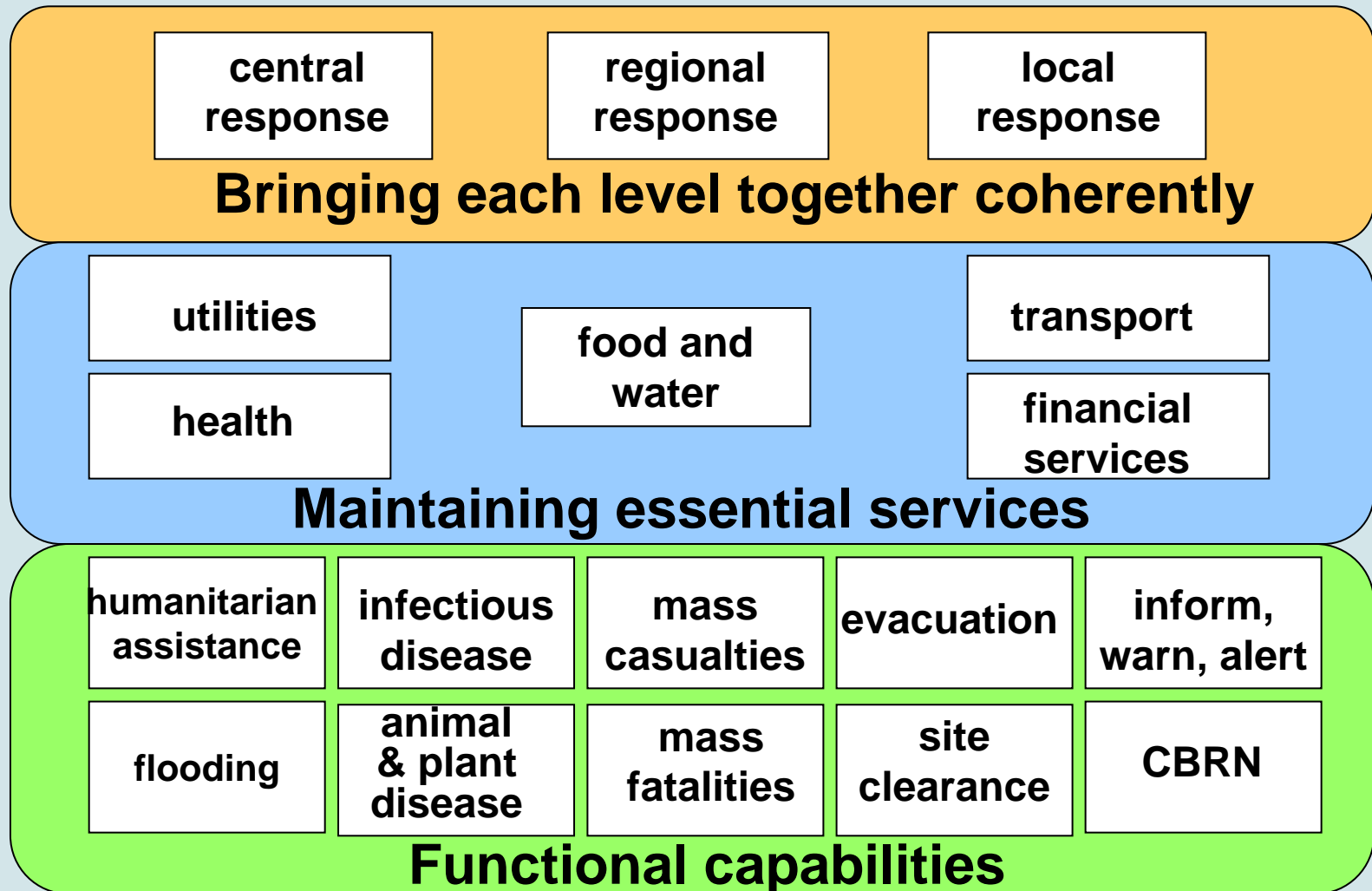


Capability Components:

- Personnel: xxxxxxxxxxxxxxxxxxxx
- Equipment: xxxxxxxxxxxxxxxxxxxx
- Legislation: xxxxxxxxxxxxxxxxxxxx
- Doctrine: xxxxxxxxxxxxxxxxxxxx
- Training: xxxxxxxxxxxxxxxxxxxx
- Infrastructure: xxxxxxxxxxxxxxxxxxxx

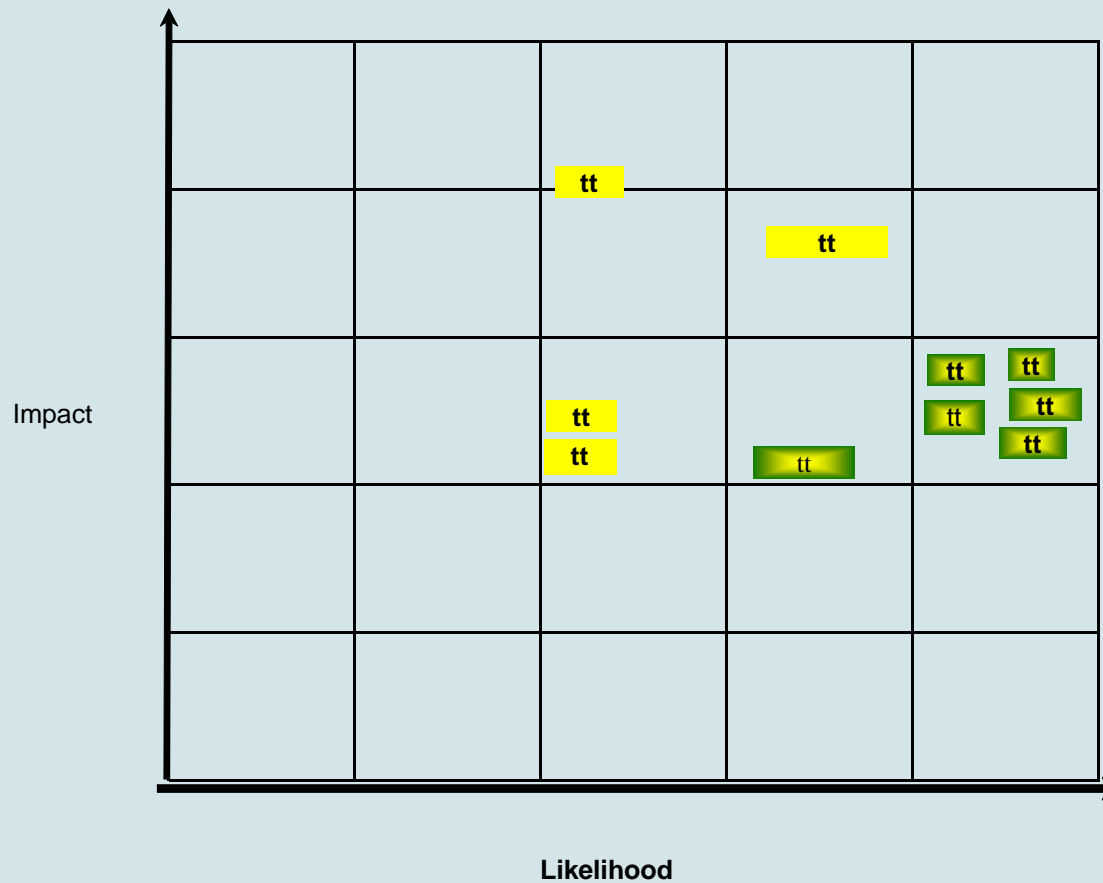


# Capabilities Programme Workstreams



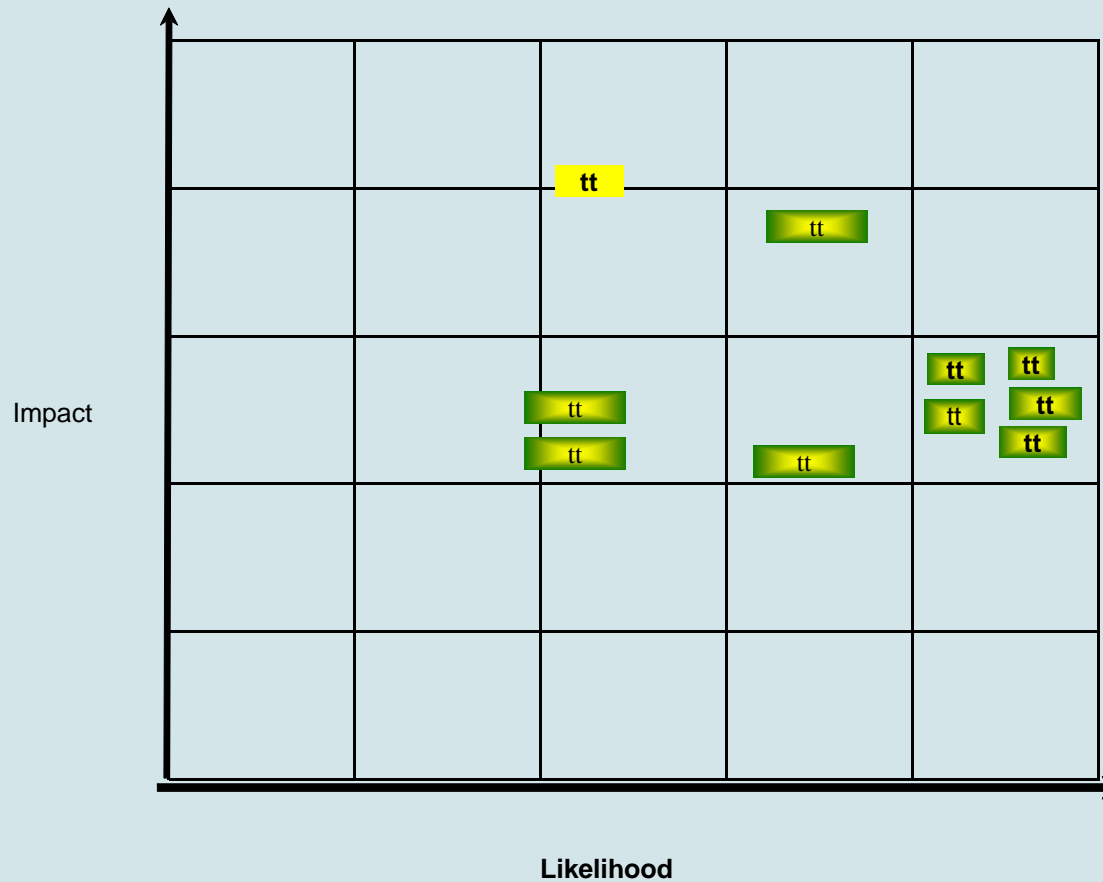


# Readiness: Terrorism - Now





# Readiness: Terrorism – 2-3 years time



**LONDON RESILIENCE**



preparing for emergencies

**LONDON REGIONAL RESILIENCE FORUM**

*LOOKING BACK, MOVING FORWARD*

**The Multi-Agency Debrief**

Lessons identified and progress since the  
terrorist events of 7 July 2005

September 2006



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Director Civil Contingencies  
Cabinet Office

