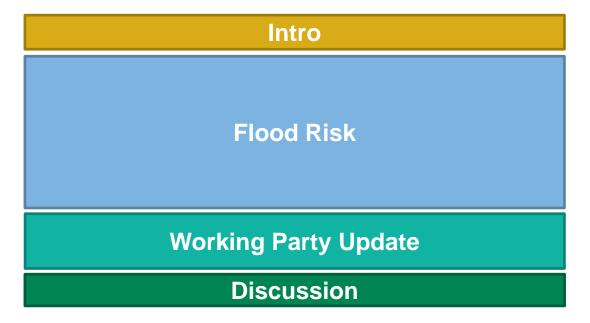


TIGI 2019: Flood

IFoA Flood Working Party



Agenda





Flood is still on the Agenda

2018

Flood warnings in place after Easter rain and snow

3 April 2018



2019

UK weather: Hottest Easter Monday on record

© 22 April 2019









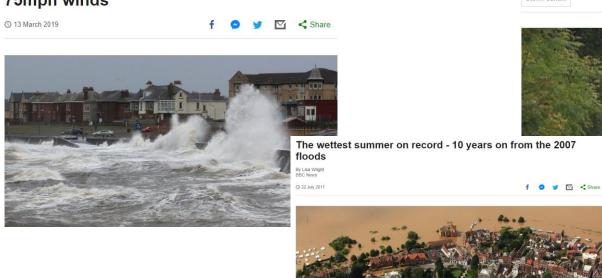




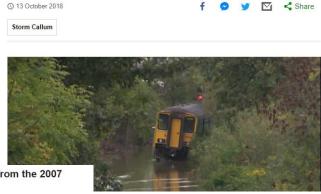
24 April 2019

Flood is still on the Agenda

Storm Gareth advances with floods and 75mph winds



Storm Callum: One killed as Wales suffers 'worst flooding for 30 years'





Two Thousand and Thirty Nine

2039

From Wikipedia, the free encyclopedia

This article is about the year 2039.

2039 (MMXXXIX) will be a common year starting on Saturday of the Gregorian calendar, the 2039th year of the Common Era (CE) and *Anno Domini* (AD) designations, the 39th year of the 3rd millennium, the 39th year of the 21st century, and the 10th and last year of the 2030s decade.

Predicted and scheduled events [edit]

- June 21 Annular solar eclipse over the Northern hemisphere.
- September 2 The Destroyers for Bases Agreement's ninety-nine-year rent-free leases granted to the United States by the United Kingdom will expire.
- · November 7 Transit of Mercury.





What is Flood Re?



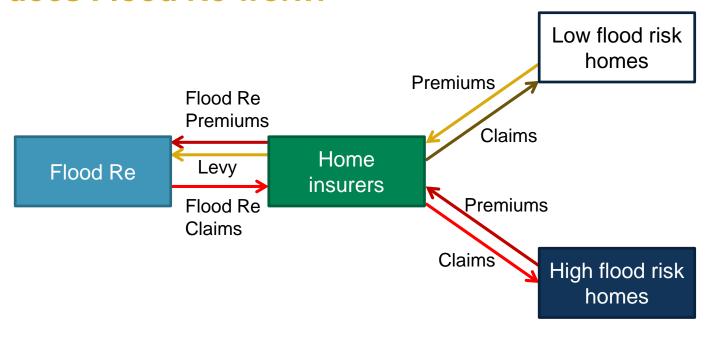






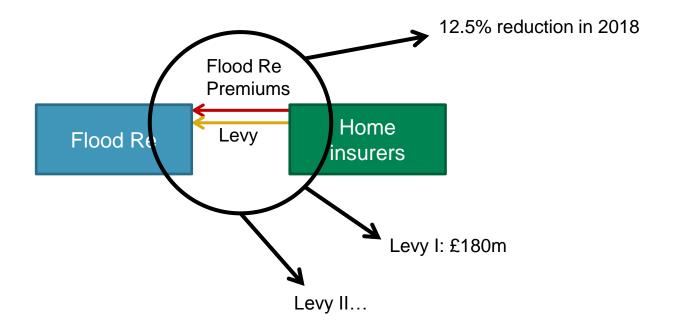


How does Flood Re work?

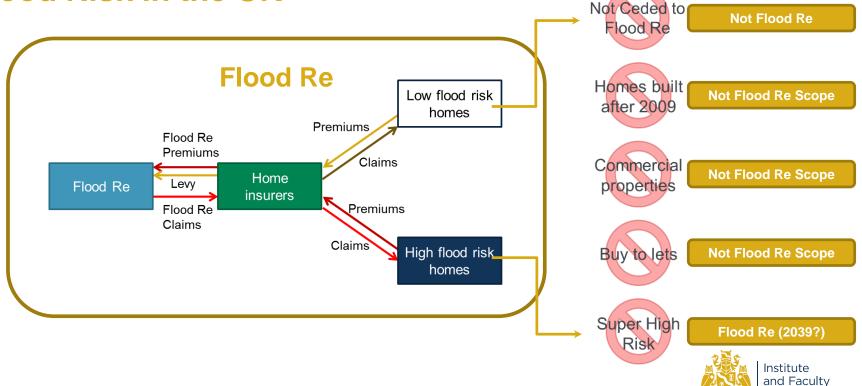




How does Flood Re work?

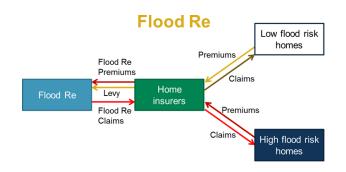






24 April 2019 9

of Actuaries



Affordable flood cover for customers?



Managed flood risk for insurers?



Transition plan and acknowledgement of challenges?



Stakeholder engagement on 2039 challenge?



Customer & insurer buy-in to resilience and resistance?



Customer awareness of flood risk?



Buy-in from property developers/local authorities?



Pressure to meet home building targets?



Climate change adding to the underlying risk?



Consistency and predictability of government policy?

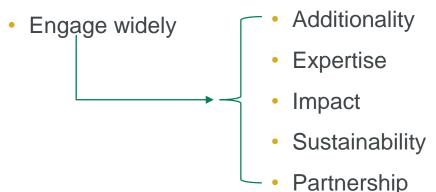




Flood Re Action

Action to Date

- Raise awareness
- Increase understanding



Next Steps

- Continue with current work
- Develop the role of Flood Re
- Increasing resilience through resilient repair
- Building social capital and strengthening communities
- Incentivising action from households

Institute and Faculty

Risks currently ceded to Flood Re must return to "Risk-reflective" pricing by 2039

AVAILABILITY

Outcome A:

Market will provide insurance to the majority of high flood risk households, but premiums are at a rate that most will find unaffordable

Outcome C:

Transition not successful – market is small and very costly – the majority of high flood risk households cannot gain insurance at all

Target outcome:

Market with risk-reflective pricing exists and provides widely available and affordable insurance to high flood risk households

Outcome B:

Market provides affordable flood insurance for small number of properties (likely those with lowest risk) with remainder of market not being covered

AFFORDABILITY



A reminder that the inherent risk is growing...and the challenge of risk reflective pricing does too...

Emissions









Insufficient defences

Continued development near water



Removal of Natural Drainage



The challenge of "Risk-reflective" pricing by 2039



Institute and Faculty of Actuaries

Macro & Micro Flood Defences – Survey Responses from 2018 Working Party

Trom 2010 Working Farty			
	~Facts	~Opinions	





- Could be ceded to Flood Re, but insurers choose not to
- Likely to mean that risk based pricing of these risks is within reasonable tolerances for both insurer and customer? Customers can switch insurers.



- Excluded from Flood Re scope
- Should benefit from flood defences, resilience etc embedded into building planning, but is this effective? How many properties?



New Builds

Builders 'behind UK flooding risk'

Rush to build new homes will increase flooding, experts warn

Anger as council agrees new homes on flood zone at Claines, Worcester

Why do we insist on building on flood plains?

Residents living on new housing estate say they fear homes will flood every time it rains

Hundreds of homes are built each year despite flood risk objections



Taylor Wimpey, Ruthin, Wales



- Developers were granted planning permission from the council, despite concerns about flooding
- Affected by floods in 2012
- Developers have since put in defences





- Could be ceded to Flood Re, but insurers choose not to
- Likely to mean that risk based pricing of these risks is within reasonable tolerances for both insurer and customer? Customers can switch insurers.



- Excluded from Flood Re scope
- Should benefit from flood defences, resilience etc embedded into building planning, but is this effective? How many properties?



- Excluded from Flood Re scope
- Commercial businesses should have the insights & acumen to manage their own Flood Risk. But is this true for Small & Medium Enterprises (SMEs)?



- Excluded from Flood Re scope
- Landlords should have the insights & acumen to manage their own Flood Risk. But is this true for 'Domestic' or 'Accidental' landlords?



- Very likely to be ceded to Flood Re by insurers
- Flood Re: "continued support for those with unavoidably high level of flood risk" and "minimising the size" of this group. How many is too many?





Everybody's happy?



- Are building regulations & flood defences working?
- How many? How many in flood areas?
- What's the impact of local flood defences? Consequent impact elsewhere?



- Larger businesses have scale, knowledge & incentive to manage risk?
- SME's should these be considered in scope of Flood Re?
- How many? How many in flood areas?



- Professional landlords have scale, knowledge & incentive to manage risk?
- Accidental landlords should these be considered in scope of Flood Re?
- How many? How many in flood areas?



- Everybody's happy, until 2039?
- What is "super high risk"?
- How many? How many is acceptable?



Themes for the 2019/20 Flood WP to consider...

- Risk based affordable pricing for Flood Risk, in the absence of Flood Re from 2039
 - Continuing the work of the 2018 WP, quantifying Climate Change challenge, looking at resilience/resistance measures & effectiveness etc
- What is the "Super High Risk Pool" and what is our national tolerance for its size?
 - Establishing a 'risk appetite' for 2039
- Has Government spending on Flood defences been effective, sufficient and fairly distributed?
 - Understanding, analysis & potential to influence forthcoming spending review
- What is the profile of 2009+ new builds, specific flood defences effectiveness & impact?
 - Building a profile of the 'out of Flood Re scope' Flood Risk
- What is the size of the SME/Accidental Landlords exposure and its Flood Risk profile?
 - Building a profile of the 'out of Flood Re scope' Flood Risk



Questions

Comments

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