



Monitoring and Evaluating progress with adaptation in the UK

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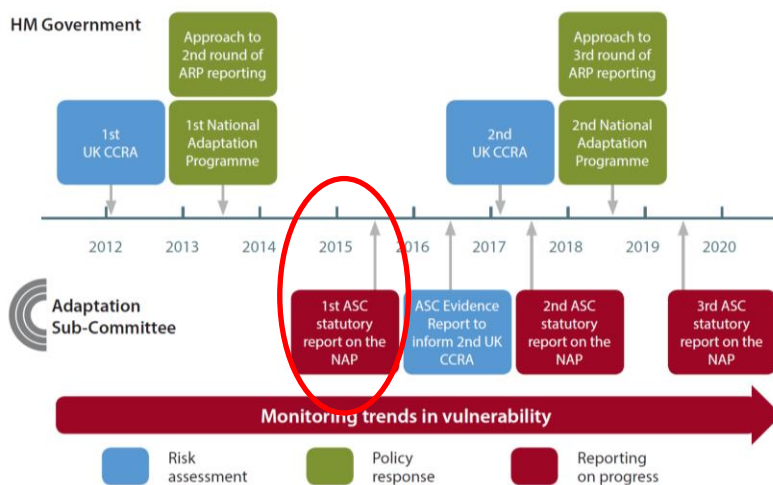
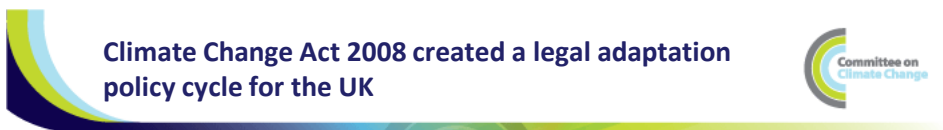
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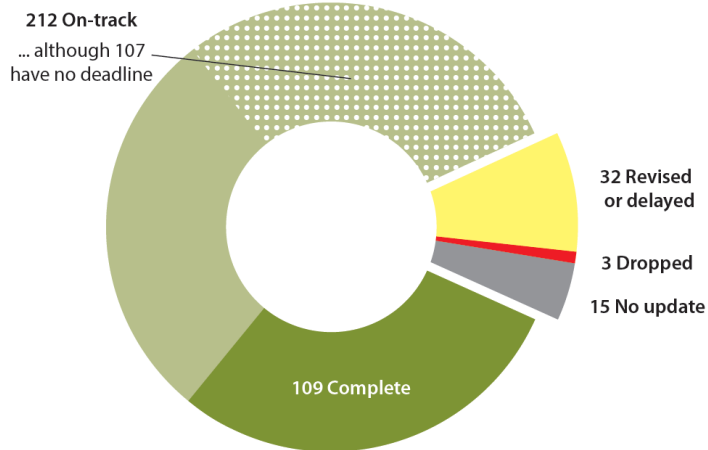
11th May 2016

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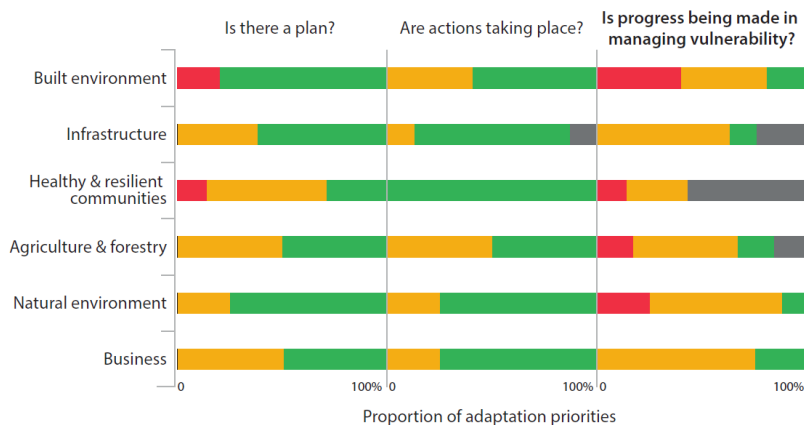
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UK NAP (2013): Over 370 actions, which are mostly being delivered...



Source: ASC (2015) *Progress in preparing for climate change*

...but progress is not being made in managing vulnerability in many areas.



Green: plans are in place, actions are being delivered, progress is being made
Amber: adaptation priority has been partially addressed, some evidence of progress in some areas
Red: plans and policies, delivery of actions, or progress in addressing vulnerabilities, are lacking
Grey: insufficient evidence to form a judgement

Source: ASC (2015) *Progress in preparing for climate change*

We evaluate progress using a combination of indicators and policy analysis (e.g. Built Environment theme)



Overview of progress			
Adaptation priority	Is there a plan?	Are actions taking place?	Is progress being made in managing vulnerability?
1. Community-scale flood alleviation	Green	Green	Amber
2. Surface water flood management	Green	Amber	Red
3. Avoid inappropriate development in flood risk areas	Green	Green	Amber
4. Residual flood risk to existing properties	Red	Green	Red
5. Heat-related health impacts (covered in Chapter 4: Healthy and Resilient Communities)	Amber	Green	Red
6. Water demand in the built environment	Green	Amber	Green

Source: ASC (2015) *Progress in preparing for climate change*

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We mainly use indicators to assess key trends (e.g. surface water flood management)



Measure	Data series	Source	Trend	Implication
Area of natural / permeable surfacing in urban areas	2001-2011	OS Mastermap	↓	Loss of permeable surfaces is increasing pressure on aging public sewer system.
Uptake of SuDS in new development		N/A		There is no national monitoring of SuDS uptake in new development.
Installation of permeable paving	2009-2013	Jenco (2014) for ASC	↑	Increase from 6% in 2009 to 10% of all block paving sales in 2013, but uptake is still well below the potential.
Funding for local flood risk management	2011/12 - 2015/16	Local Government Association, Defra	↓	Some of the funding provided for lead local flood authorities is being diverted by councils to other local priorities. Defra has reduced grants to LLFAs by £5 million from 2015/16.
Number of lead local flood authorities with published local FRM strategies	2012/13 to 2013/14	Environment Agency	↑	Number of lead local flood authorities that have published strategies has increased, but rate of progress is slow.
Number of households flooded internally from sewers		Ofwat	↔	No clear trend in the number of internal sewer flooding incidents, which will be weather-dependent to a large degree.

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Independent advice to UK Government on preparing for climate change