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ENVIRONMENT CABINET MEMBERS' MEETING

Flood Risk Management

18th July 2017

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Climate Change – Are we prepared?



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- Intense and more frequent summer storm

Stormydd garw dros yr haf

- Increase in the number of coastal surge and storms

Rhagor o lifogydd a stormydd arfordirol

- **Unpredictability**

Tywydd nad oes modd ei ragweld



STUART WILLIAMS



Human dynamics



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- **Population growth**

Twf y boblogaeth

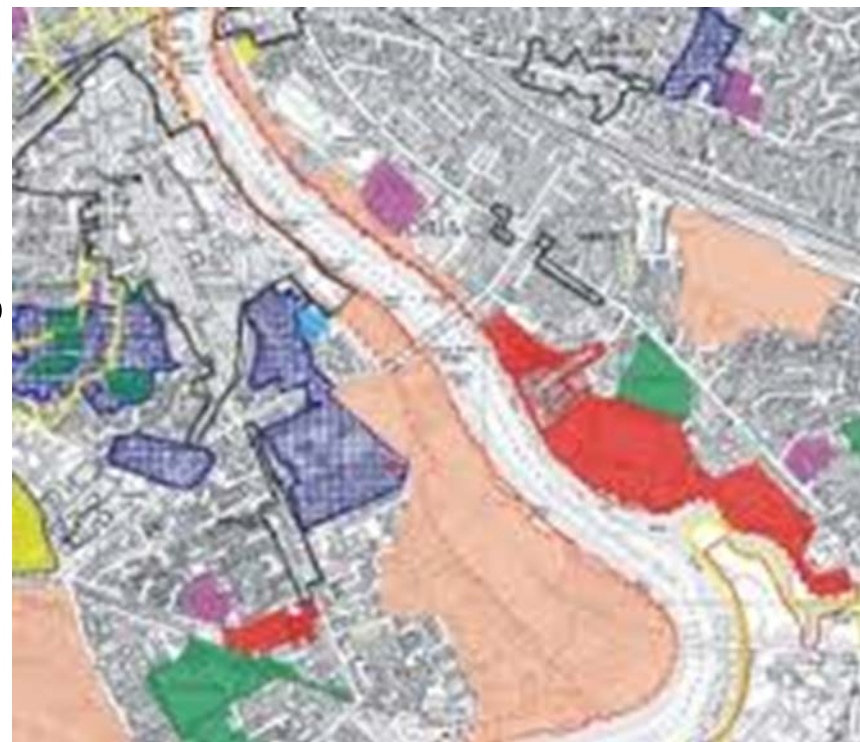
- **Ageing population**
poblogaeth sy'n heneiddio

- **Increase in developments**

Rhagor o adeiladu

- **Increase pressure on urban environments**

Pwysau trymach ar ardaloedd trefol



Legislative Framework



- **Flood Risk regulations 2009**

Rheoliadau Peryglon Llifogydd 2009

- **Flood & Water Management Act 2010**

Deddf Rheoli Llifogydd a Dŵr 2010

- **Well-Being of Future Generations Act**

Deddf Llesiant Cenedlaethau'r Dyfodol

- **National FCERM Strategy**

Strategaeth Rheoli Peryglon Llifogydd ac Erydu Arfordirol

Managing risk or reducing consequences?



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- **Public misconception / Camdybiaeth ymhlith y cyhoedd**
- **Building higher defences is not the solution**
- **Long-term Strategy required for a long-term problem**
'Requirement for local government to demonstrate how they are planning for the long term in a preventive and collaborative way'
- **Adequate planning decisions- Are we learning from past mistakes?**
- **Caniatâd cynllunio priodol - Ydyn ni'n dysgu trwy ein camgymeriadau?**



Raising awareness of and engaging people in the response to flood risk- Integration

- **Historical reliance on NRW**

Dibynnu ar Gyfoeth Naturiol Cymru

- **Public expectations**

Disgwyliadau'r cyhoedd



- **Communities have to become more resilient**

Rhaid i gymunedau fod yn fwy cadarn

Short-termism vs resilience

Tymor byr neu gadernid hirdymor

Match-funding

Arian cyfatebol

Reliance on ESD Grant and complexity

Dibynnu'n ormodol ar y grantiau, cymhlethdod

A Prosperous & Resilient Wales



- **Better understanding of risk needed for efficient use of evidence**

Rhaid deall peryglon yn well er mwyn defnyddio'r dystiolaeth yn effeithlon

- **Through prioritising investment in the most at risk communities**

Blaenoriaethu buddsoddi lle mae'r peryglon mwyaf

- **Risk based FCERM Capital programme**

Rhaglen gyfalaf yn ôl peryglon priodol

To summarise.....



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**Flooding and its impacts will not go away
but are likely to increase**

- **Invest in human capital and develop a long-term strategy**
 - Buddsoddi mewn cyfalaf dynol

- **Cannot compromise communities' sustainability and viability for short-term gains**

Peidiwch ag amharu ar gynladwyedd a hyfywedd cymunedau
ar gyfer buddion tymor byr

- **Together stronger**

In the pipeline



- Review of National Strategy in 2018
- Review of TAN14-15
- Consultation on SuDs
- Coastal Adaptation toolkit

Words from the wise



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‘Insanity is doing the same thing over and over again and expecting different results’

‘The most difficult thing is the decision to act, the rest is merely tenacity’



Environment Cabinet members' meeting

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