

Working Together to Adapt to a
Changing Climate –
a group simulation exercise

What we hope to achieve:

- Increase awareness about climate change and flood risk
- Explore the challenges and potential for collaborative decision making
- Support you to understand different positions and perspectives
- Take into account options, costs, data and opinions to put forward a package of agreed recommendations.
- Reflect on the simulation activity to learn lessons

Running order:

Introductions

The simulated Springhill Flood Exchange Meeting

Simulation ends

Debrief / reflection for working group to develop the coastal simulation

Finish

The rules of the game!

- Don't worry! Have fun
- No right and wrong answers – contribute what and when you can
- Stay true to your role – it's not your personal opinion
- Represent the preferences you have for options and funding sources
- Draw on the information you have when making points and decisions
- You can improvise and modify options when there are no specific guidelines, but they must be realistic
- Contribute and let others talk, respect others' views, keep an open mind, be as succinct as possible

Springhill Flood Exchange Meeting

Welcome



Purpose of today's meeting

Agree how to reduce the town's vulnerability and increase its capacity to respond to surface water flooding

Recommend to Springhill Council a package of measures for addressing current and future flood risk.

The Flood Exchange: challenges

Doing nothing will make flooding worse

An urgency for a flood investment plan

Not enough existing budget to do everything needed

The budget can be increased but with consequences elsewhere

Need to involve all sectors of the community



Do nothing



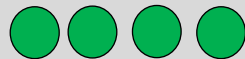
Cost:



Property Flood Resilience



Cost:



Community awareness building



Cost:



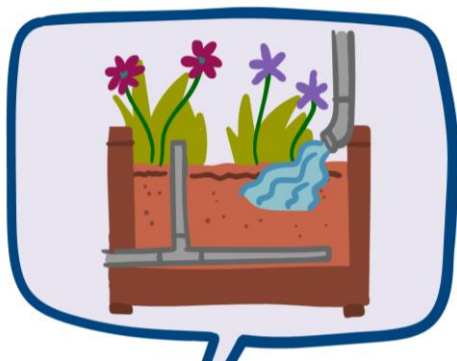
Springhill Park water storage



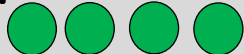
Cost:



Sustainable drainage – homes and businesses



Cost:



Community based flood resilience



Cost:



Catchment wide – Slow the flow



Cost:






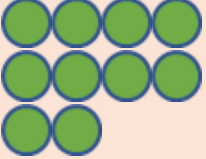



Remove permitted development rights



Cost:



Funding source	Funding available
Use existing local authority budget for flood risk management	
Increase council tax to pay for flood risk measures	
Reallocate budget from other areas of council spending – e.g. social services, recreation and public space	
Use the ‘community infrastructure levy’ (levied on new developments – funds can be used for community benefit projects)	
<p>Government grants – time consuming and no guarantee of success</p> <p><i>To pursue this option you need to allocate 1  . Later in the game you will find out whether or not our funding bid is successful. You will only be able to allocate this budget if your bid is successful.</i></p>	
Self funded by residents, businesses or community projects	

Debrief –
some
questions for
reflection

1. The most interesting thing I have learned from taking part...

2. A question that the simulation has raised for me...

3. Something I will try to take back into our a real-life situation...

Further information

These resources were created as part of the research project 'Working together to adapt to a changing climate: flood and coast' (FRS17192)

Managed by the Flood and Coastal Research Team at the Environment Agency

Project webpage: <https://www.gov.uk/flood-and-coastal-erosion-risk-management-research-reports/working-together-to-adapt-to-a-changing-climate-flood-and-coast>

Project contractors: Icarus

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