



Adaptation planning

Step 4 - Identify adaptation measures



Identifying adaptation measures

We will now explore, evaluate and appraise potential adaptation measures to respond to the risks we have previously identified.

Firstly, a longlist of measures will be created, using six adaptation types. Through careful appraisal, the brainstormed longlist will then be narrowed down and reduced into an *Adaptation Measures Register*.

To explore as wide a range of adaptation measures as possible, we will identify as many as we can think of, regardless of how realistic they are.



Identify adaptation measures

Adaptation is “the process of adjustment to actual or expected climate and its effects.”



Reduces exposure to hazard

Reduces vulnerability to hazard

Removes historic place or its elements from hazard

Prepare and respond to damage by repair or rebuilding

Develop capacity to cope with loss of historic place

Reduces uncertainties of risks



Protect historic place

PROTECT
historic place

... from the consequences of potential hazardous incidents, by reducing or eliminating the place's exposure to the consequences. Such adaptation measures are generally installed in the surroundings of the place (and not to the place itself).





Strengthen historic place's material fabric

STRENGTHEN
historic place's
material fabric

... to withstand better the consequences of potential hazardous incidents, by reducing the place's vulnerability to the consequences. Such adaptation measures will be installed directly to the historic place, thereby altering it.





Relocation historic place or its elements

RELOCATE
historic place
or its elements

... to remove it from the consequences of potential hazardous incidents. Relocation is preventive adaptation measure, which moves the place's material fabric from its current context and location and risks fabric damage.



Respond to damage to historic place

**RESPOND TO
DAMAGE**
to
historic place

... which can be rapid / sudden
or a longer-term process.
Corresponding adaptation
measures include response
preparedness, repair and
reconstruction.



Manage loss of historic place

MANAGE
LOSS
of
historic place

... which can be rapid / sudden or a longer-term process. Corresponding adaptation measures include bereavement community counselling, making accessible replicas and doing nothing, all to develop capacity to cope with loss of the historic place.





Investigate historic place and its environment

MANAGE
UNCERTAINTY
at the historic
place

... to support the evaluation of, decision-making regarding and design and implementation of further adaptation options. This helps reducing the uncertainty about a place's future and to inform decision-making.





Group work – Identifying adaptation options

Using the risk ranked highest in the previous discussion, identify adaptation options for each adaptation type, creating a longlist of measures.

Adaptation type	Impact intensity change?		Vulnerability change?		Severity	Likelihood change?		Risk
	Description	Rating	Description	Rating	Rating	Description	Rating	Rating
PROTECT								
STRENGTHEN								
RELOCATE								
RESPOND TO DAMAGE								
MANAGING LOSS								
MANAGE UNCERTAINTY								



Group work – Adaptation options applied

Applying the adaptation options identified, please describe the change to impact intensity, vulnerability and likelihood as used in the previous session and recalculate the associated risk rating.

Impact intensity change?		Vulnerability change?		Severity	Likelihood change?		Risk
Description	Rating	Description	Rating	Rating	Description	Rating	Rating



Adaptation planning

Step 5 - Develop adaptation strategy



The Climate Risk Management Plan

Lastly, all findings will be summarised by collating key tables from the assessments in a *Climate Risk Management Plan*.

The plan will consist of the following chapters:

Report cover
Executive summary
Summary of risks
Summary of adaptation measures
Appendices
Hazard Register
Risk Register
Adaptation Measures Register



Limitations



For ease of use in a workshop scenario, the slides have followed the Standard Level assessment only. For Advanced and Advanced Plus Level assessments, please consult the *Assessing risks and planning adaptation* guide.

Though not part of the ANH guidance, the resulting *Climate Risk Management Plan* can be incorporated into existing policies, such as management and conservation plans, and suggested adaptation measures then implemented.



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