

## Case Study



# Introduction to the case studies

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Increasing resilience to the impacts of climate change is a challenging process, and especially so when trying to deliver critical services with limited resources.

Knowing the changing risks of these impacts is important in building resilience though identifying this change is not simple.

Whilst these toolkits may vary slightly in what different steps are called or what they specifically entail, there is a general consensus that adaptation is usually conceptualised as a cycle including (a variation of) the following steps:

- Getting started – Preparing the ground for adaptation
- Climate change risks and vulnerabilities
- Identifying adaptation options
- Implementing adaptation options
- Monitoring and evaluating adaptation options

Tools that represent a version of this cycle are considered to be simple decision-making framework that break the adaptation process down into a number of more manageable steps. In addition to the different tools and frameworks available, the Met Office has launched the Local Authority Climate Service (LACS) that identifies climate change impacts to a specific Local Authority in the UK.

Following a series of interviews with Local Authority climate officers in England and Scotland, it was possible to see where the LACS tool had been used in a range of ways to support their adaptation planning. Taking these activities, it is possible to map them onto the adaptation cycle to begin seeing where, and how, the LACS tool could be used.

The case studies shown here can be seen as examples of what has worked in different local and combined authorities when using the LACS tool to help with the adaptation planning process. In particular they focus on 3 stages of the process:

- Step 1 – Getting started
- Step 2 – Climate change risks and vulnerabilities
- Step 3 – Identifying adaptation options

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