



**Canal &
River Trust**

Making life better by water

Environmental – Montgomery Canal Case Study

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Environmental Sustainability – what do we mean?

Natural Resources

Health & Well-being

“The preservation of **natural resources** so that a **balance** is struck
between their use compared to their availability.”

People

“Meeting **today's needs** without compromising the ability of **future
generations** to meet their needs”.

Forward looking

Responsibility

Case Study – Environmental Sustainability on the Montgomery Canal



- Montgomery Canal
 - 1968 classed as a remainder waterway
 - 2004 designated as a Special Area of Conservation (SAC)
- Montgomery Canal & Conservation Management Strategy - partnerships
- Restoration where conservation interest and navigation are balanced

Map of Montgomery Canal

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map not to scale:
covers approx. 32½ miles / 52km

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Montgomery LUF project



- £15m of LUF funding awarded in 2021
- Work within the Conservation Management Strategy
- Restoration alongside the protection of internationally significant natural habitat

- 2 new bridges
- 4 miles of bank and dredging works
- 3 potential nature reserves
- 1 aqueduct

- Concept for 2 major crossings





- Mitigation – reducing the negative impact that an activity will have on the natural features of a site
- Baselineing
- Montgomery Canal in England
 - Site of Special Scientific Interest
 - Creation of equivalent open water reserve habitat
 - Propagation & natural establishment
 - Management



- Wider works to restore a canal E.g., dredging, bridge realignments
- Challenges of the individual site
 - Designations for nature
 - What does our baseline show will be affected?

1. Identify what it is that needs protection

E.g. Nesting birds



2. How could my activity impact this feature?

E.g. Noise disturbance, direct harm from machinery.



3. What measures could I put in place to reduce or stop this impact?

E.g. Performing works outside of breeding season.



4. Am I confident that my measures will work?

Yes



- 25 minutes to discuss in small groups/tables:
 1. What features need protecting on your projects? (use the Montgomery as a case study if you need to)
 2. What activities are you carrying out that could have an impact on this feature?
 3. What are the potential impacts?
 4. How would you go about mitigating for this impact?
 5. How confident are you that your mitigation would work?
- 10-15 minutes to feedback

Q & A