



## Welcome to the Project

Tidal flooding has been a long-standing problem for the communities of Barton, Barrow and New Holland. Previous tidal flooding incidents, such as that of 5 December 2013, highlight the need for improved tidal flood defences and increased community resilience.

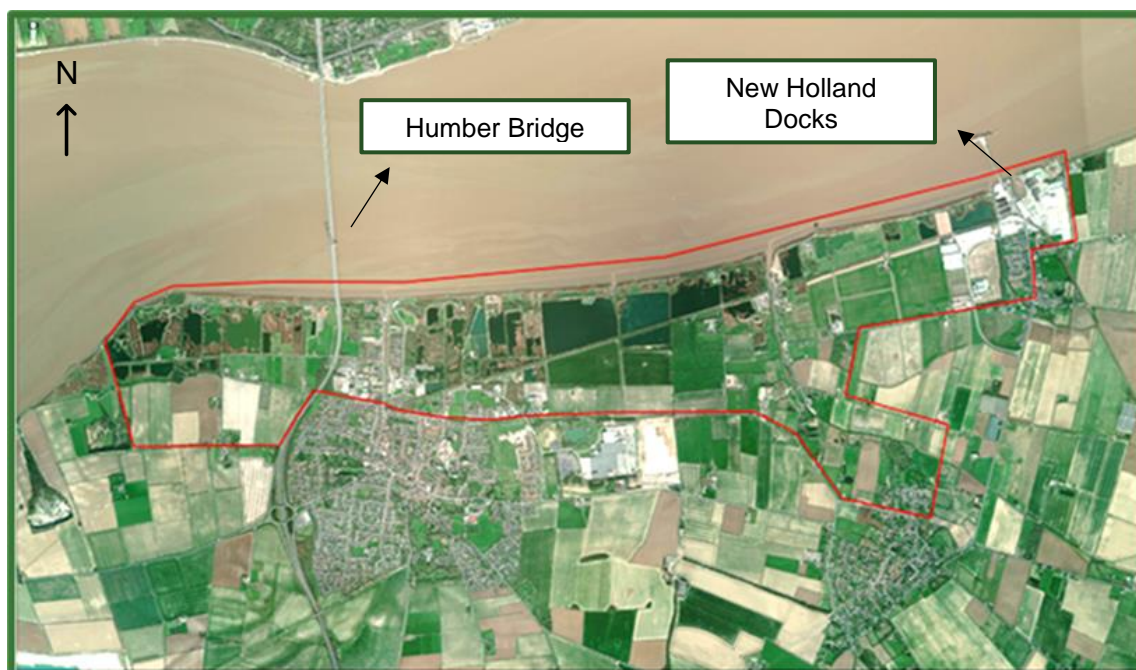
This scheme is developing an approach to alleviate tidal flooding which has community resilience, sustainability, and adaptability at its core.

## Project Update

We have continued to make good progress since our last project newsletter, issued in March 2024.

In this edition of the newsletter, we report on how we plan to strengthen flood defences through our proposed solution.

We also have the latest updates from our on-site surveys and information on how we have been engaging with communities over the past few months.



**Figure 1:** The red line on this map shows the extent of the project study boundary.



## Proposed Solution

The Environment Agency has been working with its partners to develop solutions to reduce tidal flood risk to Barton, Barrow and New Holland. Flood modelling has been undertaken to understand and identify the area at risk of flooding and the associated economic damages.

Based on our findings and feedback from the community, we have developed a proposed solution that is both highly effective and deliverable within the economic constraints of the project.

The proposed solution focuses on raising and strengthening existing defences by introducing a new type of revetment to the seaward face.

The proposed, improved revetment is an Open Stone Asphalt structure along the existing bank. Its main purpose is to absorb the energy of incoming water and prevent erosion, protecting land from being washed away by strong waves or currents.

This will reduce the risk of tidal erosion in areas where there is less natural protection. By raising the banks, we will also reduce the risk of flood water overtopping the defences.

Additionally, we will look at carrying out extensive improvements to the crest (the highest point of the banks) and footpath. This will not only increase erosion resilience, but also improve maintenance access and the public amenity of the coastal footpath.

## On-Site Surveys

Since June, our team has been conducting Biodiversity Net Gain (BNG) as well as

ecology surveys to gather data on the local environment.

These surveys help us to identify key species living and breeding in within the project area. The collected data will help us to pinpoint sensitive areas, understand how potential options might affect local wildlife, and adapt our plans to protect their habitats.

Past bird surveys identified a total of 53 species, 9 of which are red listed, meaning that they are considered to be at high risk of extinction, and are endangered in the UK, Channel Islands and Isle of Man.

Our bird surveys will continue to take place over the coming months.



**Figure 2:** A habitat survey site

We would like to thank the landowners for their understanding and continued support for the project and for allowing our surveyors to access their properties.

If you have any concerns, please get in touch via the project inbox.

## Engagement Updates

Following our engagement events in February 2024, where we shared our progress to date and sought feedback our proposed options, we have continued to

**Email:** [BartontoNewHollandFAS@environment-agency.gov.uk](mailto:BartontoNewHollandFAS@environment-agency.gov.uk)

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update and meet with community members.

In July, we held meetings with the Steering Group and the Resilience Advisory Group (RAG) to help with the assessment of options, and better understand how they will benefit and impact the wider community.

The Groups are made up of residents and representatives from organisations such as Natural England, Lincolnshire Wildlife Trust, North Lincolnshire Council, and internal drainage board authorities. Collaborating with subject matter experts with local knowledge provides an opportunity for us to have informed discussions on the project, and understand and action potential concerns

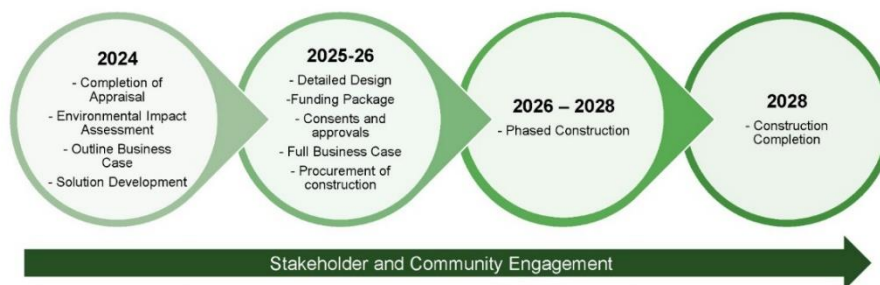
At the July meetings, we shared key themes from our engagement events in February, latest updates on our surveys, our proposed solution to strengthen flood defences and how we are fulfilling our legal requirements.

Our next RAG meeting will be held in October 2024.

For more information on the RAG as well as opportunities to get involved, please contact our project team at [BartontoNewHollandFAS@environment-agency.gov.uk](mailto:BartontoNewHollandFAS@environment-agency.gov.uk)

### Project Timeline

The scheme is on track to begin phased construction by late 2026 and reach completion by 2028.



**Figure 3:** The Resilience Advisory Group meeting held in June at the Water's Edge Visitor Centre in Barton

### Next Steps

- Our teams will continue to carry out wider ecology surveys through the month of August and September. We have sent letters to all impacted landowners. Additionally, surveyors will carry ID and a letter outlining their access rights.
- We will be undertaking a gap analysis to help identify the need for any future phases of Site Investigation and surveys (e.g. GI, topographic surveys, GPR etc).
- The Environment Agency will continue to seek partners for local funding contributions to help with the delivery of the project and for additional local enhancements.

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## Get Involved

We strive to keep communities well informed with all latest project updates.

All information about the project as well as any updates are also available on our Citizen Space website available here:

[Barton to New Holland Tidal Flood Alleviation Scheme - Information Page - Environment Agency - Citizen Space \(environment-agency.gov.uk\)](https://www.environment-agency.gov.uk/citizen-space/barton-to-new-holland-tidal-flood-alleviation-scheme)

A repository of all information presented at our engagement events in February can be found on our virtual engagement webpage:

<https://barton-to-new-holland-tidal-fas.virtual-engage.com/>

For any other questions or concerns, or to get added to our mailing list, our project team can be contacted via: [BartontoNewHollandFAS@environment-agency.gov.uk](mailto:BartontoNewHollandFAS@environment-agency.gov.uk)

