

This newsletter is given to interested parties within the Humber area. It provides an update on the development of a new strategy for managing tidal flood risk around the Humber. If you wish to receive this newsletter or would like further information please contact us at [HStrategy@environment-agency.gov.uk](mailto:HStrategy@environment-agency.gov.uk)

### Humber 2100+ Strategy

Climate change is the biggest threat we face on the Humber. If unmanaged, sea level rise and extreme weather could have catastrophic consequences for local communities, the environment, the economy and key infrastructure. The Environment Agency is working in partnership with 11 local authorities, supported by Internal Drainage Boards (IDBs) and Natural England to develop **Humber 2100+** - a new strategy for managing tidal flood risk (including tidal rivers), setting the way forward for the next 100 years. For more information, please visit our [StoryMap](#) on the Humber 2100+ strategy <https://arcg.is/u1rPj>



## Strategy Update

**Recap** Previously the Humber **community panel** been successfully concluded, and work had restarted on the modelling.

The project is continuing to progress work on the modelling for the future baselines, and the second batch of model outputs has now been shared with partners. The next step will be to develop the final endorsement report, which will allow partnership decision makers to review all of the Step 1 outputs for endorsement in early 2025. The endorsement refers to having a consensus / agreement amongst partners about the scale and impact of future risk which can inform decisions taken in the next steps of the project.

The scope for the design phase of the Humber Adaptation Pathways project is currently being finalised, with work due to commence during the autumn. This will provide Humber 2100+ with a method and approach for developing an adaptation pathway for the Humber.



Following the completion of the Community Panel, the team have been working to consider how their recommendations can be incorporated into the project. Proposals for this have been shared with partners via the Elected Members Forum in September.

### [Outstrays to Skeffling Managed Realignment \(OtSMRS\)](#)

For further information visit: [Outstrays to Skeffling Managed Realignment Scheme - Citizen Space](#) or get in touch with the team: [Welwick.Skeffling@environment-agency.gov.uk](mailto:Welwick.Skeffling@environment-agency.gov.uk).

Work on site is starting to wind down as we approach the end of the season. We have now breached the site, and throughout the high tides in August water entered the site through the breach area, as expected. However, as the tide went out, some water stayed. This water gradually seeped out, but additional work is being done to increase the flow of water out and make it truly intertidal. Although erosion may do this naturally over time, to give it the best start some additional intervention is required to ensure creation of the saltmarsh and mudflat habitat as intended.



*Truxor widening trench on saltmarsh*

Access to the public footpaths around the site is via the new bridleways and ramps, with bird hides now in place. We are working closely with Association of British Ports to create a partnership agreement for the joint management of the site. Work is continuing for tenders to be submitted for future site maintenance and monitoring.

We are now working on Skeffling Pumping Station (SPS). Works have continued to install piles to the pumping station structure and the site will now shut down for the winter period before resuming in spring 2025.

There will also be work on Winstead Pumping station which will be done in parallel with Skeffling pumping station works to maximise efficiency. The planning application for this project has now been approved and some supporting works are being undertaken to manage the programme.

### [Middle Humber – Capital Maintenance Programme \(MH-CaMP\)](#)

The MH-CaMP will help inform and direct the current FCRM capital programme for the Goole and River Ouse area and help manage any future investment and funding ahead of completion of the Humber 2100+ Strategy. Proposed work on the Middle Humber programme will start with an initial 'bundle' of 3 work packages, located on the left-bank of the Dutch River upstream of Goole and either side of the River Ouse at Reedness and Yokefleet. The business case was approved in July and the project team are finalising a few elements to enabling progress on the first bundle of work.

### [Beckingham Marshes](#)

No new update, however, the project team are continuing to develop the Strategic Outline Case (SOC) which is aimed at reviewing, repairing, or potentially replacing a dewatering structure that is coming to the end of its life and compliance with reservoir act. Investigation works and analysis are ongoing and supporting the funding allocation.

## [Barton - New Holland Tidal Flood Alleviation Scheme](#)

For further information visit - [Barton to New Holland Flood Alleviation Scheme](#)

The project team has worked hard to develop the project appraisal to create a robust value-for-money outline solution. In the outline design, improving the Humber flood embankment's resilience remains the main approach, however, as part of an adaptive approach to managing the flood risk, future enhancement measures are also being considered (including cross bunds). These changes have enhanced the Grant-in-Aid (GiA) funding and reduced the additional funding contribution needed. The business case is expected to be submitted spring 2025.

The project team are collaborating with North East Lindsey Internal Drainage Board to explore the extent of the local repairs. They have also shared the outline design with both the project's Steering Group and Resilience Advisory Group as part of ongoing engagement with community representatives. Further engagement is ongoing with Natural England and North Lincolnshire Council regarding the significant ecological and planning constraints respectively. Surveyors have commenced the Biodiversity Net Gain (BNG) ecology surveys and are determining the extent of the ground investigations expected over the winter months.



*Aerial view of Barton-upon-Humber estuary frontage looking eastwards*

## [Stallingborough Phase 3 sea Defence Improvements](#)

Good progress has been made placing the rock armour over the existing revetment. The rock is being placed efficiently, so the project team are exploring opportunities to utilise the spare rock on other local projects in collaboration with others. Revetment sealing is now completed.

The outfall improvements designs continue to be developed. Channel desilting works along Oldfleet Drain will be completed by the end of October in collaboration with NE Lindsey IDB. The upstream outfall improvements at Mawmbridge and Middle Drains are ongoing and are also expected to be completed before end of October.



*Rock armour installation*



*Rock armour placement underway*

A stakeholder engagement event is taking place in mid-September. All regulatory and partner organisations are invited, together with local Councillors, Parish representatives and landowners. In addition, the Jacksons team have undertaken some community engagement with local schools over the last few months. A site tour for various EA teams was arranged in mid-July.

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[www.gov.uk/environment-agency](http://www.gov.uk/environment-agency)

The project remains on track to deliver significant structural integrity and tidal resilience to this vital coastal flood defence by late summer 2025.

## Working in Partnership



## Mini Community Panel Style Workshop

In our last issue we highlighted the wonderful work the Living with Water (LWW) flood ambassadors do. The flood ambassadors are a team of Hull and East Yorkshire (HEY) volunteers who have been training in aspects of flooding.

In 2023, the LWW ambassadors donated 125 official hours, to continue building positive relationships, community confidence and flood resilience. As part of the programme of events they have been doing, the Humber 2100+ team delivered a shortened version of their recent community panel to the ambassadors. This was also a useful trial to see if we could use elements of panel process to create a more engaging training session. Our aim was that the ambassadors should be able to take what they have learned in the session to better articulate the problems associated with tidal flooding within their capacity as flood ambassadors.

This wasn't a true community panel, as we didn't ask the group for any recommendations. However, we used the structure and engagement techniques demonstrated in the community panel condensing the 11+ hours into around 2-hours. We presented the group with information about a range of issues related to managing tidal flood risk, using short video clips from the community panel presentation. We then encouraged them to think about what these issues might mean for local people and businesses, using a simplified version of the 'place-based personas' developed for the panel.

The participants responded quite well to the video clips and place-based personas and the outcomes from their discussions fitted similarly to the outputs from the Community Panel, focusing particularly on areas around community engagement, development and planning.



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## How resilient are you?

### Are you prepared for future floods?

Although defences reduce the likelihood of flooding, the risk can never be removed entirely. To begin to be more resilient take some simple practical steps to help reduce the impact of flooding to your home or business.

To find out if you are at risk, how to prepare, stay safe and sign up (free) for flood warnings visit [www.gov.uk/flood](http://www.gov.uk/flood) or call Floodline on **0345 988 1188**.



<https://consult.environment-agency.gov.uk/humber/strategyreview>

See our previous newsletters [here](#)



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