

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** had been planned and was about to go ahead and further work was ongoing to rectify the modelling issues.



*Community Panel presentation by Coilin Mellors*

The team have recently successfully completed the Humber Community Panel. As a reminder, this involved working with a group of 19 people who were recruited to form a cross-section of the demographic profile of the area. The panel met four times during April and heard from a variety of witnesses on the risks and impacts of

tidal flooding. They then worked together to develop a set of recommendations around the question 'What should we take into account in plans to manage tidal flood risk in your area?'. These recommendations will be used to inform the partnership's approach to developing different ways to manage tidal risk, now and in the future. Wider learning from the panel process will also help to shape ongoing engagement with those living and working around the Humber as the project progresses. Additionally, it will influence wider national thinking on this issue as well.

Work has now restarted on the future baseline modelling, and after resolving a few issues the first batch of model outputs have been shared with partners. The second batch of modelling will progress through the summer, and we anticipate the final outputs will be presented for endorsement in early 2025.

The team have been progressing a request for further approval to spend for the project, and this work has been assisted by a successful workshop held with officers in March to establish future resource requirements.

Work has also been continuing to develop the scope for the upcoming design phase of the Humber Adaptation Pathways project (HAP), which includes development of a digital tool to support decision making.

## Scheme Updates

Click titles to find out more

### [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).

The final year of construction for the managed realignment site is well underway. The site has dried out considerably following the very wet winter. However, some areas still remain susceptible to wet weather. The installation of the bird hides continues, whilst the laying of flexible paving to the bridleway ramps has been postponed until later in the summer to protect the flexipave while other works are completed.

The footpath along the existing embankment is now closed, diverting pedestrians along a section that includes some of the new footpath created as part of the scheme. Final works in the terrestrial habitat are almost complete and the breach works have begun with the embankment beginning to be lowered and the saltmarsh foreshore beginning to be excavated. Relevant approval is in place to continue this throughout August.



*New Bird hide*



*On going breach work*

Work is ongoing to allow tenders to be submitted for future site maintenance and monitoring. The associated partnership agreement is being created with ABP to ensure a joint arrangement for the site manager to look after the whole site.

The Skeffling Pumping Station (SPS) replacement received planning approval in March and final designs are being completed. Also, Winestead pumping station replacement is moving forward and is intended to work alongside to maximise efficiencies and to utilise the local knowledge of the design and construction team.

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

In the continued development and delivery of the MH-CaMP, the team have been working hard and following discussions with the Large Project Review Group, the strategic outline case (SOC) has been submitted and is progressing. An overarching approval is expected for the sub-programme approach before the end of June, allowing for the team to progress with the first ‘bundle’ of projects.

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The 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.

### [Beckingham Marshes](#)

The project team are continuing with a proposal aimed at reviewing, repairing, or potentially replacing a dewatering structure that is coming to the end of its life and compliance with reservoir act.

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

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

The project team continues to work hard together to develop the project appraisal. Due to additional complexity and refinements there has been a delay to the original programme.

However, following feedback from the successful community events, the project team have now agreed the Preferred Option and scheme extent. Improving the flood embankment's resilience remains the priority, and in balancing the challenges we intend to alter the defence heights slightly at some locations to those presented at the community events. Further refinement will inform the reduction in risk to the communities and the economic benefits available.

The contractors are continuing the outline design and will shortly be starting the Biodiversity Net Gain (BNG) ecology surveys. The project team also continues to explore the options to obtain the expected significant Partnership Funding.

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

The contractors are making very good progress in installing the rock armour over the existing revetment, and have been able to be efficient, saving rock. The revetment sealing is expected to start soon, to aid resilience, with completion expected by the end of September.



*New rock armour installation*

The design of the outfall improvements continues with the contractors and project team. The channel desilting works aim to be completed this year, subject to securing the relevant licenses. However, the overflow structure will be completed next year, as there are technical and regulatory complications that need to be worked out.

At New Cut Drain outfall, access is hampered by major sewer pipes, discussions with Anglian Water to work out the best route, and risk mitigation for both construction and permanent access. However, the culvert investigation works are due to commence shortly. The remaining upstream outfall improvements at

Mawmbridge and Middle Drains are expected to be completed this year.

A stakeholder engagement event was planned for early June and was postponed till September due to the pre-election period. However, 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



## Living with Water Ambassadors



Living with Water (LWW) is a **partnership** between Yorkshire Water, Hull City Council, East Riding of Yorkshire Council, the Environment Agency and the University of Hull. A key objective is to **build resilience** through raising awareness of flood risks within communities, delivering practical advice and information to help local people protect their homes and businesses so they **feel safe**. Our aim is to achieve a year-on-year reduction in flood risk.

To continue building **positive relationships, community confidence** and **flood resilience**, a team of Hull and East Yorkshire (HEY) volunteers have been trained as LWW ambassadors. In 2023, the LWW ambassadors **donated 125 official hours**, as well as the many occasions where they have shared their knowledge and experiences with their friends and neighbours in an unofficial capacity. The ambassadors have participated in community events, playdays, Virtual Horizons plays to discuss flood resilience (FR), helped develop a FR board game and have been contributed to a range of projects.



*LWW ambassadors training*

This year, there will be an annual **programme of events** and training for the ambassadors, to build on their knowledge, and so they can follow their areas of interest. The programme includes, a guided tour of Tophill Low Nature Reserve, a talk at the Humber Tidal Barrier and a session about Hull's history of water with Dr Hannah Worthen from Risky Cities. They will also be hearing about tidal risk from the H2100+ team!

**People and communities are at the heart of change, and Living with Water are trying to encourage positive perception and action changes for the benefit of these communities, now and in the future.**

## 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](https://www.gov.uk/flood) or call Floodline on **0345 988 1188**.



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



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