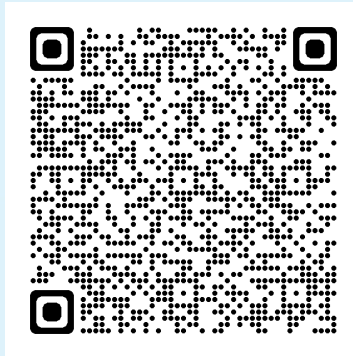


Further information about the proposed scheme is available from:

Citizen Space: Search - **Barton to New Holland Tidal Flood Alleviation Scheme.**

Or Scan the QR Code



If you were unable to attend the event a **Virtual Event will be available online from 26th February 2024** - Link available on Citizen Space.

If you would like to speak to someone about the scheme please email:

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

And a member of the project team will respond.

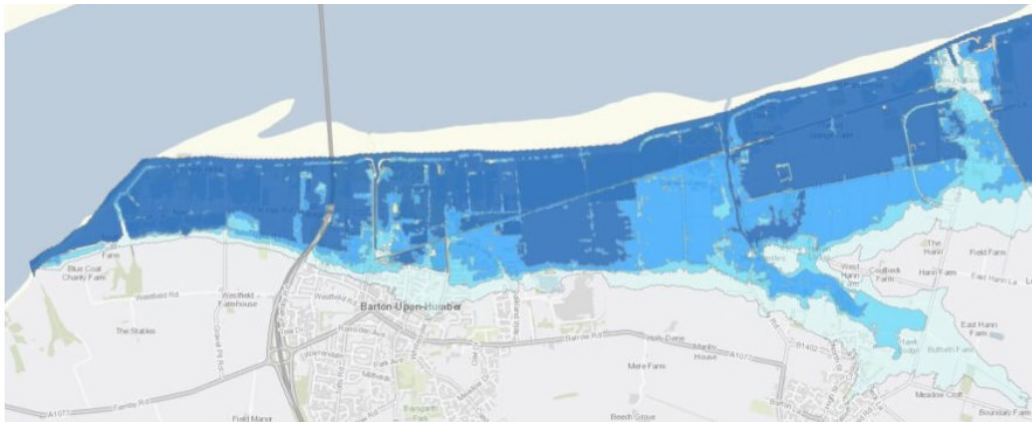
## Barton to New Holland Tidal Flood Alleviation Scheme



**New Holland 20th February**  
**Barton Upon Humber 22nd February**  
**Barrow Haven 23rd February**

## The Project

Barton Upon Humber to New Holland is a low lying stretch of the Humber Estuary. The existing flood defences did a good job of protecting Barton and New Holland from the 2013 tidal surge. Barrow Haven was not so fortunate and there was extensive flooding during this event. The present day defences were built sometime ago to different standards to those used today. They are likely to be insufficient to deal with rising sea levels. Extensive survey work has revealed dips and structural weakness in some of the existing banks. A new flood protection scheme, costing at least £35m, is proposed to better protect this stretch of the Humber. If there are no improvements to the flood defences the position by 2121 might look like Figure 1 below. There is a risk of serious flooding before then. This project focuses on impacts of tidal flooding, we are working with North Lincolnshire Council to develop projects to address other sources of flooding.



**Figure 1. Baseline Tidal Flood Risk Map**

### Legend

- Baseline Flood Risk 2022 - 0.5% (Annual Exceedance Probability)
- Baseline Flood Risk 2056 - 0.5% (Annual Exceedance Probability)
- Baseline Flood Risk 2071 - 0.5% (Annual Exceedance Probability)
- Baseline Flood Risk 2121 - 0.5% (Annual Exceedance Probability)

The most viable solution appears below. Enhancement measures, which will give additional protection are available at an increase in cost. See overleaf on how to access our Virtual Event to view details of these.

**Figure 2. Viable Solution**

### Legend

- No Raising Required
- Embankment Improvement/  
Low Spot Raising
- Alternative Raising Solution

