

* DRAFT RESPONSE *

Christchurch Bay and Harbour Flood and Coastal Erosion Risk Management (FCERM) Strategy - Consultation



The proposed leading options in this consultation were identified for each Option Development Unit (ODU) following public and stakeholder feedback on the short list of coastal flood and erosion management options and a multi-criteria appraisal. You can view more information on the FCERM Strategy project and on previous engagements here: haveyoursay.bcpCouncil.gov.uk/christchurchstrategy.

Each question in this survey focuses on the proposed leading option following the national rules which are used to assign funding to flood and coastal erosion risk management projects across England. Where appropriate, we have then developed the national option to better meet local aspirations (using public and stakeholder feedback) by enhancing it to provide wider community benefits or delivering it sooner. The leading national / local aspirational option for each ODU provide the necessary flexibility to adapt and deliver schemes according to the funding available at the time. Typically, funding does not cover the full cost of the proposed schemes and will need to be topped up using other funding sources.

For some ODUs where we believe funding to be very challenging, we have also identified a backup option. Whilst it would not be the ambition to implement the backup option, it is designed to keep areas as safe as we can for as long as we can with the least amount of money whilst plans to adapt areas are developed and implemented.

The timings of defence measures have been developed based on three time periods in the Strategy:

- Short term: between 2023-2043
- Medium term: between 2043-2073
- Long term: between 2073-2123

The findings from this consultation will help confirm the proposed adaptive options to manage coastal flood and erosion risk across the strategy area. These will be included in the final Strategy for adoption by BCP Council, New Forest District Council and the Environment Agency; anticipated in 2024.

Please read the information document before answering the questions.

If you have any questions or need the survey in a different format, please email: coastal@bcpcouncil.gov.uk. You can also find more information on the main consultation page: haveyoursay.bcpCouncil.gov.uk/christchurchstrategyphase5.

The consultation will close at midnight on 27 August 2023.

Privacy statement

The survey data is hosted by Snap Surveys on behalf of BCP Council. The data is stored securely as specified in the Snap Surveys privacy policy: www.snapsurveys.com/survey-software/privacy-policy-uk. All information you provide is treated in confidence and in accordance with the Data Protection Act 2018. The information will be used for statistical and monitoring purposes. It will not be used to identify individuals apart from those instances where you give us consent to contact you using the personal details you have provided us with. You can find out more about how BCP Council use and store your data in our privacy policy: www.bcpCouncil.gov.uk/research-privacy.

Strategic Management Zones

There are 6 Strategic Management Zones (SMZs) as outlined below:

- Mundeford Sandbank (Zone 1)
- Christchurch Harbour (Zone 2)
- Christchurch Beaches and Cliffs (Zone 3)
- Naish Cliff and Barton on Sea (Zone 4)
- Taddiford - Barton on Sea to Hordle Cliff (Zone 5)
- Milford on Sea (Zone 6)

Please complete the sections that you would like to give us your views about.

Zone 1 – Mundeford Sandbank

This section relates to Zone 1 which stretches from Hengistbury Head, immediately to the east of the Long Groyne, and Mundeford Sandbank including both the open coast and harbour sides.

Please read the information document before answering the questions. You can also view the map at haveyoursay.bcpCouncil.gov.uk/christchurchstrategyphase5.

Option Development Units (ODUs)

The leading options that were identified following the Phase 4 engagement and multi-criteria appraisal for the following ODUs are:

- **ODU1: Hengistbury Head East** - In the short term, the proposed national option would be to carry out small scale maintenance at the toe of the cliff. Once existing defences reach the end of their service life and fail, with no further action in the medium / long term. If additional funding became available to deliver the local aspirational option, the proposal would be to maintain / refurbish existing defences and undertake beach recycling to help sustain beach levels.

You can refer to the visual representation of the proposed leading options for ODU1 in the information document.

- **ODU2: Mundeford Sandbank** - Initially in the short term, the proposed national option is to extend the life of the current defences through small scale maintenance with no further action in the medium and long term. If additional funding became available to deliver the aspirational option, the proposal would be to provide protection for permanent properties, maintain / refurbish the existing defences and carry out beach management in the short to medium term with large scale beach nourishment in the long term.

You can refer to the visual representation of the proposed leading options for ODU2 in the information document.

Q1 To what extent do you agree or disagree with the proposed leading options for:
Please select one option per row only.

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Not sure/Don't know
ODU1: Hengistbury Head East	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU2: Mudeford Sandbank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q2 If you have any comments on these proposed options, please tell us here making it clear which ODU you are commenting on by using its reference number, e.g. put 'ODU 1' before your answer.

ODU 1 : The potential future loss of this historic landscape feature will be highly detrimental to local tourism.

ODU 2 : The loss of the sandbank will also affect the economy, as a prime location for holiday lets and draw for the more affluent to spend their cash in the local area.

Zone 2 - Christchurch Harbour

This section relates to Zone 2 which covers the shoreline around Christchurch Harbour up to Tuckton Bridge on the River Stour and Knapp Mill on the River Avon.

Please read the information document before answering the questions. You can also view the map at haveyoursay.bpcouncil.gov.uk/christchurchstrategyphase5.

Option Development Units (ODUs) - Zone 2 Part 1

The leading options that were identified following the Phase 4 engagement and multi-criteria appraisal for the following ODUs are:

- ODU3: Christchurch Harbour South - In the short, medium and long term the proposed national option is to provide protection for individual permanent properties at risk of flooding and explore opportunities for saltmarsh creation. If additional funding became available to deliver the local aspirational option, the proposal would be to construct erosion defences adjacent to the access road to Hengistbury Head (subject to a land contaminants assessment) and Wick historic landfill site, providing protection for permanent properties at risk of flooding and explore opportunities for saltmarsh creation.

You can refer to the visual representation of the proposed leading options for ODU3 in the information document.

- ODU4: Wick - The proposed national option over time is to raise and lengthen the existing flood defence embankment to protect against flooding and sea level rise. If additional funding became available to deliver the local aspirational option, the proposal would be to carry out the embankment works as well as maintaining / refurbishing the frontline quay wall to prevent erosion of the land behind it, including the historic landfill site

You can refer to the visual representation of the proposed leading option for ODU4 in the information document.

- **ODU5: Willow Drive and the Quomps** - The proposed national option over the short term would be to maintain the existing defences and provide protection for individual permanent properties at risk of flooding. The medium term would include upgrading the existing defences to improve the standard of protection with maintenance into the long term. If additional funding became available to deliver the local aspirational option, the proposal would be to upgrade the existing defences in the short term with proactive maintenance in the medium and long term.

You can refer to the visual representation of the proposed leading options for ODU5 in the information document.

- **ODU6: River Avon West Bank** - The proposed national option is to maintain the frontline quay walls to prevent erosion and provide protection for permanent properties at risk of flooding.

You can refer to the visual representation of the proposed leading options for ODU6 in the information document.

Q3 To what extent do you agree or disagree with the proposed leading options for:
Please select one option per row only.

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Not sure/Don't know
ODU3: Christchurch Harbour South	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU4: Wick	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU5: Willow Drive and the Quomps	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU6: River Avon West Bank	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q4 If you have any comments on these proposed options, please tell us here making it clear which ODU you are commenting on by using its reference number, e.g. put 'ODU 3' before your answer.

Option Development Units (ODUs) - Zone 2 Part 2

The leading options that were identified following the Phase 4 engagement and multi-criteria appraisal for the following ODUs are:

- **ODU7: Rossiters Quay** - The proposed national option is to proactively maintain existing defences in the short term until new flood defences could be constructed in the medium term to improve the standard of protection. These would then be maintained into the long term to extend their service life.

You can refer to the visual representation of the proposed leading options for ODU7 in the information document.

- **ODU8: River Avon East Bank** - A leading option for this unit has not been developed because the Environment Agency are carrying out the Lower River Avon Project. The options for managing coastal flooding /erosion in this unit will be developed by the Environment Agency as part of this project. There is a significant risk of flooding in this area from high river levels as well as high tide levels from the harbour.

However, you can provide comments on this Unit in the dedicated comments box for ODU8 below.

- **ODU9: Stanpit** - The proposed national option is to carry out proactive maintenance in the short term until the defences can be raised and upgraded in the medium term to improve the standard of protection. In the long term the defences would be further lengthened and raised to keep pace with sea level rise. This option helps reduce erosion risk to the historic landfill site at Stanpit and would also explore environmental enhancements such as restoring the saltmarsh habitat.

You can refer to the visual representation of the proposed leading options for ODU9 in the information document.

- **ODU10: Mundeford** - The proposed national option is to maintain/refurbish the existing quay walls to extend their service life in the short and medium term and provide protection to individual permanent properties at risk of flooding. In the long term, new flood defences would be constructed to provide a better standard of protection.

You can refer to the visual representation of the proposed leading options for ODU10 in the information document.

- **ODU11: Mundeford Quay** - Initially in the short term, the proposed national option is to extend the life of the current quay walls through small scale maintenance with no further action in the medium and long term. If additional funding became available to deliver the local aspirational option, the proposal would be to maintain / refurbish the existing quay walls and defences and provide protection to individual permanent properties at risk of flooding as and when required.

You can refer to the visual representation of the proposed leading options for ODU11 in the information document.

Q5 To what extent do you agree or disagree with the proposed leading options for:
Please select one option per row only.

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Not sure/Don't know
ODU7: Rossiters Quay	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU9: Stanpit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU10: Mundeford	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU11: Mundeford Quay	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q6 If you have any comments on these proposed options, please tell us here making it clear which ODU you are commenting on by using its reference number, e.g. put 'ODU 7' before your answer.

Q7 Coastal flood risk and erosion for ODU8 will be identified as part of the Lower River Avon Project, led by the Environment Agency. If you would like to add comments here, we will share them with the Environment Agency.

Zone 3 - Christchurch Beaches and Cliffs

This section relates to Zone 3 which covers the coastal frontage from Gundimore beach to the eastern end of Highcliffe beach.

Please read the information document before answering the questions. You can also view the map at haveyoursay.bcpccouncil.gov.uk/christchurchstrategyphase5.

Option Development Units (ODUs)

The leading options that were identified following the Phase 4 engagement and multi-criteria appraisal for the following ODUs are:

- **ODU12: Avon Beach & Friars Cliff** - The proposed national option in the short term is to proactively maintain / refurbish the existing defences until the medium term when new groynes would be constructed to better retain material that would be supplied by beach nourishment. In the long term, further beach nourishments may be required as well as localised protection to individual permanent properties at risk of flooding. If additional funding became available to deliver the local aspirational option, the proposal would be to upgrade the defences and undertake beach nourishment in the short term, repeating these as necessary into the longer term.

You can refer to the visual representation of the proposed leading options for ODU12 in the information document.

- **ODU13: Highcliffe** - The proposed national option in the short term is to construct outflanking defences adjacent to Chewton Bunny. In the short, medium and long term, existing defences would be maintained / refurbished along with beach management. In the long term a beach nourishment scheme would improve beach levels and protect against sea level rise. If additional funding became available to deliver the local aspirational option, it would largely remain the same as the national option but beach nourishment would take place earlier in the medium term with more frequent nourishments in the long term as required.

You can refer to the visual representation of the proposed leading options for ODU13 in the information document.

Q8 To what extent do you agree or disagree with the proposed leading options for:
Please select one option per row only.

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Not sure/Don't know
ODU12: Avon Beach & Friars Cliff	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU13: Highcliffe	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q9 If you have any comments on these proposed options, please tell us here making it clear which ODU you are commenting on by using its reference number, e.g. put 'ODU 12' before your answer.

Zone 4 - Naish Cliff and Barton on Sea

This section relates to Zone 4 which covers the area between Chewton Bunny to the eastern end of the Barton on Sea coastal defences.

Please read the information document before answering the questions. You can also view the map at haveyoursay.bpcouncil.gov.uk/christchurchstrategyphase5.

Option Development Units (ODUs)

The leading options that were identified following the Phase 4 engagement and multi-criteria appraisal for ODU14 are:

- **ODU14: Naish Cliff and Barton on Sea** - The proposed national option in the short term is to undertake maintenance of existing defences where possible, until the medium term when defences would be upgraded and supported by beach nourishment at the base of the cliff, and cliff slop drainage / stabilisation works. If additional funding became available to deliver the local aspirational option, the proposal would largely remain the same as the national option but implement the defence upgrades, beach nourishment and cliff slop drainage / stabilisation sooner in the short term. Either option would not stop cliff top erosion, but only slow it down, meaning some loss of cliff top area will occur over time and this will need to be planned for.

You can refer to the visual representation of the proposed leading option for ODU14 in the information document.

Q10 To what extent do you agree or disagree with the proposed leading options for **ODU14: Naish Cliff and Barton on Sea**?

Please select one option only.

Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Not sure/Don't know
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q11 If you have any comments on these proposed options, please tell us here.

WE would like to see more robust action taken to preserve the iconic landscape and the fossil beds within.

Zone 5 - Barton on Sea to Hordle Cliff (Taddiford)

This section relates to Zone 5 which covers the Taddiford area between Barton on Sea and Hordle Cliff. The west boundary of the ODU is at the eastern end of the Barton on Sea defences and the east boundary is at West Road (western end of the Hordle beach huts).

Please read the information document before answering the questions. You can also view the map at haveyoursay.bpcouncil.gov.uk/christchurchstrategyphase5.

Option Development Units (ODUs)

The leading options that were identified following the Phase 4 engagement and multi-criteria appraisal for ODU15 are:

- **ODU15: Barton on Sea to Hordle Cliff (Taddiford)** - The proposed national option is to do nothing and allow the cliffs to erode over time and provide additional health and safety compliance when required.

You can refer to the visual representation of the proposed leading option for ODU15 in the information document.

Q12 To what extent do you agree or disagree with the proposed leading options for ODU14: Naish Cliff and Barton on Sea?

Please select one option only.

Strongly agree

Agree

Neither agree nor disagree

Disagree

Strongly disagree

Not sure/Don't know

Q13 If you have any comments on these proposed options, please tell us here.

Zone 6 - Milford on Sea

This section relates to Zone 6 which covers the coastal frontage between Hordle Cliff and the eastern end of Milford on Sea.

Please read the information document before answering the questions. You can also view the map at haveyoursay.bpcouncil.gov.uk/christchurchstrategyphase5.

Option Development Units (ODUs)

The leading options that were identified following the Phase 4 engagement and multi-criteria appraisal for the following ODUs are:

- **ODU16: Cliff Road** - The proposed national option is to control the rate of cliff erosion and transition the cliff line to a more sustainable position. In the short term, this involves maintenance of existing defences as the cliff erodes, before a new strong point is constructed in the medium term, supported by beach renourishment to further control cliff erosion. In the long term further beach nourishments may be required. If additional funding became available to deliver the local aspirational option, the proposal would largely remain the same as the national option but implemented sooner in the short term, with further beach nourishments in the medium and long term.

You can refer to the visual representation of the proposed leading option for ODU16 in the information document.

- **ODU17: Rook Cliff** - The proposed national option is to refurbish and maintain the existing defences along the base of the cliff in the short term, until they are upgraded in the medium term with new rock revetment and groynes. If additional funding became available to deliver the local aspirational option, the proposal would largely remain the same as the national option but implemented sooner in the short term.

You can refer to the visual representation of the proposed leading option for ODU17 in the information document.

- **ODU18: Milford on Sea Frontage** - The proposed national option is to refurbish and maintain the existing defences in the short term, supported by continued small scale beach nourishment to help sustain beach levels. In the medium term, a large beach nourishment would be undertaken, alongside construction of a higher seawall and new, larger groynes. A setback flood defence would also be constructed adjacent to Sturt Pond, alongside protection to individual permanent properties at risk of flooding as and when required.

If additional funding became available to deliver the local aspirational option, the proposal would largely remain the same as the national option but the larger beach nourishment, raised seawall and new groynes would be implemented sooner in the short term, with further beach nourishment in the medium and long term. The setback flood defence would still be constructed adjacent to Sturt Pond, alongside protection to individual permanent properties at risk of flooding, in the medium term.

You can refer to the visual representation of the proposed leading option for ODU18 in the information document.

Q14 To what extent do you agree or disagree with the proposed leading options for:

Please select one option per row only.

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Not sure/Don't know
ODU16: Cliff Road	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU17: Rook Cliff	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ODU18: Milford on Sea Frontage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q15 If you have any comments on these proposed options, please tell us here making it clear which ODU you are commenting on by using its reference number, e.g. put 'ODU 16' before your answer.

Considering Equalities and Human Rights

BCP Council has a duty to take into account the impact of their decisions on human rights and protected groups (age, disability, sex/gender, gender reassignment, marriage and civil partnerships, pregnancy, maternity, race religion or belief, and sexual orientation) as defined under the Equality Act 2010.

Q16 Are there any positive or negative impacts of these proposals that you believe that BCP Council should take into account in relation to equalities or human rights? If so, are you able to provide any supporting information and suggest any ways in which the organisation could reduce or remove any potential negative impacts and increase any positive impacts?

N/A.

Staying Informed and Engaged

Q17 How would you like to be kept informed about the Strategy development as we progress this work?

Select all that apply.

- Local media news: press, radio, TV
- Social media: Facebook, Twitter
- Email to stakeholders
- E-newsletters
- Website information
- Face-to-face events

- Promotional posters/flyers
- Online presentations
- Online surveys and interactive maps
- Other, please specify below
- None