

## ForeSea in the North East

The ForeSea initiative has been set up in collaboration with the Environment Agency, the North East Climate Change Partnership, the Northumberland Area of Outstanding Natural Beauty, Natural England, Government Office North East, Marine Management Organisation and Royal Haskoning.

ForeSea has set out clear aims to contribute to the climate change adaptation strategies that are already in place within the North East:



### Sea Level Rise

Map a range of regional Sea Level Rise scenarios based on UKCP09 and other data and develop a simple, usable trend monitoring tool.



### Community Engagement

Document the work with local communities at three different study sites in the region with a focus on commercial fishing, coastal protection, tourism, culture and the natural environment.



### NE Coastal Network

Establish a coastal network to ensure the intelligent use of knowledge and facilitate a more coordinated response to climate change adaptation.

Developing a monitoring tool to map Sea Level Rise scenarios is a way of preparing for the future. The scenarios will be tested in the region at three study sites each with a specific focus.

Working with local communities will effectively allow ForeSea to explore the institutional engagement processes, including effective communications with the new and developing agencies involved in coastal and marine management in the region.

The project board of ForeSea forms the basis of the North East Coastal Network and it is envisaged the network will be a reflection of all the local & regional coastal bodies. The aim of the network is to be a more transparent, effective and co-ordinated focal point for coastal related issues in the North East in relation to climate change adaptation.

## Why ForeSea?

In recognition of the challenges posed by climate change, the NE is at the forefront of climate change related activity in the UK. At a strategic level there is the Climate Change Action Plan for NE England, and at the activity level the climate change indicator NI 188 has been adopted by 8 of the 12 Local Authorities in the region as part of the new Local Government Performance Framework.

NI 188 – This National Indicator allows authorities and partners to measure progress in adapting to climate change over four levels. The levels range from identifying the priority areas for adaptation through to developing and maintaining an adaptation action plan.



## ForeSea in a European context

### More information

As part of a North West European project on Climate Change adaptation a NE partnership has been established between Durham Heritage Coast (Durham County Council) and coastal consultancy & research company Envision Management. This partnership has initiated a co-operation between local and regional coastal bodies and stakeholders in the North East of England resulting in the North East Coastal initiative – ForeSea

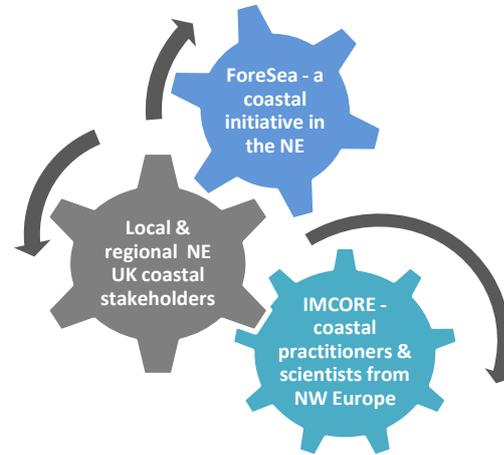
### Websites:

[www.envision.uk.com](http://www.envision.uk.com)  
[www.durhamheritagecoast.org](http://www.durhamheritagecoast.org)  
[www.imcore.eu](http://www.imcore.eu)

**IMCORE** (Innovative Management for Europe's Changing Coastal Resources) is a trans-national, innovative and sustainable approach to reducing the Ecological, Social and Economic impacts of Climate Change on the coastal resources of North West Europe.



The North East of England is not unique in its coast being affected by Climate Change; many North West European countries are dealing with similar challenges. ForeSea is a platform to tackle climate change issues in the NE region as part of a wider North West European Climate Change Adaptation project called IMCORE.



The ForeSea initiative is just one of nine partnerships within North West Europe as part of the IMCORE project. IMCORE has supported ForeSea, but ForeSea aims to exist beyond the lifespan of the IMCORE project and remain an established Coastal Network of expertise within the NE region.



Coastal research and local authority partnership for the North East of England

Nine partnerships between research groups and local authorities in North West Europe

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A key feature of the IMCORE project is to use future scenario building in the context of Integrated Coastal Zone Management (ICZM) and climate change adaptation. Scenarios can assist to prepare long-term policies, strategies and plans which help realise desired and likely futures. With the North West European partnerships and a breadth of expertise within the IMCORE project the ForeSea initiative aims to utilise this expertise and experience in the most effective way to create a range of future scenarios for coastal communities in relation to the likely effects of climate change in the NE region.

### ForeSea project coordination for the North East

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