



Building Local Capacity to Develop Adaptation Strategies to Climate Change – The IMCORE Project



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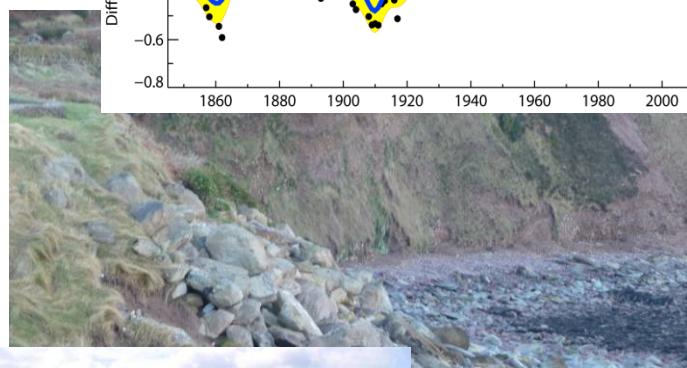
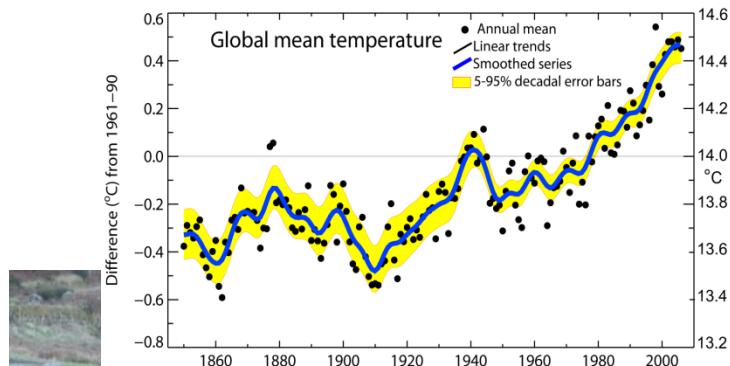


Littoral 2012, Oostende – 27th November



Content

- What was IMCORE – Brief Outline
- The IMCORE Approach and Process
- Lessons Learned
- IMCORE Outputs



IMCORE – Introduction

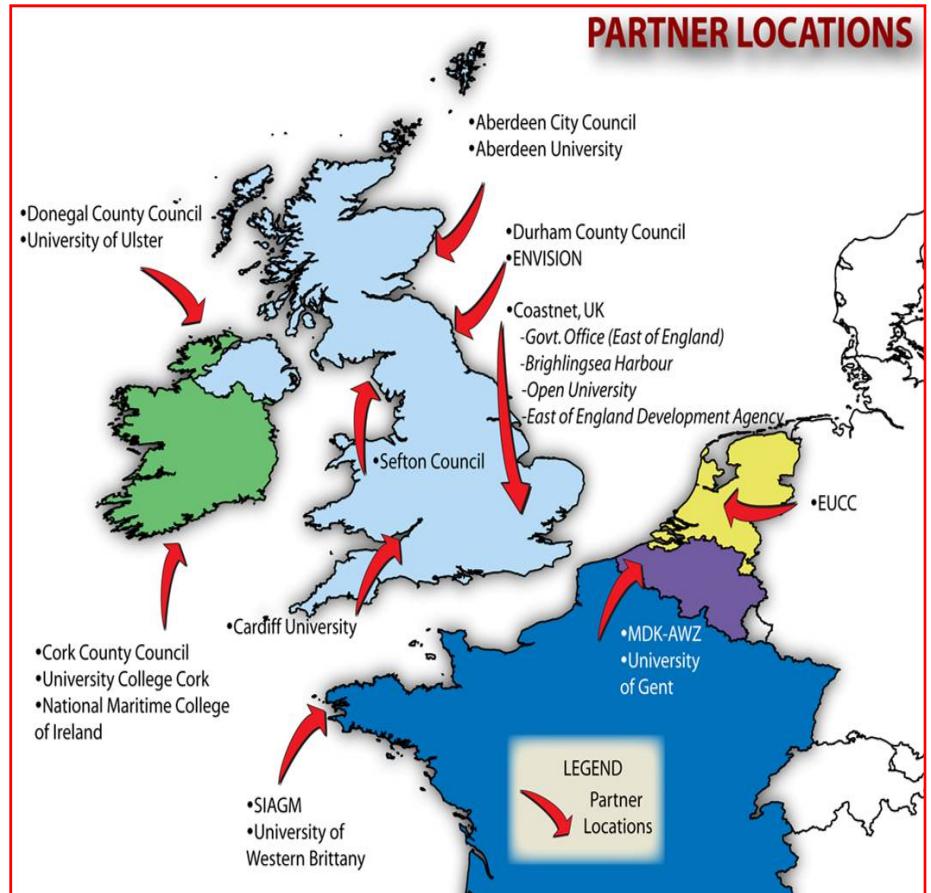
Title: Innovative Management for Europe's Changing Coastal Resource (IMCORE) – part-funded through the INTERREG IVB Programme.

Aim: To promote a transnational, innovative and sustainable approach to reducing the Ecological Social and Economic impacts of climate change on the coastal resources of NWE.

Partnership: Local government, research and education organisations and NGOs from: Ireland; UK; France; Belgium; and, the Netherlands.

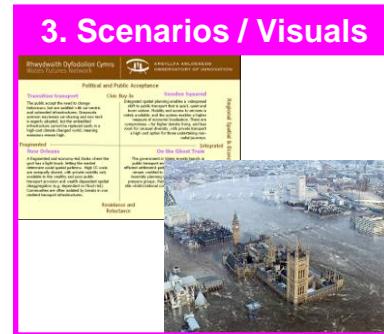
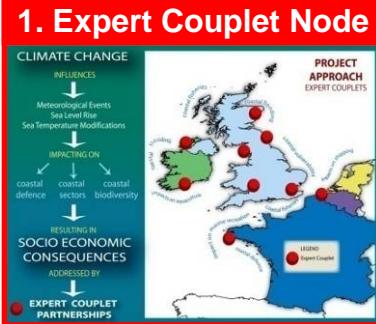
Themes: Climate Adaptation, Coastal Management, Stakeholder Engagement, Visualisation, Scenarios, Science-Policy Interaction.

Outputs: Tools and processes to aid capacity building at the local level supporting development of adaptation strategies.



IMCORE – Approach

- Key element of the IMCORE Approach was the **Expert Couplet Node** – a new model of partnership and collaboration between research centres / academia and local government / regulatory bodies.
- ECNs were established at each of the nine IMCORE study sites - Severn Estuary, NW England, NE England, E England, Aberdeen Coast (all UK); Lough Swilly and Cork Harbour (Ireland); Golfe du Morbihan (France); and Belgian Coast.
- At each study site, the ECN developed and trialled a number of tools and methods in the context of climate change adaptation – incorporated within a five step process.



Expert Couplet Nodes

- Some partners involved in ECNs were building on existing working relationships – others were coming into the process with no prior experience – accept differing levels of ***ECN maturity***.
- Design your ECN with the ***primary issue(s)*** in mind - get the right organisations involved. Assess your capacity as a couplet. Be aware of the knowledge and skills that will be required to achieve your goals.
- Build on ***existing relationships***. Consider building on previous experiences with specific academic or practitioner partners.
- ***Shared goals***. Be aware that there are differences in motivations and time-frames between academics and practitioners. Collaboration should be focused on what you want to learn and achieve as a couplet – use formal / informal arrangements as appropriate.
- A ***two way process***. Bear in mind that both parts need to benefit from and contribute to this relationship.

Issue Identification Workshops:

Severn Estuary – Strain on emergency services.

Aberdeen – Damage to port and harbour.

Gent – Loss of beach / dunes.

Golfe du Morbihan – Erosion.

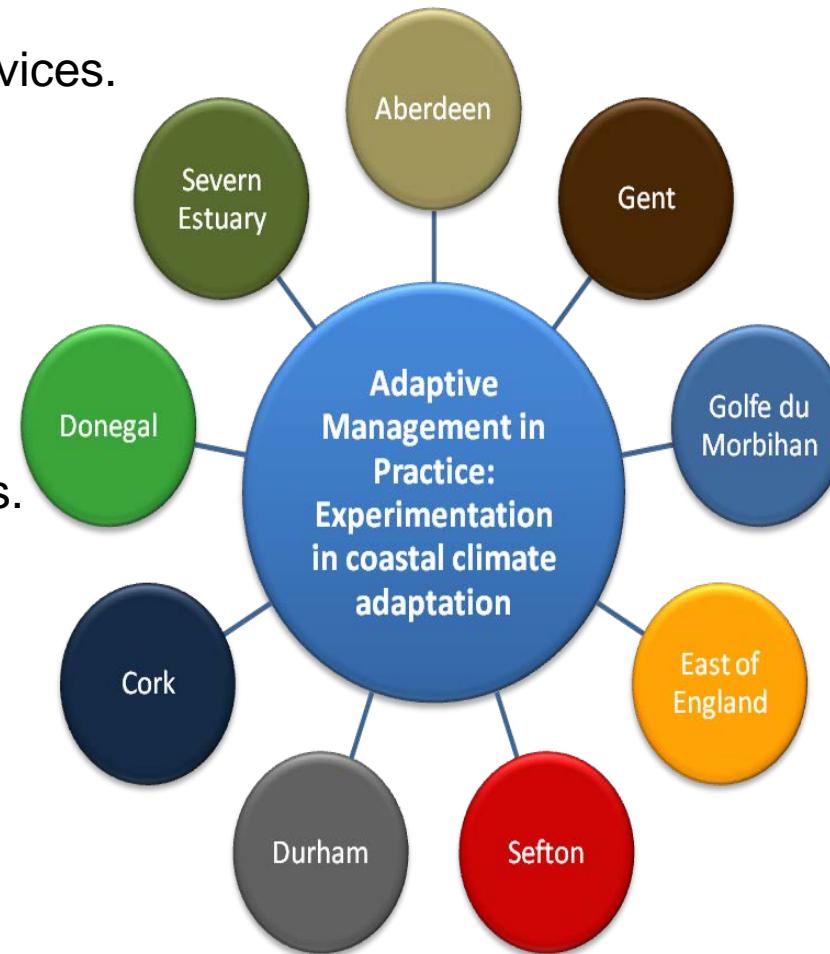
East of England – Cost of coastal defences.

Sefton – Impact on conservation sites.

Durham – Loss of habitats.

Donegal – Impacts on aquaculture.

Cork



Issue Identification Workshops:



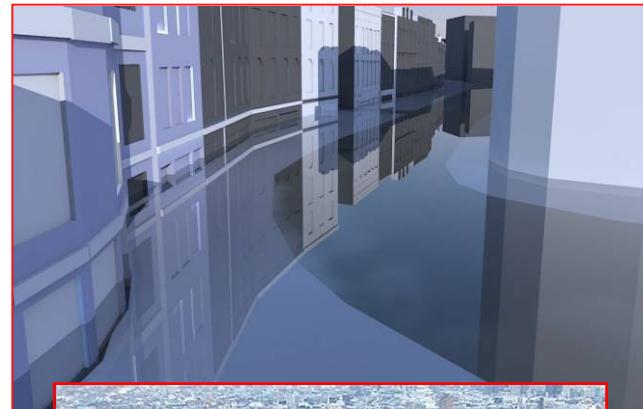
Issue Identification Workshops:

- Engage **appropriate stakeholders** - those with a level of influence in order to help implement any adaptation strategy recommended.
- **Clear messaging** – avoid situation of being an advocate of climate change.
- **Remove confusion** – why should we adapt, and what is adaptation (versus mitigation)?
- Provide **aids and explanatory guides** / information to assist participants.
- **Secure buy-in** for remainder of strategy development process – explain point of exercise in overall approach.



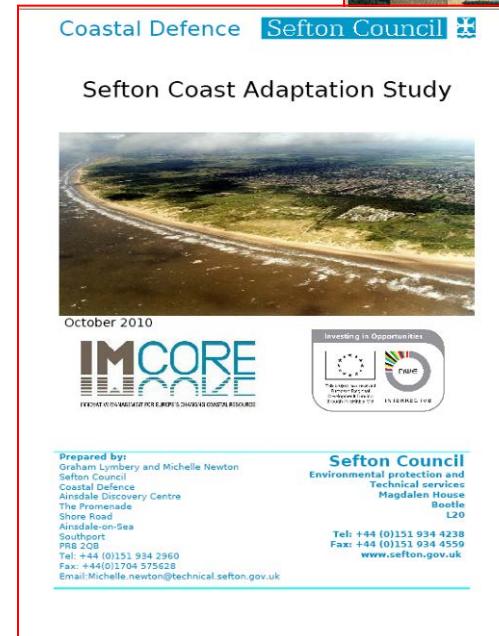
Scenarios and Visualisation:

- Enable identification of future major changes and potential problems along with possible options for response.
- In the case of scenarios and visualisations – ***neither should be considered realities***.
- Scenario development is / should be a highly ***participative process***.
- Process brings together multiple disciplines and facilitates better understanding across sectors / backgrounds – move towards a ***common language / understanding***.
- Extremely ***effective at exploring all aspects of a particular issue*** – but can be a challenging process
 - expect a degree of difficulty with people ***suspending disbelief***, adjusting to ***time horizons that may be unfamiliar***, and removing themselves from the “day job”.

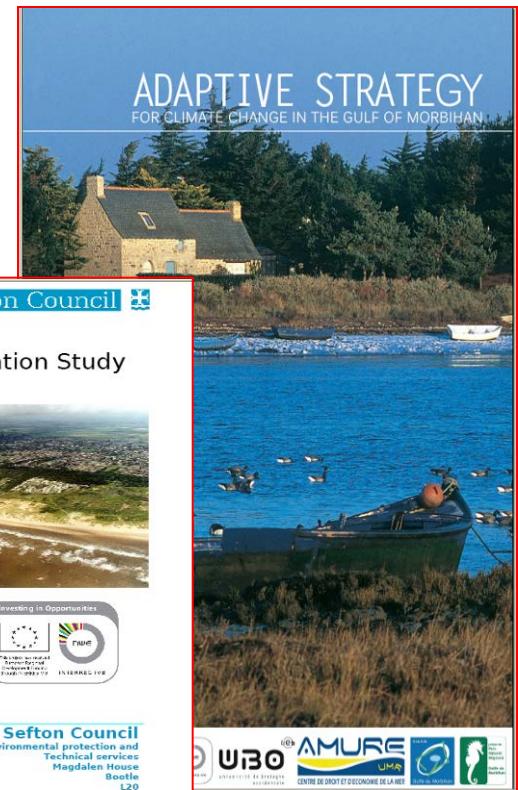


Strategy Formation:

- Mainstreaming is important – different avenues / approaches – climate strategies in place, incorporate into local and regional planning.
- Legal and regulatory settings will have a bearing on progress and implementation.
- Tailored to institutional arrangements within individual case study sites.
- Adaptation is a process – strategy development shouldn't be considered as endpoint.
- Adaptation is a process that is unlikely to succeed with a single organisation driving implementation.



Coastal Defence Sefton Council
Sefton Coast Adaptation Study
October 2010
IMCORE
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ADAPTIVE STRATEGY
FOR CLIMATE CHANGE IN THE GULF OF MORBIHAN





IMCORE Outputs:

Learning from each step of the IMCORE approach, from all study sites, was encapsulated into single repository for practitioners and policy-makers.

- **Details of ECN working**
- **Guidelines on how to setup a ECN**

- **Issues Workshop Reports**
- **Guidelines in how to run a Workshop**

- **Scenarios workshop reports**
- **Details of scenarios & visualisation techniques**

- **Strategy Formation workshop report (Training of Trainers)**
- **Guidelines / material required to develop strategies**

5. Distance Learning Tool



CoastalAdaptation.eu
Local adaptation to Coastal Climate Change in North West Europe

Home Why Adapt Guidance 9 Experiences ToolBOX About IMCORE Search

Guidance: Develop your Coastal Adaptation Strategy
Let us guide you through the steps we took to develop our adaptation Strategies through an introduction and "before you start" tips and our rapid e-learning course.

ToolBOX

Engaging stakeholders, Identifying the issues, Developing future scenarios, Designing the adaptation strategy, Building institutional capacity

Together issues Climate change strategy, place management ENGLAND Identifying EAST Adaptation

coastaladaptation.eu presents huge body of information in accessible and digestible formats – ideal for those seeking to build capacity – “*how do I...?*”



IMCORE Messages:

- ECNs work as a model for partnership working – and create a healthy environment for capacity-building at the local level. Mature partnerships in position to advise potential new ECNs.
- Can be difficult to make headway in isolation when tackling issues surrounding climate change and coastal management – approaches often require input from various stakeholders. ECN is bottom up with institutional support.
- IMCORE has trialled and tested a range of tools of methods within its five step approach - different tools and methods can be applied to common problems in different locations with equal effect – trans-national collaboration works.
- Communicating the value of adaptation is greatly assisted by use of practice-based examples and learning – foster a “can do” attitude.



IMCORE Messages:

- The IMCORE model is also transferable and not restricted to coastal applications, so it should be of interest to managers and practitioners from other sectors.
- *But* within coastal areas, IMCORE jointly addressed two contemporary challenges – coastal management and climate adaptation – exploring synergies between these two processes yields added value from efforts to build local capacity within coastal regions.



Integrated Coastal [Zone] Management

AND

Adaptation to Climate Change



- Provide Societal Challenges
- Capacity Issues
- Pressing Need for Action
- Effective Response Tied to Better Governance
- Key Common Constituents / Stakeholders
- Opportunity to Innovate

IMCORE Online:

- Guidance Documents
- Explanatory Notes
- Teaching Aids
- Videos – Real life Testimonies
- Case Studies
- Policy Information
- Tools Explained
- Lessons Learned
- Make Contact with Other Practitioners



The screenshot shows the homepage of CoastalAdaptation.eu. At the top, there is a navigation bar with links to Home, Why Adapt, Guidance, 9 Case Studies, ToolBOX, and IMCORE. A search bar is also present. The main content area features a large graphic titled "Follow our guidance for developing a coastal adaptation" with four steps: 1. Identifying the issues, 2. Developing future scenarios, 3. Designing the adaptation strategy, and 4. Building institutional capacity. Below this, a map of Europe highlights various coastal adaptation projects with callout boxes. The projects include:

- Lough Swilly**: "Our partners addressed coastal and climate issues through development of a strategy aimed at integration and co-ordination of management agencies"
- Aberdeen**: "We made visualisation tools accessible to coastal practitioners to communicate about climate change"
- North East England**: "We found that connecting coastal communities, local authorities and public bodies was the key to successful adaptation planning"
- Sefton**: "For us, education proved to be a critical investment for climate change adaptation"
- East of England**: "We tried to understand better the conflicts between economic growth and community needs, against adaptive responses to climate change impacts"
- Severn Estuary**: "We brought together knowledge, policy and practice around the estuary to deal with the complexity of coastal management and climate change"
- Gulf of Morbihan**: "Our first steps towards adaptation have been to increase public perception, increase
- Belgium**: "We developed a better understanding of how to deal with coastal adaptation"

On the right side of the page, there are sections for "strategy", "e-learning course", "The IMCORE project ran from 2008 to 2011 and was funded under the EU Interreg IVB programme", "VIDEO", "ToolBOX", "LinkedIn", and "Top 10 lessons".



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CoastalAdaptation.eu
Plan to Adapt to Coastal Climate Change

A step-by-step guide through the theory, process and practise of stakeholder engagement

T R U S T

What you should know Use what you know Learn by doing Choose wisely

PART A **PART B** **PART C** **PART D**

{ ENTER GUIDE }

IMCORE  **ENVISION**  **DURHAM**  **ForeSea** 

Severn Estuary
"We brought together knowledge, policy and practice around the estuary to deal with the complexity of coastal management and climate change"

Gulf of Morbihan
"Our first steps towards adaptation have been to improve public perception, increase

community needs, against adaptive responses to climate change impacts"

Belgium
"We developed a better understanding of how to manage coastal areas in a

coastaladaptation.eu/index.php/en/plan-to-adapt

BEACONS 

Adapting to Climate Change in Wales



An Education Resource Pack for Teachers and Pupils of Key Stage 4







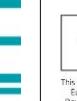










IMCORE  **ENVISION**  **DURHAM**  **ForeSea**  **TECHNIQUEST** 



Thank You

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Location:

