



CoastAdapt

Work with local authorities to

- Provide scientific input & facilitate dialogue;
- Observe dynamics of adaptation in different circumstances;
- Develop adaptation resources- 'one stop shop'



IMCORE

Based on expert couplet model- researchers + local authority
Address site-specific issues in climate change adaptation
Identify commonalities and differences
Develop techniques for engagement

IMCORE

Innovative Management for Europe's Changing Coastal Resource



7 universities
9 local authorities
2 NGOs
1 SME

Geology
Ecology
Law
Geography
GIS
ICZM
Futures



Investing in opportunities

IMCORE

Innovative Management for Europe's Changing Coastal Resource

ADAPTATION TO
CLIMATE CHANGE
IN COASTAL
AREAS

POLICY

RESEARCH

CASE STUDIES

TOOLS

Managerial Tools

Economic Tools

Behavioural Tools

Technological Tools

Assesment and Evaluation Tools

Knowledge Management Tools

Planning and Policy Tools

Education Tools

Capacity Building Tools

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Innovative Management for Europe's Changing Coastal Resource

At each site:

Identify issues of concern wrt Climate Change

- Not straightforward- depends on knowledge of practitioners
- Site-specific
- Begin with presentation on site-specific climate change drivers- temp, wind, RSL

Develop scenarios for future

What-if?

Outline and discuss options

Assess local authority capacity to adapt in terms of:

Competence

Resources

Politics etc

Develop adaptive management strategies



Investing in opportunities



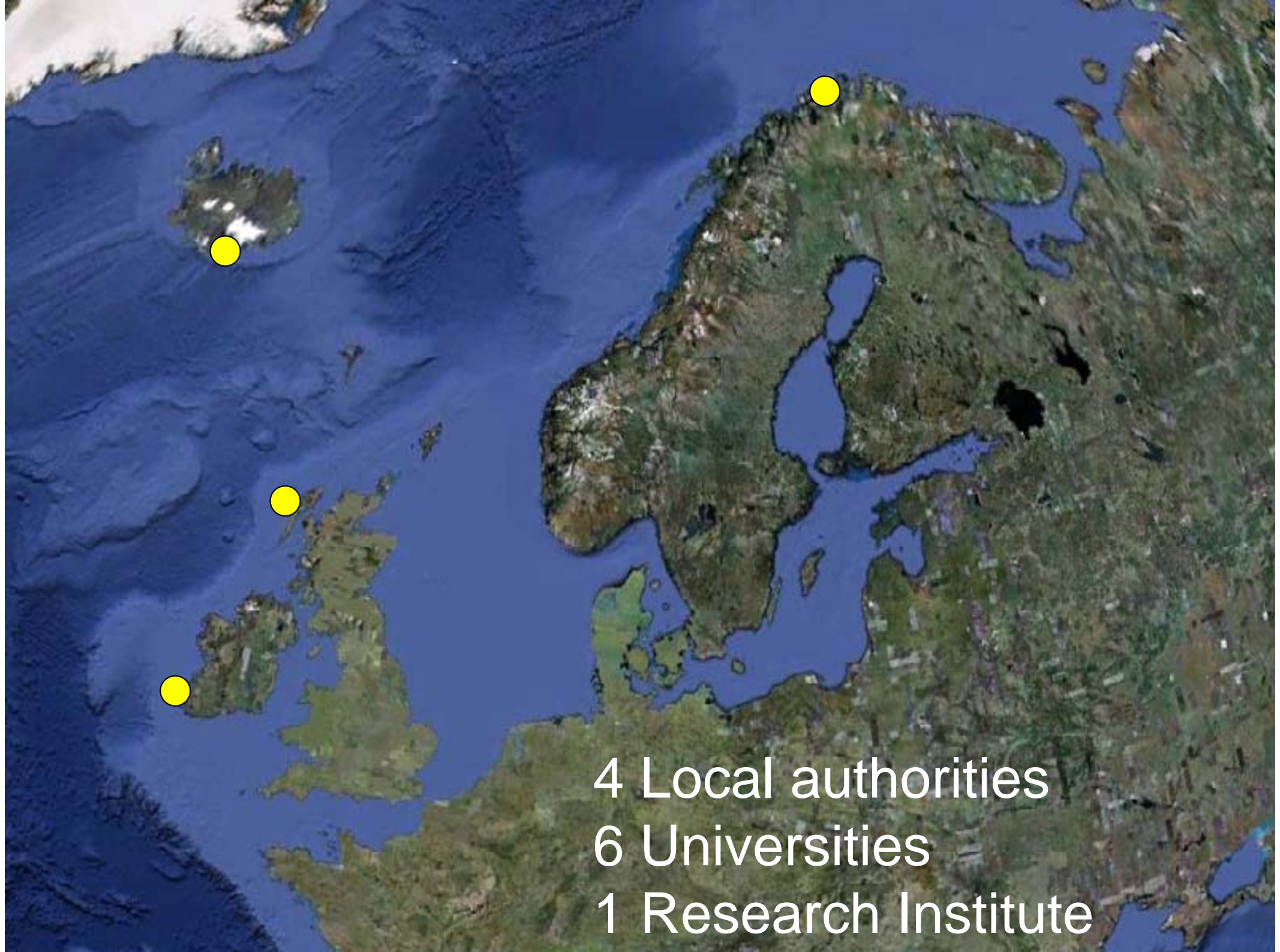
European Union
European Regional Development Fund



Northern
Periphery
Programme
2007-2013

Innovatively investing
in Europe's Northern
Periphery for a sustainable
and prosperous future

CoastAdapt: The Sea as our neighbour



4 Local authorities
6 Universities
1 Research Institute



Western Isles



3 townships in ÁRBORG:

- Selfoss
- Eyrarbakki
- Stokkseyri

- Town of Vik



10 19 '91

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Hammerfest

Enormous Research Potential From geographically variable sites

Adaptive responses
Constraints



LIFE ENV-UK-LBL404

Implementing Alternative Strategies in Irish Beach and Dune Management: *community involvement in sustainable coastal management*

University of Ulster
Donegal County Council



The Proposal Stage

How did it Begin?



Donegal County Council
Chief Planner did
MSc in
at UU



Seminar on LIFE funding



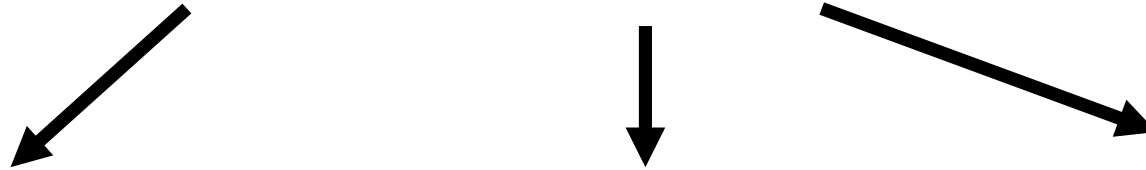
Discussed making a proposal

The Proposal Stage

Discuss Donegal County Council's needs and aspirations

Consider UUs needs and aspirations

What does LIFE funding permit?



Official Documents

Desk Officer

Country Officials

The Proposal Stage

- Write proposal according to guidelines
- Ensure compatibility with DCC Objectives
- Ensure compatibility with UU Objectives
- Determine resources required
- Liaise with finance departments to provide costings
- Provide 50% matched funding source

The Proposal Stage

Proposal elements:

Task 1. Project Management

Task 2. Scientific Task – studies to support decision-making

Task 3. Consultation – Identification and consultation with local communities

Task 4. Implementation – Devising plans and putting plans into Action

Task 5. Dissemination- Telling other people about it (local, National, EU)

The Proposal Stage

- Culdaff
- Lisfannon - Fahan
- Portsalon (Ballymastocker)
- Downings (Trabeg)
- Magheraroarty
- Narin
- Rossnowlagh (Belalt Strand)

A range of beach types (Physical and Cultural)

The Proposal Stage

A Range of Beach Types: political



The Proposal Stage

“Sell” the proposal to the Council (elected representatives)

“Sell” the proposal to the University’s research office



Submit the proposal to EU Desk Officer

The Proposal Stage

Provisional Acceptance: Enter Negotiations

- EU to persuade University to sign all relevant clauses
- Negotiation on costs
- Desk Officer Visit

The Proposal Stage

SUCCESS!

£500,000

The Operational Stage

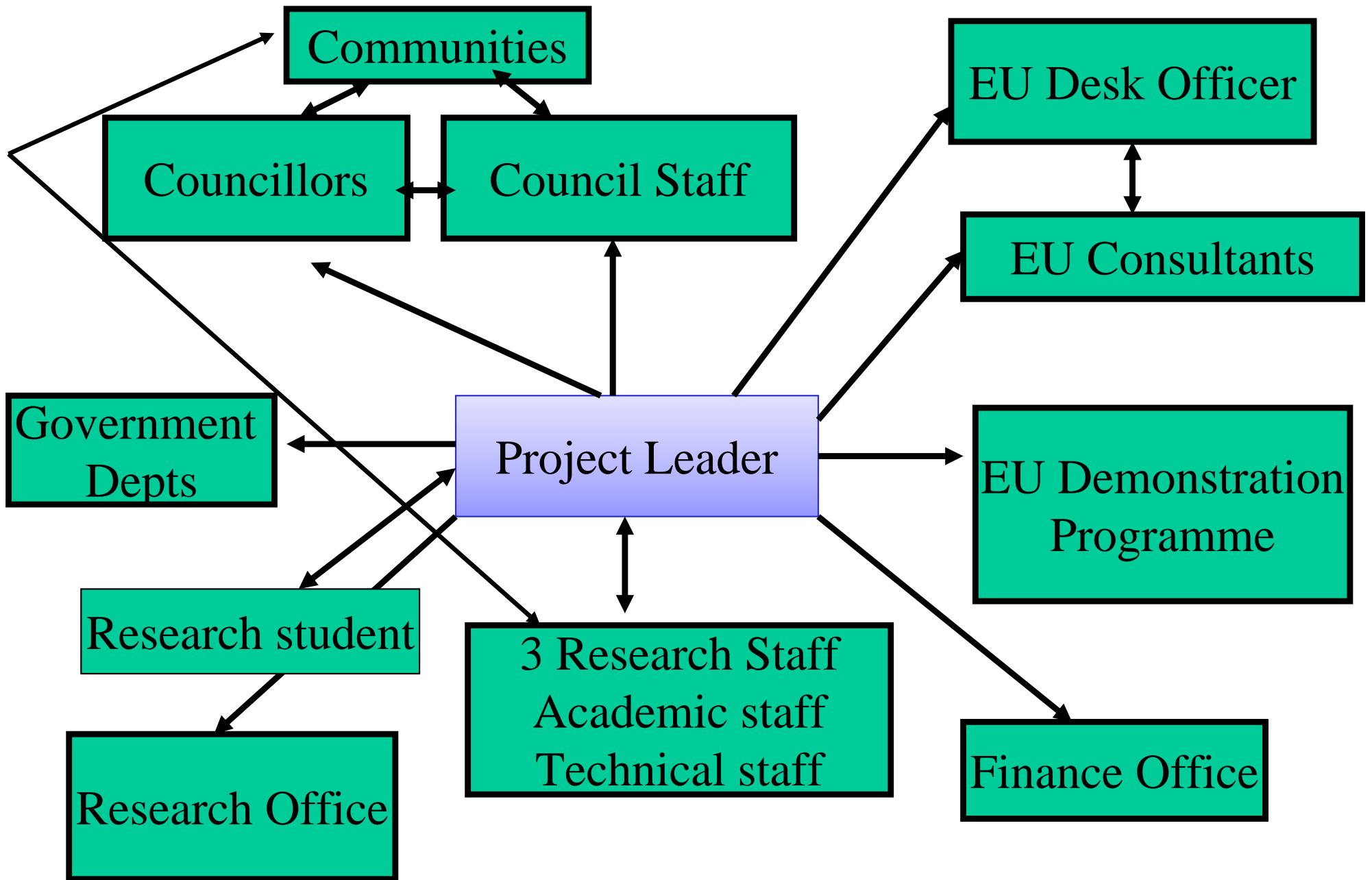
- ❖ Project Management
- ❖ Scientific Task
- ❖ Consultation
- ❖ Implementation
- ❖ Dissemination





3 Spatial Dimensions to project

- Donegal (and local communities)
- Cross-Border
- European



The Operational Stage

Recruit Staff

- Geomorphologist
- Ecologist
- Social Scientist



Job Specification- Approval HR- Advertise-
Shortlist-Convene Interview Panel- Interview-Appoint

The Operational Stage

Acquire Equipment

(GPS, QUAD, Field Equipment, Air Photographs etc)

Identify community groups

Establish council contacts

The Operational Stage

1. Project Management

Financial – University, DCC, EU, EU Auditors

Personnel – University, DCC, UU-DCC Interactions

Scientific – Plan science, consultation, dissemination

Reporting – Collate information, write and review reports

Interaction with the 27 European projects that comprised the demonstration programme

Time Sheets, Financial Monitoring, Reporting to EU

The Operational Stage

2. Scientific task

Gather Physical data

Gather Ecological data

Gather Social data



*Any one of these is a major undertaking
– all three together are enormous*

The Operational Stage

3.1. Consultation

- Identify 7 Community Groups
- Meet Local area Councillors
- Call Public Meetings
- Seek Information
- Integrate with scientific data

The Operational Stage

3.1. Consultation

- Identify 7 Community Groups
- Meet Local area Councillors
- Call Public Meetings
- Seek Information
- Integrate with scientific data

3.2. Consultation

- Meet 7 Local area Councillors
- Present findings
- Call Public Meetings
- Present Findings
- Seek Consensus

The Operational Stage

4. Implementation

Write and agree management plans

Consult with DCC regarding what actions are financially feasible with resources available

Go through public procurement procedures

The Operational Stage

5. Dissemination

- Write Good Practice Guide
- Create Web site
- Place Information Boards at Sites
- Contribute to EU Demonstration Programme

Outcomes

Beach Management Good Practice Guide:

Issues related to:

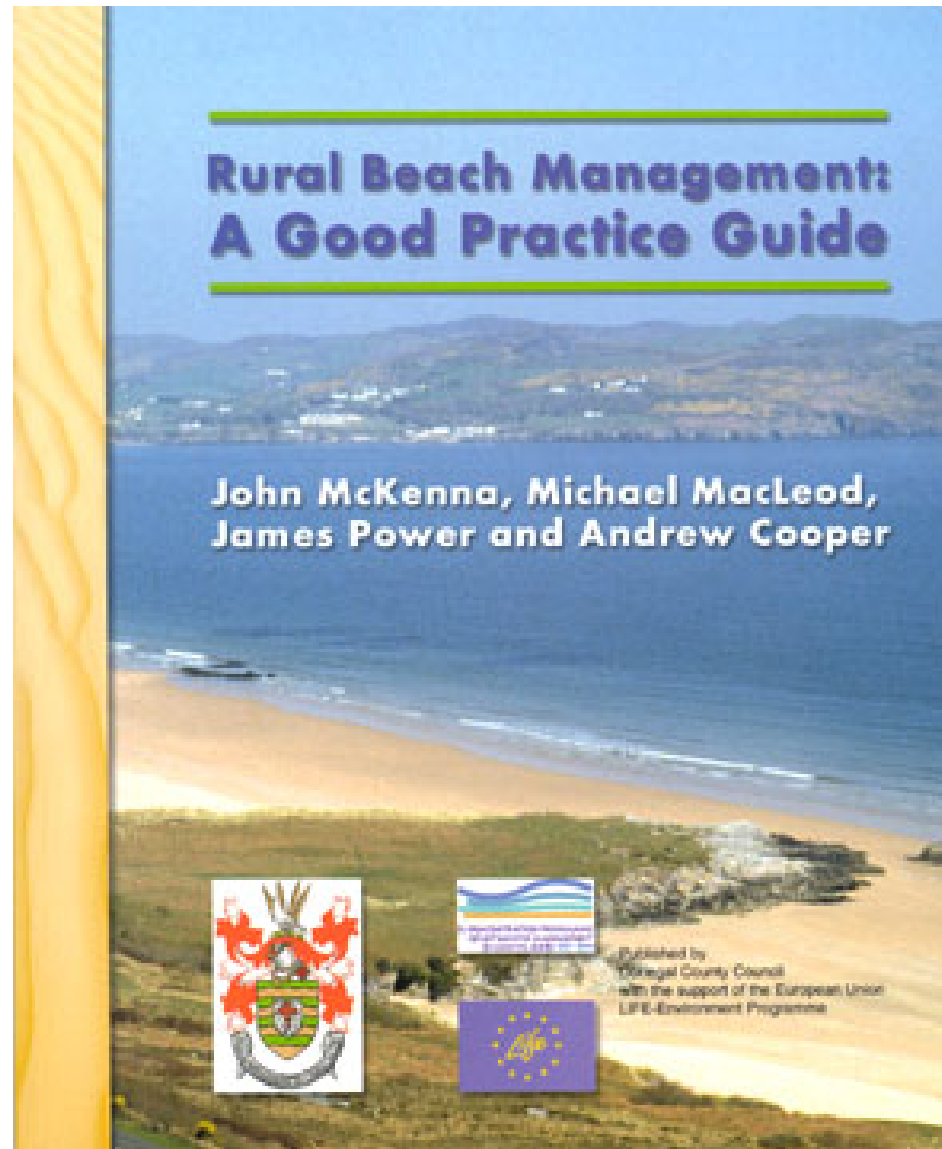
natural processes;

access;

recreational use;

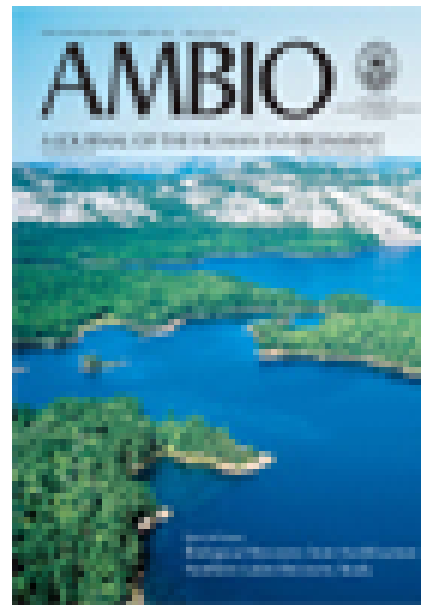
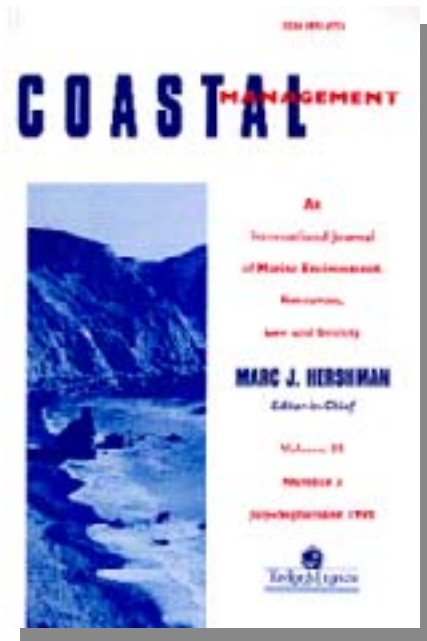
non-recreational use;

jurisdiction, tenure, administration and regulation



Outcomes: Coastal Research Group

Publications, Expertise, Equipment, Profile, Experience, MSc



Outcomes: DCC

- Improvements in Beach Facilities,
- Resolution of user conflicts
- Enhanced Community Relations
- Blue Flag Beaches
- Prestige



Lessons 1. Before you start

- ✓ Why are you doing the project?
- ✓ What will the outcomes be?
- ✓ Will it be beneficial to you?
- ✓ Could you be spending your time more effectively doing something else?

Critical questions because resources, particularly your time, are limited

Lessons 2. When you do start

- ✓ **Plan the tasks clearly beforehand**
- ✓ Ensure that adequate resources will be available – if not, redefine the tasks
- ✓ **Understand your role and the role of others** (DCC experience)
- ✓ Consider the timing of tasks – what tasks depend on others – don't let timing slip (approvals etc)
- ✓ **What constraints are there on timing** (e.g. electoral area meetings)
- ✓ Do not underestimate the time required in planning and co-ordination (other people have demands too)
- ✓ **Expect the unexpected – things never go according to plan** (DCC experience)
- ✓ Consider what other demands will be placed upon your time while you carry out the project