

Angus Council

Angus Shoreline Management Plan SMP 2

Appendix B – Stakeholder Engagement



West Haven, 2012

Contents Amendment Record

This report has been issued and amended as follows:

Issue	Revision	Description	Date	Created by	Verified by	Approved by
1	0	Consultation Draft	March 2015	S Box	J Young	J Young
1	1	Consultation Draft	December 2015	S Box	S Box	J Young
2	1	Final	October 2016	S Box	S Box	S Box



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The Supporting Appendices

These appendices and the accompanying documents provide all of the information required to support the Shoreline Management Plan. This is to ensure that there is clarity in the decision-making process and that the rationale behind the policies being promoted is both transparent and auditable. The appendices are:

A: SMP 2 Development	This reports the history of development of the SMP 2, describing more fully the plan and policy decision-making process.
B: Stakeholder Engagement	All communications from the stakeholder process are provided here, together with information arising from the consultation process.
C: Baseline Process Understanding	Includes baseline process report, defence assessment, NAI and WPM assessments and summarises data used in assessments.
D: Strategic Environmental Assessment (SEA) Environmental Report	This report identifies and evaluates the baseline environmental features (human, natural, historical and landscape) and presents an overview of the environmental assessment process, showing how the requirements of the EU Council Directive 2001/42/EC (the Strategic Environmental Assessment Directive) are met.
E: Issues & Objectives Evaluation	Provides information on the issues and objectives identified as part of the Plan development, including appraisal of their importance.
F: Policy Development and Appraisal	Presents the consideration of generic policy options for each frontage, identifying possible acceptable policies, and their combination into 'scenarios' for testing. Also presents the appraisal of impacts upon shoreline evolution and the appraisal of objective achievement.
G: Preferred Policy Scenario Testing	Presents the policy assessment and appraisal of objective achievement towards definition of the Preferred Plan (as presented in the Shoreline Management Plan document).
H: Economic Appraisal and Sensitivity Testing	Presents the economic analysis undertaken in support of the Preferred Plan.
I: Habitats Regulations Assessment	Presents an assessment of the effect the plan will have on European sites.
J: Water Framework Directive Assessment	Presents the Water Framework Directive assessment of the potential hydromorphological changes and consequent ecological impact of the preferred SMP 2 policies.
K: Metadatabase and Bibliographic database	All supporting information used to develop the SMP 2 is referenced for future examination and retrieval.

Within each appendix cross-referencing highlights the documents where related appraisals are presented. The broad relationships between the appendices are illustrated below.

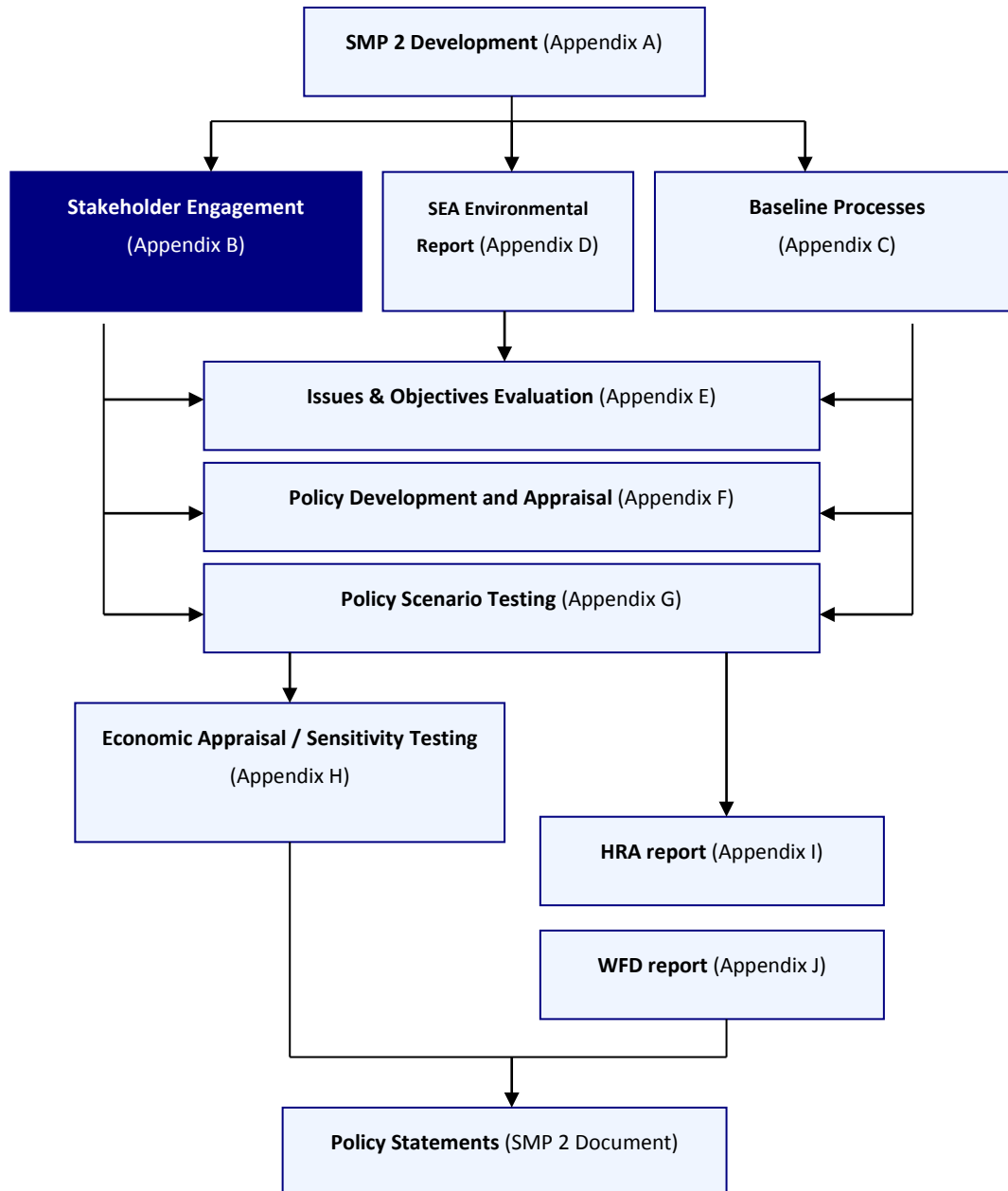


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ANNEX B1 PUBLIC CONSULTATION REPORT

B.1 Introduction

B.1.1 Stakeholder Engagement Strategy

The stakeholder engagement process is intended to build trust and understanding between all parties involved in the formation of an SMP 2 with the aim of being inclusive, transparent and appropriate in its methods and application.

Angus Council have taken the lead on the Stakeholder Engagement for this SMP 2.

A Client Steering Group (CSG), set up by Angus Council, provided expert knowledge and information, and has been involved throughout the development of the SMP 2. The CSG acts as a focal point for discussion and consultation throughout development of the project. The membership of the group provides representation of statutory consultees, academics, local authorities and other primary interests within the study area, ensuring consideration of all interests during review of issues. The CSG was involved through meetings at key points within the SMP 2 development process. The incorporation of this group provides direct feedback and information to the Consultant, and acts as a focal point for the consultation process. It is also possible to adopt more of a partnership approach to the CSG, by developing a more collaborative decision-making forum. Under this approach certain responsibilities may be shared by the CSG in order to increase the level of stakeholder ownership of the final decisions.

Links with local planning will be an important part of delivering the final SMP2. Local authority planning officers were invited to comment on the draft SMP2 and Angus Council planning officers were given a presentation on the draft plan during which they had a further opportunity to provide comment.

Table B.1 provides a summary of the stakeholder engagement strategy for each stage of the Angus SMP2 development.

The Consultation Report, documenting the SMP2 public consultation period is found in Annex B1.

B.1 Summary Table of the Stakeholder Strategy for each stage of SMP 2 Development

Stage of Plan Preparation	Activity	Dates	Purpose of stakeholder involvement	Stakeholders involved	Method of involvement
Stage 1: SMP Scope	Initial Stakeholder contact		Inform interested parties that an SMP is being prepared and invite key stakeholders to join the Client Steering Group	Client Steering Group	Letter
Stage 2: Assessments to support policy	Client Steering Group Meeting 1	April 2012	<p>Introduce the SMP process</p> <p>Request information from interested parties</p> <p>Gather views on the features and issues relating to the SMP coast</p> <p>Check that all relevant issues have been included</p> <p>Review the features identified</p> <p>Check that the benefits identified are correct and that we have included all beneficiaries</p> <p>Check that the objectives are a good representation of the requirements of the beneficiaries</p>	Client Steering Group	<p>Draft Issues and Objectives Table sent as part of briefing note by email</p> <p>A meeting involving a formal presentation followed by an open discussion.</p>
Stage 3: Policy Development	Client Steering Group Meeting 2	June 2012	<p>CSG members were presented with the policy options to be tested as part of the policy appraisal. The objective of the meeting was to establish:</p> <ul style="list-style-type: none"> • The vision(s) of the various stakeholders for the whole SMP shoreline over each epoch • Any 'overriding drivers' for directing future policy, and specific future policy options that the stakeholders wish to see tested • Areas of agreement and conflict i.e. main flood and erosion risks • Potential scope for compromise and acceptance of future change 	Client Steering Group	A meeting involving a formal presentation followed by an open discussion.

Stage of Plan Preparation	Activity	Dates	Purpose of stakeholder involvement	Stakeholders involved	Method of involvement
	Client Steering Group Meeting 3	October 2012	CSG members were presented with the draft preferred scenarios. The objective of the meeting was to: <ul style="list-style-type: none"> Gain a general consensus on the preferred policy scenarios to put forward in the consultation draft SMP2 	Client Steering Group	Draft preferred policy scenarios and the draft policy appraisals were sent as part of a briefing note by email A meeting involving a formal presentation followed by an open discussion.
Stage 4: Public Examination	Public Consultation	March 2016	To make stakeholders and the wider public aware of the draft plan To provide stakeholders and the wider public with opportunities for support and objection and moving to resolve differences	Wider public	Public exhibitions Advertisements Full document on the Council website: www.angus.gov.uk Presentation to Local Authority planners
Stage 5: Finalise SMP	Final SMP2	September 2016	Review responses from public examination Produce a Consultation Report on these findings Potential to meet with CSG to discuss the nature of feedback (amending the plan / policies if required)	Client Steering Group	Potential for a CSG meeting or correspondence via email
Stage 6: SMP Dissemination	Dissemination	Winter 2016	Disseminate to Angus, Aberdeenshire and Dundee City Councils, SNH, Historic Environment Scotland, SEPA and Defra Include the final SMP2 on the Council website Inform stakeholders of the final plan	Wider public	Hard copies and CD s. Information available to download in PDF format at www.angus.gov.uk

B.2 Client Steering Group meetings

The Client Steering Group (CSG) includes representatives from Angus, Aberdeenshire and Dundee City Councils, Scottish Environmental Protection Agency (SEPA), Scottish Natural Heritage (SNH), Historic Environment Scotland, the University of Dundee, Ministry of Defence (MoD), Scottish Water and the Tay Estuary Forum (TEF). The CSG has met three times throughout the SMP 2 development process to:

- Discuss issues and objectives;
- Discuss the preferred policies to test;
- Agree the preferred policy scenarios for consultation.

The locations, dates, purpose and outcome of each CSG meeting are included in the following table (Table B.2) and associated meeting materials and minutes are contained in Section B.4.

Table B2 Client Steering Group meetings

Meeting	Locations and Dates	Purpose and Outcome
CSG 1 – SMP 2 Stage 2 (Assessments to support policy development)	County Buildings, Market Street, Forfar DD8 3WR 17 th April 2012	<p>Purpose:</p> <p>To provide an introduction to and explain the background to the SMP 2.</p> <p>To go through stages of the SMP 2 development process.</p> <p>To discuss and agree the issues to be dealt with in the SMP 2 and the priority of these issues.</p> <p>To discuss and agree the objectives for the SMP 2.</p> <p>Outcome:</p> <p>Agreed set of SMP 2 issues and objectives.</p>
CSG 2 – SMP 2 Stage 3 (Policy Development)	Angus House, Forfar 12 th June 2012	<p>Purpose:</p> <p>To provide an update on SMP 2 progress.</p> <p>To provide an overview of Coastal Risks, the Policy Appraisal process and Key Policy Drivers.</p> <p>To discuss, identify and agree Key Policy Drivers.</p> <p>To discuss which potential policies / scenarios they feel would be appropriate to assess.</p> <p>Outcome:</p> <p>Agreed set of SMP 2 Key Policy Drivers and potential policies to test</p>
CSG 3 – SMP 2 Stage 3 (Confirm Preferred Scenario)	The Cross, Forfar, DD8 1BX 25 th October 2012	<p>Purpose:</p> <p>To provide an update on SMP 2 progress.</p> <p>To provide an overview of the policy development process.</p> <p>To discuss the preferred policy scenarios.</p> <p>To gain a general consensus on the preferred policy scenarios for consultation</p> <p>Outcome:</p> <p>General consensus on the preferred policy scenarios for consultation.</p>

A list of CSG attendees at each meeting are included in Table B3.

Table B3Client Steering Group membership

Organisation	CSG 1 (17.04.12)	CSG 2 (12.06.12)	CSG 3 (25.10.12)
Angus Council	Richard Meeson	Richard Meeson Mark Davidson Gordon Pyper (planning) Duncan Inglis (environmental management)	Richard Meeson Mark Davidson Gordon Pyper (planning)
Dundee City Council	Ross Speirs	Ross Speirs	Ross Speirs
University of Dundee	Fraser Milne	Fraser Milne	Fraser Milne
Historic Environment Scotland	Andrew Stevenson	Rory McDonald	Andrew Stevenson
SEPA		Malcolm MacConnachie	Steve McFarland
Scottish Natural Heritage		Shona Smith	Mark Moore
Aberdeenshire Council		Willie Murdoch	
Tay Estuary Forum		Laura Booth	
MoD Barry Buddon		Tom Graham (Commandant) Joy Fotheringham (DIO)	
Scottish Water			Craig Carr

B.3 Initial Stakeholder Engagement Materials

An Initial Stakeholder Engagement letter was sent out to potential stakeholders in March 2012.

Date

Name

Address

Dear Sir / Madam,

Angus Council - Shoreline Management Plan 2

Angus Council Roads Division is reviewing the current Shoreline Management Plan, which will allow the development of Shoreline Management Plan 2 (SMP 2).

Shoreline Management Plan is large-scale assessment of the risks associated with coastal processes. The aim of the plan is to reduce the risks to people, development and the natural environment. Coastal environments are inherently dynamic due to coastal processes and the constant movement of material along the beach/foreshore. SMP's will provide a 'route map' for decision makers to assess the present situation and identify methods to meeting future needs through the most sustainable means.

As part of this review, stakeholder engagement is critical in the review process, to ensure all interested parties are involved in identifying and resolving issues identified in the review process. To help drive and focus the stakeholder engagement process, a steering group is proposed. The main role of the steering group will be to act as principle decision-making body for reviewing the Shoreline Management Plan 2.

Angus Council is presently assessing a list of representatives from a range of organisations to sit on the SMP 2 client steering group and cordially invite your organisation to join the Angus Council SMP 2 client steering group. As a member of the client steering group you will be invited to attend steering group meetings.

To assist Angus Council with the development of SMP 2, Halcrow consultants have been appointed to provide technical coastal support to allow the development of Angus Council Shoreline Management Plan 2.

An initial start-up client steering group meeting has been arranged for 10:00am on Tuesday 17th April 2012 at County Buildings, Market Street, Forfar, DD8 3WR. I would be very grateful if you could let me know your availability to attend this start-up meeting?

I look forward to hearing from you in due course, if you have any queries please contact me on 01307 473329 or Richard Meeson on 01307 473185, email meesonr@angus.gov.uk.

Yours faithfully

Mark Davidson

Senior Engineer

B.4 Client Steering Group Materials

B.4.1 Introduction

Below are a series of documents relating to the Client Steering Group (CSG) meetings that were held during the course of developing the Angus SMP 2.

B.4.2 Client Steering Group Meeting 1

The purpose of this meeting was to introduce the SMP process, seek information and data to inform the development of the SMP 2 and introduce and discuss the issues and objectives tables.

B.4.2.1 CSG 1: Agenda

ANGUS COUNCIL SHORELINE MANAGEMENT PLAN 2

CLIENT STEERING GROUP MEETING No. 1

10:00 Tuesday 17TH April 2012

AGENDA

1.0 Introduction

2.0 Client Steering Group

2.1 Introduce – parties involved

2.2 Role of Client Steering Group

3.0 Shoreline Management Plan

3.1 Background information

4.0 Shoreline Management Plan 2 (SMP 2)

4.1 Outline SMP 2

4.2 Proposed program of SMP 2

4.3 Halcrow Consultants

5.0 Next Client Steering Group Meeting

5.1 TBC – Provisionally Tuesday 19th June 2012, County Buildings, Forfar

6.0 Any Other Business

ANGUS COUNCIL SHORELINE MANAGEMENT PLAN 2

CLIENT STEERING GROUP MEETING No. 1 MINUTES

Date: 17.04.12
Location: County Buildings, Forfar

Present:

Richard Meeson (RM)	Angus Council (AC)
Jackie Young (JY)	Halcrow(HC)
Ailsa Collin (EC)	Halcrow (HC)
Sam Box (SB)	Halcrow (HC)
Frasier Milne (FM)	University of Dundee (UD) (Sub consultant to Halcrow)
Ross Speirs (RS)	Dundee City Council (DC)
Andrew Stevenson (AS)	Historic Scotland (HS)

Apologies:

Mark Davidson	Angus Council
Stuart McGovan / Malcolm MacConnachie	SEPA
Shona Smith	Scottish Natural Heritage
Doreen Bell	Scottish Water
Jim Mckie	Marine Scotland
Willie Murdoch	Aberdeenshire Council
Laura Booth	Tay Estuary Forum
George Chree / Gordon Pyper	Angus Council (Planning)
Duncan Inglis	Angus Council (Environmental Management)

1. INTRODUCTION

All parties were welcomed and introduced to the meeting.

2. CLIENT STEERING GROUP (CSG)

2.1 Introduce Parties Involved

RM introduced all parties involved with the CSG:

- Angus Council (including Planning and Neighbourhood Services departments)
- Tay Estuary Forum
- Scottish Natural Heritage
- Scottish Water
- Marine Scotland
- Historic Scotland
- SEPA
- Dundee City Council
- Aberdeenshire Council
- Halcrow – providing technical expertises and guidance

Role of Client Steering Group

RM outlined the role the Client Steering Group; to act as principle decision making body for reviewing SMP2 and help drive and focus stakeholder engagement.

3. ANGUS COUNCILSHORELINE MANAGEMENT PLAN

- Published in 2004, in partnership with HR Wallingford
- Outlined a framework for future management of coastal policies
- Large scale risk assessment identifying the associated risks to people and environment from coastal processes

4. ANGUS COUNCILSHORELINE MANAGEMENT PLAN 2 (SMP2)

4.1 Outline SMP2

- Review Current SMP
- Recognise limitations of SMP, and identify if policies are still relevant
- Awareness of longer-term (50-100yrs) implications of coastal changes
- Support the planning system, and enhance transparency of planning processes

4.2 Proposed Programme for SMP2

RM outlined the proposed programme for SMP2

- Proposed complete SMP2 – January 2013
- Proposed draft SMP2 from Halcrow – October 2013
- Proposed Public Consultation – October to December 2013
- Final examination – December 2013
- Final dissemination – January 2013
- Committee Approval – February 2013

4.3 Halcrow

SB provided a slide show; see Appendix A for copies of the slides.

The inland boundary of SMP2 is to be set as the inland boundary from the existing Shoreline Management Plan. Mark Davidson to confirm inland boundary with JY.

Halcrow are proposing to combine the policy objectives for SMP2 with the SEA receptors, see Appendix B. **All members of the CSG are requested to confirm their agreement and provide feedback on the proposed policy objectives in Appendix B.** All feedback is to be emailed to Richard Meeson (meesonr@angus.gov.uk) by **Friday 25th May 2012**. CSG to action

Halcrow advised the CSG that Scottish Natural Heritage, Historical Scotland and SEPA will also get a chance to comment on the objectives through the SEA Scoping process.

Halcrow asked the CSG, if any members knew of any areas within the SMP2 boundary which are classified as *designated landscapes*? CSG to action

RS offered Halcrow a copy of recent data from the Tay Estuary modelling, undertaken as part of the Water Front Development assessment. RS to action

Halcrow requested an update on existing coastal defences along the Angus coastline; RM to action

Condition and functionality of existing coastal defences was discussed, Halcrow will visit most defences on their site visit (16th – 20th April 2012).

AS stated Historic Scotland undertake *condition reports every 2yrs and site inspections every 5yrs*, of their assets (monuments). FM to issue Halcrow and RM with the Scottish Coastal Archaeology and the Problem of Erosion report and University of St Andrew (The SCAPE TRUST) - Coastal Zone Assessment Survey 2009.

RM noted annual coastal inspections are carried by Angus Council.

Halcrow enquired about Local Development Plans and if there is a Angus Development Plan to assist with the development of the SEA; RM to speak to Angus Council Planning Department and action

The CSG discussed each coastal process units (CPU) from Milton Ness to Broughty Ferry (see slides in Appendix A).

- Coastal defences at the southern end of Montrose Bay were discussed, in particular defences from Splash Point to the GlaxoSmithKline. FM believes defences at Splash Point are encouraging erosion to the north of Splash Point (Golf course frontage) by starving the dunes of sand (sediment). Defences at GlaxoSmithKline are not influencing erosion at the Golf Course. Montrose Bay Phase 2 Report has been undertaken, with Phase 3 being developed.
- Coastal defences around Montrose Basin were discussed; ownership of defences and land was unclear. RM to investigate land ownership around Montrose Basin (see Appendix C).
- It was noted Arbroath Harbour requires sediment management; however analysis of this is outside the scope of this project. Further analysis of sediment is required; FM mentioned about the possibility

of sediment recharge in the area, this will be investigated by Angus Council.

- JY asked if the M.O.D could be included in the Client Steering Group. Following Halcrow's site visit to Barry Buddon with FM; FM believes the rock armour defences at Barry Buddon are possibly exacerbating erosion along the coastline at Monifieth. RM to contact M.O.D and send out invitation to Client Steering Group.

RS believes SEPA are issuing free LIDAR data to local authorities, RM to investigate. RM to action

JY enquired about the location of proposed and existing coastal paths, RM to investigate and issue Halcrow with shp file. RM to action

5. NEXT CLIENT STEERING GROUP MEETING (CSG No. 2)

5.1. Tuesday 12th June 2012 at 10:00, at Angus House, Forfar.

PLEASE ADVISE IF YOU ARE UNABLE TO ATTEND THE NEXT CLIENT STEERING GROUP MEETING

6. MEETING CLOSED AT 12:40


Meeting 1 minutes: Appendix A

Angus Council - Shoreline Management Plan 2
Steering Group Meeting 1
17th April 2012

1 17.04.12 Angus SMP2 - Steering Group Meeting 1 *Halcrow*

Presentation Outline

- Progress to date
- Agree Objectives
- Issues and risk areas
- Next Steps




2 17.04.12 Angus SMP2 - Steering Group Meeting 1 *Halcrow*

Progress to date

3 17.04.12 Angus SMP2 - Steering Group Meeting 1 *Halcrow*

Progress to date

- Review of SMP1
- Review of new reports and information since SMP1
- Draft the Baseline coastal processes report (Dundee University inputs and review)
 - No Active Intervention Scenario
 - With present Policies scenario
- Draft SMP2 objectives
- Draft Theme review (SEA baseline)
- Draft Issues tables



4 17.04.12 Angus SMP2 - Steering Group Meeting 1 *Halcrow*

Baseline Coastal Processes Report

Coastal Processes

We need to understand:

- How and why the coast is changing, both in time and spatially
- What is driving this change
- What are the linkages and interactions along the coast
- What may change in the future due to climate change
- The impact of human intervention

Baseline Scenarios

- No Active Intervention
 - With Present Policies
-over three time periods (0-20, 20-50 and 50-100 years)

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11.04.12

Angus SMP2 - Steering Group Meeting 1

Halcrow

No Active Intervention

- Assumes no further expenditure on maintaining/ improving existing defences
- Assumes all defences will eventually fail
- Rapid initial erosion of backing dunes where presently defended
- Inundation of low-lying areas
- The shoreline will adjust to a more naturally functioning system



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11.04.12

Angus SMP2 - Steering Group Meeting 1

Halcrow

With Present Policies

- Assumes policies recommended in SMP1 continue until technically impossible or when current policies become ineffective
- Loss of beaches and intertidal areas fronting defences
- Increased flooding and erosion hazards
- Need for much more substantial & expensive defences.....but will these be affordable?



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11.04.12

Angus SMP2 - Steering Group Meeting 1

Halcrow

SEA Environmental Baseline (Theme Review)

- The identification of key features along these coast and why these are important to stakeholders, i.e. the benefits that the feature provides, is a vital input to policy development.

The Theme Review covers:

- The natural environment
- Landscape and character
- Historic environment
- Current and future land use



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11.04.12

Angus SMP2 - Steering Group Meeting 1

Halcrow

Identification of Issues and Objectives

To develop policies we need a clear understanding of the issues and objectives which need to be addressed by future shoreline management

- Identify features using the Theme Review
- Gather information as part of the initial consultation

Issues and Objectives Tables

- Set objectives - defines targets or goals that the SMP aspires to in delivering the plan.
- There will be conflicting objectives, therefore not all objectives will / can be achieved.
- The SMP needs to provide a balanced plan, considering people, nature, historic and socio-economic realities

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17.04.12

Angus SMP2 – Steering Group Meeting 1

Halcrow

Agree Objectives

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17.04.12

Angus SMP2 – Steering Group Meeting 1

Halcrow

Objectives

Main SMP2 objective is...

'to reduce the risk to PEOPLE and the DEVELOPED and NATURAL environment from flooding and coastal erosion by the provision of TECHNICALLY, ENVIRONMENTALLY and ECONOMICALLY sound and SUSTAINABLE defence measures'

Role of Issues & Objectives



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17.04.12

Angus SMP2 – Steering Group Meeting 1

Halcrow

Objectives

Management Objective	Features covered by the objective (following scoping)
1 To minimise coastal flooding and erosion risk and its impact on people, coastal land use and future development plans. (Population and Human Health, Material Assets)	Houses Vulnerable community facilities (e.g. surgeries, hospitals, aged persons homes, schools, churches, libraries, etc)
2 To minimise coastal flood and erosion risk to critical infrastructure and maintain critical services. (Material Assets)	A, B and minor roads (where linkage is a key issue) East Coast railway lines and stations Pumping stations, sewage works and outfalls, Access for emergency services
3 To support natural coastal processes and maintain and enhance the integrity of internationally designated nature conservation sites and the favourable condition of their interest features. (Biodiversity, Flora and Fauna, Water)	Ramsar, SPA and SACs
4 To maintain and enhance nationally designated conservation sites and their interest features. (Biodiversity, Flora and Fauna)	SSSI (biological and geological) and NHIs
5 To avoid adverse impacts on, conserve and enhance the designated interest of local conservation sites. (Biodiversity, Flora and Fauna)	LNR SMT Nature Reserves RIGS GCRs
6 To maintain and enhance features as a natural flood defence (Water/Soil (Geology))	Beaches Dune systems
7 To enhance the aesthetic and landscape quality of the coastline. (Landscape)	Key landscape features including wide sandy bays, estuaries and estuarine mudflats, sand dune systems and links, and maritime cliffs and rocks

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17.04.12

Angus SMP2 – Steering Group Meeting 1

Halcrow

Objectives

Management Objective	Features covered by the objective (following scoping)
8. To minimise coastal flood and erosion risk to scheduled and other nationally, regionally or locally important archaeological and cultural heritage assets, sites and their setting. (Cultural Heritage/ Historic Environment)	Scheduled Monuments Listed Buildings Non-designated archaeological sites of local importance
9. To minimise coastal flooding and erosion risk to key recreation and tourism assets and activities. (Population/ Human Health/ Material Assets)	Recreation and amenity facilities (visitor attractions, golf courses, caravan parks, bathing beaches, promenades, cycle routes, public footpaths, etc)
10. To enhance the tourism value of the coast and aim to incorporate and improve recreation, tourism and visitor management. (Population/ Material Assets/ Biodiversity)	
11. To minimise coastal flood and erosion risk to industry, commercial and economic activities and Ministry of Defence land. (Population/ Material Assets)	Businesses, factories, warehouses, areas identified for regeneration, military establishments and others key areas of employment MoD Exclusion Zones
12. To minimise the impact of policies on marine operators and activities. (Material Assets/ Population)	Ports and harbours, Access to the sea and navigation
13. To minimise the impact of policies on fishing activity. (Water/ Biodiversity/ Material Assets/ Population)	Commercial fishing grounds and shell fisheries
14. To minimise coastal flood and erosion risk to agricultural land. (Soil/ Population)	Grades 1 - 3A Farmland

13 17.04.12 Angus SMP2 – Steering Group Meeting 1

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Issues and Risk Areas

14 17.04.12 Angus SMP2 – Steering Group Meeting 1

Halcrow

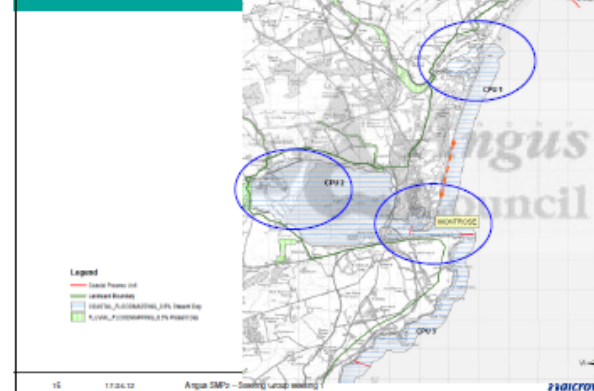
Headline Issues



15 17.04.12 Angus SMP2 – Steering Group Meeting 1

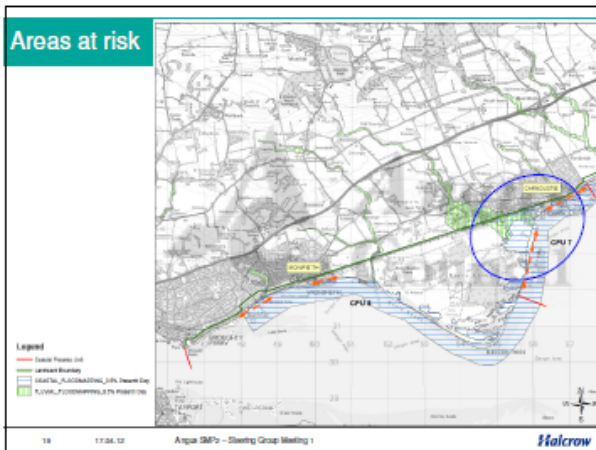
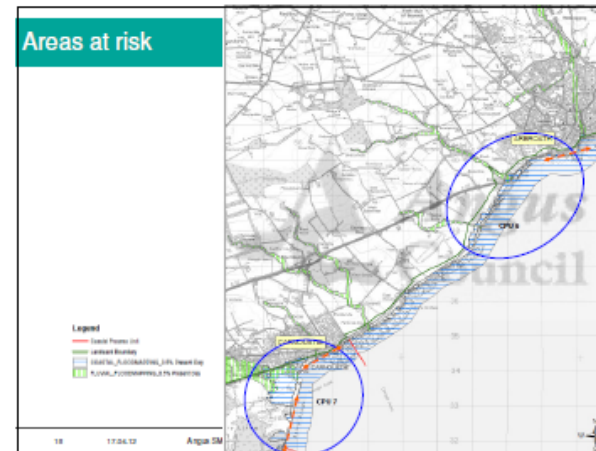
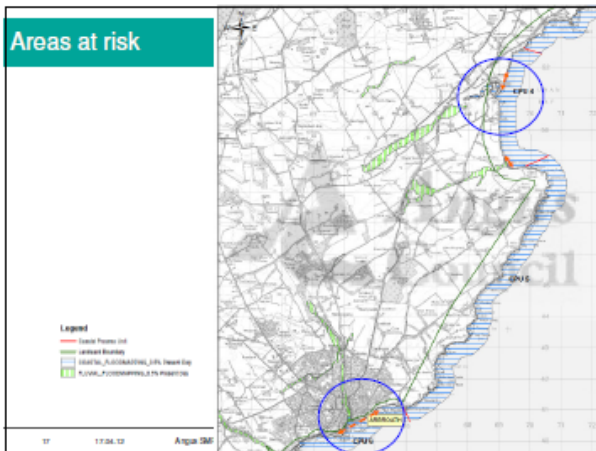
Halcrow

Areas at risk



16 17.04.12 Angus SMP2 – Steering Group Meeting 1

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Discussion of issues

What are the main **ISSUES** affecting policy?

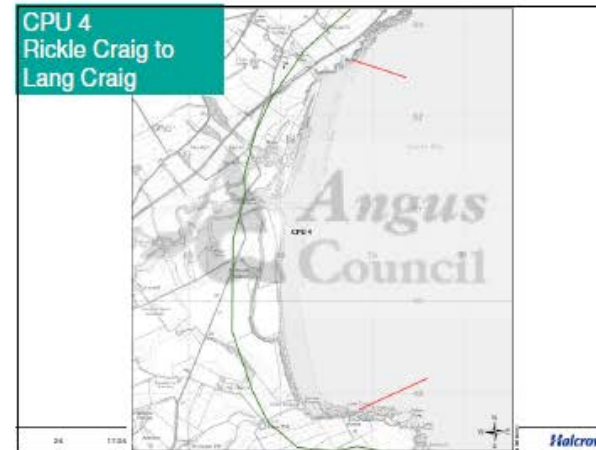
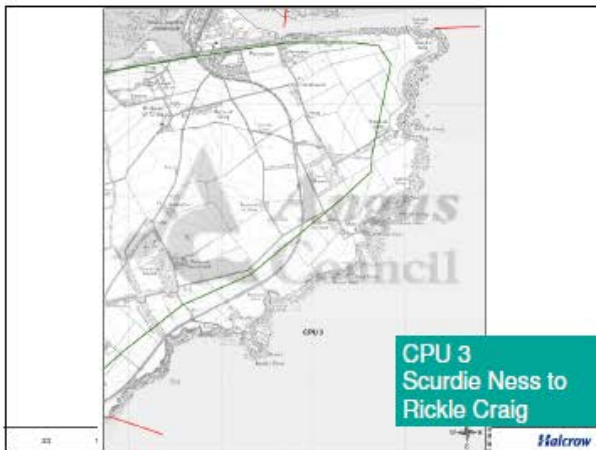
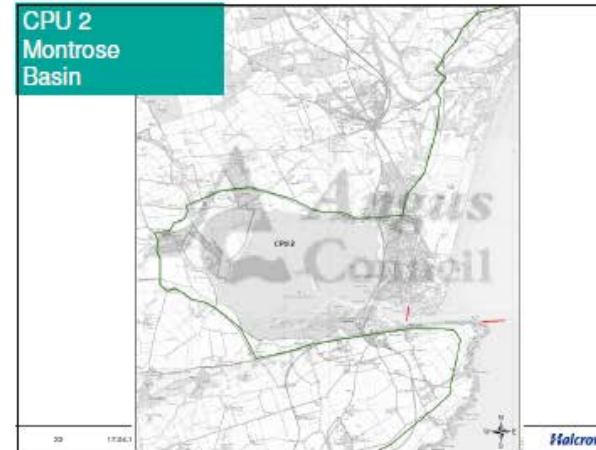
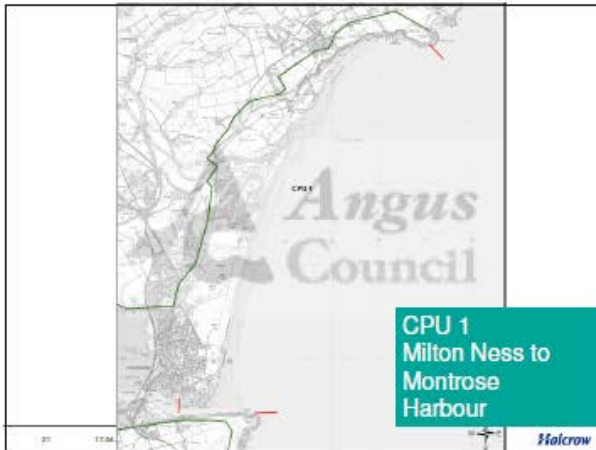
What **FEATURES** do these issues relate to?

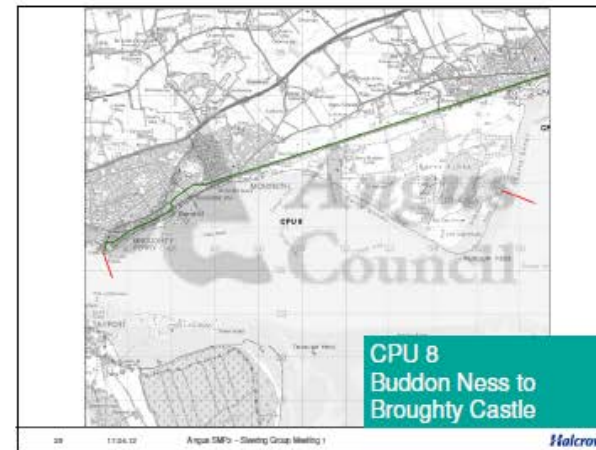
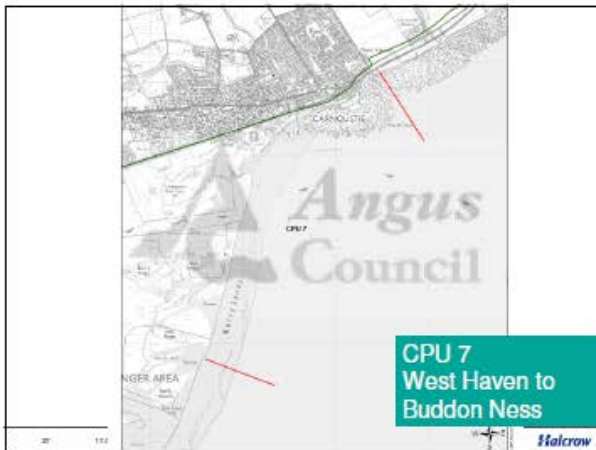
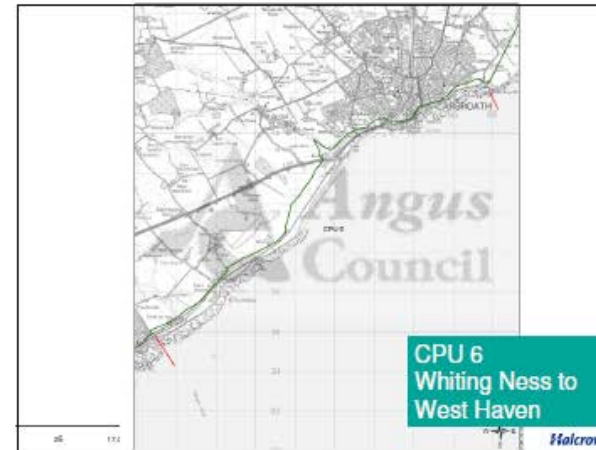
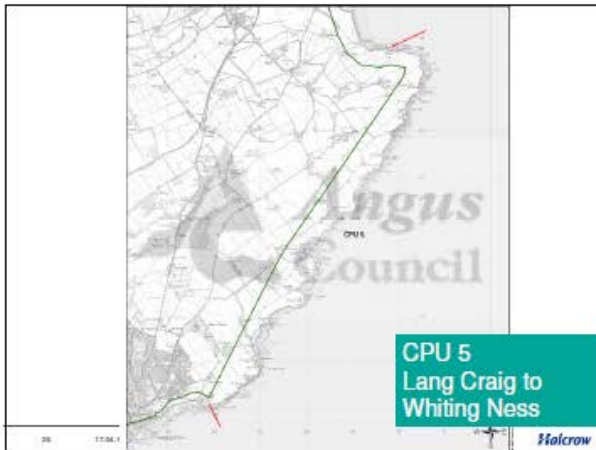
Why are they important, what are the **BENEFITS**?

Over what **TIMESCALES** do these issues apply (0-20, 20-50, 50-100 years)?

20 17.04.12 Angou 0M2 - Steering Group Meeting 1

Halcrow





Next steps

20

17.04.12

Angus SMP - Steering Group Meeting 1

Halcrow

Next Steps

Coastal Hazard Mapping

Policy Appraisal and development of Policy Scenarios

- Hold the Line
- Managed Realignment
- Advance the Line
- No Active Intervention



20

17.04.12

Angus SMP - Steering Group Meeting 1

Halcrow

Do you have any data / further information that maybe useful?

BoxSa@halcrow.com

meesonr@angus.gov.uk

Thank You

21

17.04.12

Angus SMP - Steering Group Meeting 1

Halcrow

APPENDIX B

PROPOSED POLICY OBJECTIVES FOR SMP2

SMP2 / SEA Objectives

The setting of objectives helps to ensure both clarity and consistency across the SMP2 area, whilst the identification of why a feature is important and any potential issues associated with coastal erosion and flooding, helps us to understand how an objective may be achieved.

An objective defines a target or goal that the SMP2 aspires to in delivering the plan. However, it is important to understand that quite commonly there are conflicting objectives for a particular stretch of coast. Therefore it is likely that not all objectives will be or can be achieved at every location but the aim of the SMP2 is to seek to provide a balanced plan, which considers:

- People
- Nature
- Historic realities
- Socio-economic realities

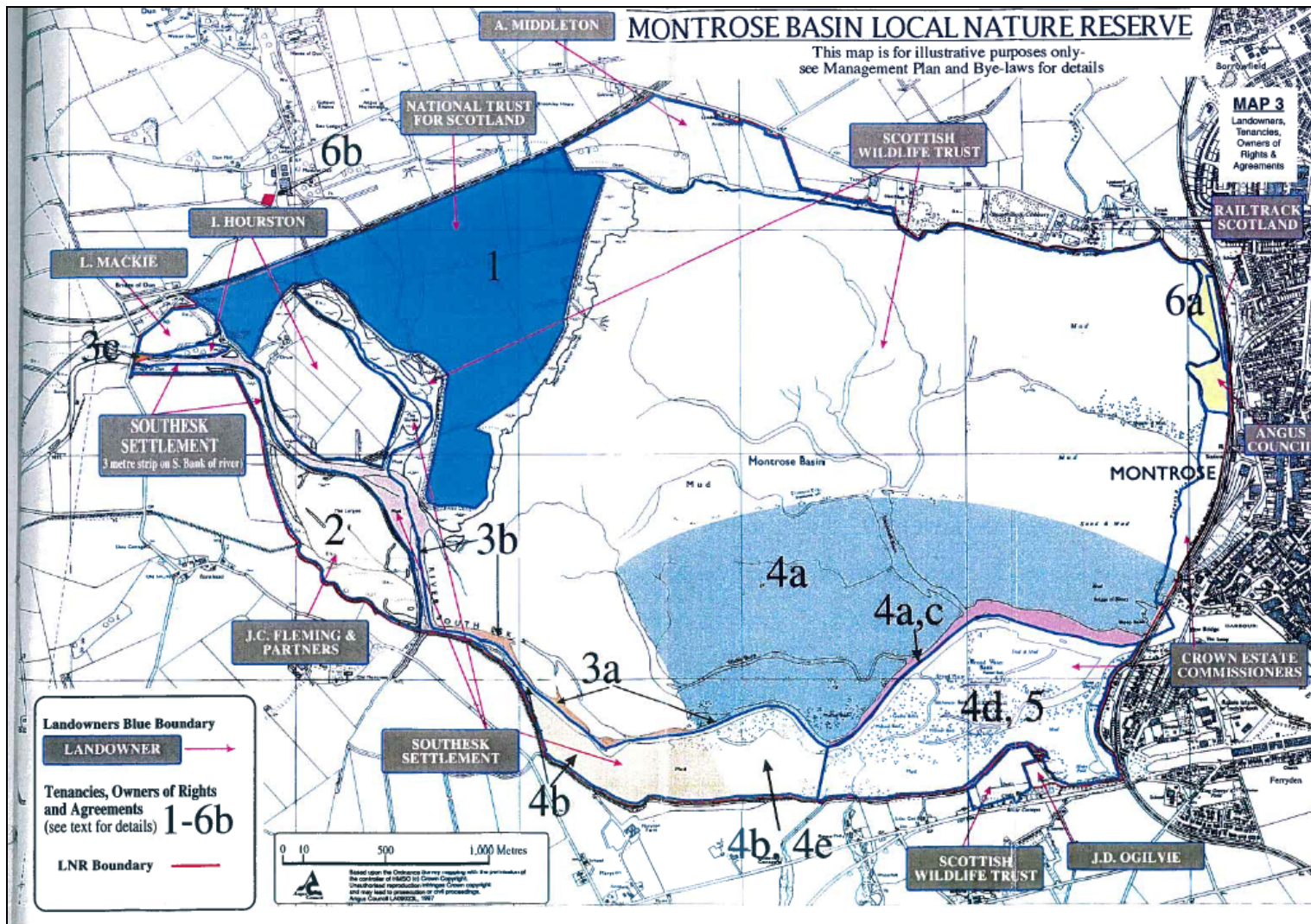
Using the Defra Shoreline Management Plan Guidance (2006), Strategic Environmental Assessment (SEA) guidelines and through internal discussions, a list of objectives has been developed and, using the issues identified, appropriate objectives have been defined for each feature. Those objectives which relate to statutory requirements are highlighted in grey. The objectives cover broad 'high level' features that may influence policy decisions in coastal management and that can be used to adequately assess policy options.

Individual members of the Client Steering Group are to comment on and provide feedback to the CSG; feedback is requested to be emailed to Richard Meeson (meesonr@angus.gov.uk) by Friday 25th May 2012.

Objective		Features covered by the objective (following SEA scoping)
1.	To minimise coastal flooding and erosion risk and its impact on people, coastal land use and future development plans. <i>(Population and Human Health, Material Assets)</i>	Houses Vulnerable community facilities (e.g. surgeries, hospitals, aged persons homes, schools, churches, libraries, etc)
2.	To minimise coastal flood and erosion risk to critical infrastructure and maintain critical services. <i>(Material Assets)</i>	A, B and minor roads (where linkage is a key issue) East Coast railway lines and stations Pumping stations, sewage works and outfalls. Access for emergency services
3.	To support natural coastal processes and maintain and enhance the integrity of internationally designated nature conservation sites and the favourable condition of their interest features.	Ramsar, SPA and SACs

Objective		Features covered by the objective (following SEA scoping)
	<i>(Biodiversity, Flora and Fauna, Water)</i>	
4.	To maintain and enhance nationally designated conservation sites and their interest features. <i>(Biodiversity, Flora and Fauna)</i>	SSSI (biological and geological) and NNRs
5.	To avoid adverse impacts on, conserve and enhance the designated interest of local conservation sites. <i>(Biodiversity, Flora and Fauna)</i>	LNR SWT Nature Reserves RIGS GCRs
6.	To maintain and enhance features as a natural flood defence <i>(Water/Soil (Geology))</i>	Beaches Dune systems
7.	To enhance the aesthetic and landscape quality of the coastline. <i>(Landscape)</i>	Key landscape features including wide sandy bays, estuaries and estuarine mudflats, sand dune systems and links, and maritime cliffs and rocks
8.	To minimise coastal flood and erosion risk to scheduled and other nationally, regionally or locally important archaeological and cultural heritage assets, sites and their setting. <i>(Cultural Heritage/Historic Environment)</i>	Scheduled Monuments Listed Buildings Non-designated archaeological sites of local importance
9.	To minimise coastal flooding and erosion risk to key recreation and tourism assets and activities. <i>(Population/Human Health/Material Assets)</i>	Recreation and amenity facilities (visitor attractions, golf courses, caravan parks, bathing beaches, promenades, cycle routes, public footpaths, etc)
10.	To enhance the tourism value of the coast and aim to incorporate and improve recreation, tourism and visitor management. <i>(Population/Material Assets/Biodiversity)</i>	
11.	To minimise coastal flood and erosion risk to industry and commercial activities and Ministry of Defence land. <i>(Population/Material Assets)</i>	Businesses, factories, warehouses, areas identified for regeneration, military establishments and others key areas of employment MoD Exclusion Zones
12.	To minimise the impact of policies on marine operations and activities <i>(Material Assets/ Population)</i>	Ports and harbours, Access to the sea and navigation
13.	To minimise the impact of policies on fishing activity. <i>(Water/Biodiversity/Material Assets/Population)</i>	Commercial fishing grounds and shell fisheries
14.	To minimise coastal flood and erosion risk to agricultural land <i>(Soil/Population)</i>	Grades 1 – 3A Farmland

Those objectives which relate to statutory requirements are highlighted in grey.



Meeting 1 minutes: Appendix C

B.4.3 Client Steering Group Meeting 2

The purpose of this meeting was to discuss, identify and agree key policy drivers and potential policy options to test.

B.4.3.1 CSG 2: Agenda

ANGUS COUNCIL SHORELINE MANAGEMENT PLAN 2

CLIENT STEERING GROUP MEETING No. 2

10:00 Tuesday 12th June 2012

AGENDA

- 1.0 Introduction**
- 2.0 Update on the progress of SMP2 from Halcrow**
 - 2.1 Scoping Report
 - 2.2 Proposed Policy Objectives
 - 2.3 Proposed Policy Scenarios
- 3.0 Outstanding issues from the CSG**
- 4.0 Next Client Steering Group Meeting**
 - 4.1 TBC – Provisionally Tuesday 14th August 2012, County Buildings, Forfar
- 5.0 Any Other Business**



ANGUS COUNCIL SHORELINE MANAGEMENT PLAN 2

CLIENT STEERING GROUP MEETING No. 2 MINUTES

Date / Time: 12.06.12 @ 10:00am
Location: Angus House, Forfar

Present:

Mark Davidson	(MD)	Angus Council (AC)
Richard Meeson	(RM)	Angus Council (AC)
Jackie Young	(JY)	Halcrow(HC)
Ailsa Collin	(EC)	Halcrow (HC)
Frasier Milne	(FM)	University of Dundee (UD) (Sub consultant to Halcrow)
Ross Speirs	(RS)	Dundee City Council (DC)
Rory McDonald	(RD)	Historic Scotland (HS)
Malcolm MacConnachie	(MM)	SEPA
Shona Smith	(SS)	Scottish Natural Heritage (SNH)
Willie Murdoch	(WM)	Aberdeenshire Council (ABC)
Laura Booth	(LB)	Tay Estuary Forum (TEF)
Gordon Pyper	(GP)	Angus Council - Planning (ACP)
Duncan Inglis	(DI)	Angus Council -Environmental Management (ACM)
Tom Graham	(TG)	Commandant - Barry Buddon (CBB)
Joy Fotheringham	(JF)	DIO representing the MOD (MOD)

Apologies:

Doreen Bell	Scottish Water
Jim Mckie	Marine Scotland

1. INTRODUCTION

All parties were welcomed and introduced to the meeting.

RM asked each person present to introduce themselves.

2. UP-DATE ON THE PROGRESS OF SMP2 (FROM HALCROW)

JY provided a slide show (see Appendix A).

Coastal Hazard Mapping

JY outlines coastal hazard mapping (see Appendix A).

2.1 Scoping Report

JY outlined the need and requirement for the Strategic Environmental Assessment (SEA) and the proposed timescale. The SEA has now been uploaded to the Gateway portal for consultation.

2.2 Proposed Policy Objectives

JY outlined the proposed key policy objectives for SMP2 (see Appendix B).

JY outlined the proposed policy objectives. GP asked if the term "*land quality*" could be changed to "*land character*", SS agreed this would be better.

GP commented on the classification of Developed and Undeveloped coastlines in Scottish Planning Policy documents.

MM requested clarification on the wording of "*minimising flood risk*" or "*reducing flood risk*"; the later is a requirement under the flood risk management act. RM to research and clarify the wording.

Linkage to tourism value was discussed.

JF asked if wind farms would be addressed in SMP2. It was agreed within the CSG that wind farm developments are outside the remit of SMP2 and should be discussed with Marine Scotland as a planning issue.

2.3 Proposed Policy Scenarios

JY outlined the proposed key policy drivers for the scenarios (see Appendix C).

It was noted that the location of the Scottish Water Tay wastewater main could potentially impact the proposed policy scenarios. RM to issue Halcrow with location of Tay wastewater main from Scottish Water Asset Location Plans.

LB requested Network Rail be invited to join the client steering group, due to the close proximity of the East Coast Railway Line to at a number of locations along the coast. RM to invite Network Rail to next Client Steering Group meeting.

MD & RS made the CSG aware for the potential of contaminated land along the frontage in Monifieth and Broughty Ferry. RM to investigate known locations of buried contaminated land along the Monifieth coast line. RS to email known locations of buried contaminated land along the Broughty Ferry coast line. It was also noted the pervious land use at Carnoustie and Dowrie for Bitumen factories may result in contaminants being present in the ground at these locations.

3. OUTSTANDING ISSUES FROM CSG

No outstanding issues noted.

4. NEXT CLIENT STEERING GROUP MEETING (CSG No. 2)

RM advised the CSG that the next CSG meeting No. 3 will be early September, date and location to be issued in due course.

RM requested all members of the CSG who are unable to attend the next Client Steering Group Meeting No. 3 inform him prior to the meeting.

MEETING CLOSED AT 12:40pm


Stage 3: Policy Development

The recommended approach for development of a sustainable plan is through the assessment of policy scenarios, rather than considering locations in isolation.

Aim:
The aim of this task is to identify the appropriate combinations of policies to be appraised for the whole SMP frontage

Involves:

- (a) Identification of key policy drivers;
- (b) Identification of potential policy options;
- (c) Development of policy scenarios for assessment.




Key Policy Drivers

- A **key policy driver** is a feature that has sufficient importance that it potentially has an **overriding influence** upon policy selection at the wider SMP scale.
- Sustaining these features and the benefits derived from them will often be a key requirement at a national or regional level.
- These drivers will give firm direction to the choice of possible policies both at that feature location **and** at other locations that are in some way interrelated.

Examples may include:

- Major Towns / cities
- Power Stations
- Major Ports
- International Environmental Designations



Potential Policy options

- In addition to the policy drivers, the local feature objectives are an important consideration in any assessment of potential policies.
- A screening process using combinations of the key policy drivers and the objectives will be used to define which policy options should be examined at any location.



Draft preferred policies for discussion



HOLD THE LINE (HTL)
maintain or upgrade the level of protection provided by defences



NO ACTIVE INTERVENTION (NAI)
a decision not to invest in providing or maintaining defences

Draft preferred policies for discussion

MANAGED REALIGNMENT (MR)
allow retreat of the shoreline with monitoring and, if appropriate, management to limit or control movement



ADVANCE THE LINE (ATL)
build new defences seaward of the existing defence line



Stage 3: Policy Development Hold the Line

- maintain or upgrade the level of protection provided by defences
- benefits:
 - Protection of existing towns and villages
 - Protection of hinterland heritage features
- issues:
 - Sustainability
 - Availability of funding for defences
 - Loss of beaches
 - Concrete coastline
 - Interruption of sediment drift
 - Impacts on adjacent areas
 - Impacts on nature conservation
- examples:
 - Beach recharge
 - Seawall
 - Groynes
 - Offshore breakwaters




Stage 3: Policy Development No Active Intervention

- a decision not to invest in providing or maintaining defences
- benefits:
 - Allows a naturally functioning coastline
 - Maintains sediment links to downdrift areas
 - Should maintain beaches
 - Some conservation gains
- issues:
 - Failure of existing defences
 - Rapid erosion of previously protected areas
 - Loss of cliff top assets, e.g. towns and villages
 - In low-lying areas; increased risk of flooding
 - Risk of unmanaged breach events
 - Total change to form of coastline




Stage 3: Policy Development Managed Realignment

- allow retreat of the shoreline with monitoring and, if appropriate, management to limit or control movement
- benefits:
 - Allows a naturally functioning coastline
 - Allows management of change
 - Maintains sediment links to downdrift areas
 - Should maintain beaches
 - Some conservation gains
- issues:
 - Monitored/controlled loss/damage to assets.
 - Change to form of coastline
 - Cost of providing set back defences in low-lying areas



Stage 3: Policy Development Advance the Line

- build new defences seaward of the existing defence line
- benefits:
 - Protection of existing towns and villages
 - Possible generation of new development areas
- issues:
 - Cost of providing new defence
 - Increasing cost of defences in the future
 - Sustainability
 - Difficulty in maintaining beaches
 - Concrete coastline
 - Major interruption of sediment drift
 - Impacts on adjacent areas
 - Impacts on nature conservation



Discussion

1. What are the key drivers that you feel should underpin scenario testing for each area?

Consider how these might differ over the three time-scales:
 Immediate (next 20 years)
 Medium (20 to 50 years) and
 Long-term (50 to 100 years)

2. What are the policy options that you feel should be included in scenario testing for each area?

Consider your PRACTICAL VISION for the coastline over the Immediate, Medium and Long term

Consider where there might be possible areas for compromise / acceptable change, especially where the relative importance of issues might alter over time


Stage 3: Policy Development – NEXT STAGES

2: Policy Scenario Assessment

Aim:
To appraise how the coast would evolve under the identified policy combinations and the implications for this for important features along the shoreline.

Involves:

- (a) Assessment of shoreline interactions and responses;
- (b) Assess the achievement of objectives;



Stage 3: Policy Development – NEXT STAGES

3: Additional Assessments

Aim:
To consider the costs/benefits as well as cumulative human and natural implications for policy scenarios.

Involves:

- (a) Socio-economic assessment;
- (b) Strategic Environmental Assessment;
- (c) Habitat Regulations Assessment;
- (d) Water Framework Directive Assessment.



Stage 3: Policy Development – NEXT STAGES

4: Identify Draft Preferred Policy Scenarios

Aim:

To identify the scenario that best achieves the defined shoreline management objectives and is most sustainable, i.e. technically feasible, environmentally acceptable and socio-economically viable.

Involves:

- (a) Review scenario testing to select draft preferred policy scenarios and policy units;
- (b) Stakeholder meeting 3 to discuss draft preferred policies and policy units;
- (c) Define Policy Units;
- (d) Agree preferred policies;



Policy Scenarios for Assessment: Scenario Area I

CPU	SMP 1			SMP 2 Scenario Area I							
	Management Area I	SMP1 Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
I	MU 1/1 Montrose Bay	No Active Intervention (<5-10 years)	No Active Intervention If dune erosion becomes an issue the policy may need to be changed to Limited Intervention to allow dune stabilisation measures.	MU 1/1 Montrose Bay (Milton Ness to Montrose Links)		NAI	NAI	NAI	NAI	NAI	NAI
	MU 1/2 Montrose Golf Course	Limited Intervention / Managed Retreat (relocate golf holes at risk) (<5-10 years)	No Active Intervention	MU 1/2 Montrose Golf Links		MR	MR	MR	MR	MR	MR
	MU 1/3 Splash and GlaxoSmithKline	Hold the Line (<5-10 years)	Hold the Line	MU 1/3 (a) Splash (The Faulds)		HTL	HTL	HTL	MR	MR	MR
				MU 1/3 (b) Montrose Caravan Park		HTL	HTL	HTL	MR	MR	MR
MU 1/4 GlaxoSmithKline			GlaxoSmith Kline		HTL	HTL	HTL	HTL	HTL	HTL	

Policy Scenarios for Assessment: Scenario Area 2

CPU	SMP 1			SMP 2 Scenario Area 2							
	Management Unit 2	SMP1 Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
2	MU 2/1 Harbour and Montrose Railway	Hold the Line (<5-10 years)	Hold the Line	MU 2/1 (a) Montrose Port (north bank – Glaxo to A92 bridge)	Montrose Port	HTL	HTL	HTL	HTL	HTL	HTL
				MU 2/1 (b) Montrose Port (south bank –A92 bridge to Ferryden)	Montrose Port	HTL	HTL	HTL	HTL	HTL	HTL
	MU 2/2 Montrose Basin	Selectively Hold the Line: Hold the line (Taycock, Rossie Island, Western flank) / No active Intervention (part) (<10-15 years)	Selectively Hold the Line: Managed Realignment (part) / Hold the line (part) / No active Intervention (part)	MU 2/2 (a) Montrose West (A92 Bridge to the end of railway defences)	Railway Montrose Montrose Basin SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
				MU 2/2 (b) Montrose West (Railway defences to Tayock River)	Railway Montrose Montrose Basin SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
				MU 2/3 (a) Tayock (Tayock village)	Montrose Basin SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
				MU 2/3 (b) Tayock (Tayock Cemetery)	Montrose Basin SPA / Ramsar	HTL	HTL	HTL	NAI	NAI	NAI
				MU 2/4 West Montrose Basin (west of Tayock to Old Montrose)	Montrose Basin SPA / Ramsar	HTL	HTL	HTL	MR	MR	MR

CPU	SMP 1			SMP 2 Scenario Area 2							
	Management Unit 2	SMP1 Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
				MU 2/5 Old Montrose to Railway Bridge	Montrose Basin SPA / Ramsar	NAI	NAI	NAI	NAI	NAI	NAI
				MU 2/6 Rossie Island to A92	Montrose Basin SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
	MU 2/3 Ferryden to Scurdie Ness	Selectively Hold the Line: Hold the line (Ferryden) / No active Intervention (part) (<5-10 years)	Selectively Hold the Line: Hold the line (Ferryden) / No active Intervention (part)	MU 2/7 Ferryden		HTL	HTL	HTL	HTL	HTL	HTL
				MU 2/8 Ferryden to Scurdie Ness		NAI	NAI	NAI	NAI	NAI	NAI

Policy Scenarios for Assessment: Scenario Area 3

CPU	SMP 1			SMP 2 Scenario Area 3							
	Management Unit 3	SMP1 Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
3	MU 3/1 Scurdie Ness to Rickle Craig	No Active Intervention (<10-15 years)	Selectively Hold the Line: Hold the line (Railway) / No active Intervention	MU 3/1 Scurdie Ness to Rickle Craig	Railway	NAI	NAI	NAI			

Policy Scenarios for Assessment: Scenario Area 6

CPU	SMP 1			SMP 2 Scenario Area 6							
	Management Unit 6	SMPI Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
6	MU 6/1 Victoria Park and Seagate	Hold the Line (<10-15 years)	Hold the Line	MU 6/1 (a) Victoria Park		HTL	HTL	HTL	MR	MR	MR
				MU 6/1 (b) Seagate	Arbroath town	HTL	HTL	HTL	HTL	HTL	HTL
	MU 6/2 Danger Point to Inchcape Park (Arbroath Harbour)	Hold the Line (<10-15 years)	Hold the Line	MU 6/2 Arbroath Harbour	Arbroath Harbour	HTL	HTL	HTL	HTL	HTL	HTL
	MU 6/3 Inchcape Park to West Links	Hold the Line	Hold the Line	MU 6/3 Inchcape Park to Westway Road	Arbroath town	HTL	HTL	HTL	HTL	HTL	HTL
	MU 6/4 West Links to West Haven	Selectively Hold the Line: No Active Intervention (part) / Limited Intervention (part) / Hold the Line (part) (<10-15 years)	Selectively Hold the Line: Hold the Line (part) / Limited Intervention (part) / No Active Intervention (part)	MU 6/4 (a) West Links to Easthaven	Railway	NAI	NAI	NAI	NAI	NAI	NAI
				MU 6/4 (b) Easthaven		NAI	NAI	NAI	NAI	NAI	NAI
				MU 6/4 (c) Easthaven to West haven		NAI	NAI	NAI	NAI	NAI	NAI

Policy Scenarios for Assessment: Scenario Area 7

CPU	SMP 1			SMP 2 Scenario Area 7							
	Management Unit 7	SMPI Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
7	MU 7/1 West Haven to Carnoustie Railway Station	Selectively Hold the Line: Limited Intervention / Hold the Line (<10-15 years)	Selectively Hold the Line: Limited Intervention / Hold the Line	MU 7/1 Westhaven to Carnoustie Station	Carnoustie Railway	HTL	HTL	HTL			
	MU 7/2 Carnoustie Bay	Hold the Line	Hold the Line	MU 7/2 Carnoustie Station to Barry Burn	Carnoustie Carnoustie Golf Course?	HTL	HTL	HTL			

Policy Scenarios for Assessment: Scenario Area 8

CPU	SMP 1			SMP 2 Scenario Area 8							
	Management Unit 8	SMPI Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
7	MU 7/3 Barry Sands East	Hold the Line	Hold the Line	MU 8/1 Barry Sands East	Carnoustie Golf Course? MoD? Firth of Tay and Eden Estuary SAC / SPA / Ramsar	HTL	HTL	HTL	HTL	MR	MR
8	MU 8/1 Buddon Ness and Barry Sands West	No Active Intervention	No Active Intervention	MU 8/2 Barry Buddon & Barry Sands West	MoD? Firth of Tay and Eden Estuary SAC / SPA / Ramsar	NAI	NAI	NAI	NAI	NAI	NAI

CPU	SMP 1			SMP 2 Scenario Area 8							
	Management Unit 8	SMP1 Policies		Revised Management Units	KEY POLICY DRIVERS?	Policies to test – scenario 1			Policies to test – scenario 2		
		Short term	Long term to 2050			0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
	MU 8/2 Monifieth	Hold the Line (<10-15 years)	Hold the Line	MU 8/3 MoD Boundary to west Tayview Caravan Park	Monifieth landfill Firth of Tay and Eden Estuary SAC / SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
	MU 8/3 Monifieth West	Hold the Line (<10-15 years)	Hold the Line	MU 8/4 Monifieth West	Monifieth Firth of Tay and Eden Estuary SAC / SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
	MU 8/4 Barnhill	Hold the Line (<10-15 years)	Hold the Line	MU 8/5 Barnhill to the Esplanade	Railway Monifieth Broughty Ferry Firth of Tay and Eden Estuary SAC / SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
	MU 8/5 Broughty Ferry East	Hold the Line (<10-15 years)	Hold the Line	MU 8/6 Broughty Ferry East	Broughty Ferry Firth of Tay and Eden Estuary SAC / SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL
	MU 8/6 Broughty Ferry	Hold the Line (<10-15 years)	Hold the Line	MU 8/7 Broughty Ferry	Broughty Ferry Firth of Tay and Eden Estuary SAC / SPA / Ramsar	HTL	HTL	HTL	HTL	HTL	HTL

B.4.4 Client Steering Group Meeting 3

The purpose of this meeting was to present, discuss and agree in principle, the preferred policy scenarios identified along the SMP 2 coast.

B.4.4.1 CSG 3: Agenda

ANGUS COUNCIL SHORELINE MANAGEMENT PLAN 2

CLIENT STEERING GROUP MEETING No. 3

10:00 Thursday 25th October 2012

AGENDA

1.0 Introduction

1.1 Aims of today

2.0 SMP2 progress update

2.1 Overview of work undertaken to date

2.2 Where we are now

3.0 Policy Development

3.1 Outline the policy development process

4.0 Draft Preferred Policies

4.1 Unit by unit discussion

4.2 Agreement of preferred policies for consultation

5.0 What happens next

5.1 Draft SMP2 document

5.2 Public consultation

6.0 Any Other Business



ANGUS COUNCIL SHORELINE MANAGEMENT PLAN 2

CLIENT STEERING GROUP MEETING No. 3 MINUTES

Date / Time: 25.10.12 @ 10:00am
Location: The Cross, Forfar

Present:

Mark Davidson	(MD)	Angus Council (AC)
Richard Meeson	(RM)	Angus Council (AC)
Jackie Young	(JY)	Halcrow (HC)
Ailsa Collin	(AO)	Halcrow (HC)
Sam Box	(SB)	Halcrow (HC)
Fraser Milne	(FM)	University of Dundee (UD) (Sub consultant to Halcrow)
Ross Speirs	(RS)	Dundee City Council (DC)
Andrew Stevenson	(AS)	Historic Scotland (HS)
Steve McFarland	(SM)	SEPA
Mark Moore	(MM)	Scottish Natural Heritage (SNH)
Gordon Pyper	(GP)	Angus Council - Planning (ACP)
Craig Carr	(CC)	Scottish Water

Apologies:

Joy Fotheringham	MOD
Laura Booth	Tay Estuary Forum
Duncan Inglis	Angus Council -Environmental Management (ACM)
Willie Murdoch	Aberdeenshire Council

1. INTRODUCTION

All parties were welcomed to the meeting and each person introduced themselves to the group.

JY outlined the aims of the meeting to members

2. SMP2 PROGRESS UPDATE (FROM HALCROW)

JY gave an overview of the work undertaken to date and outlined where SMP2 is presently, it was noted the economic assessment is not quite complete, but this is due to be completed shortly.

3. POLICY DEVELOPMENT

SB outlined the policy development process, it was noted that Shoreline Management Plans should be reviewed every 5-10years. We are looking at three epochs for each of the scenario areas presented (0-20 years, 20-50 years and 50-100 years).

SB outlined the proposed management options:

- NAI – No Active Intervention
- MR – Managed Realignment
- HTL – Hold the Line

4. DRAFT PREFERRED POLICY

Some of the coastal management units have been re-defined for SMP 1, to allow for ease of use for users and greater understanding of coastal dynamics within each unit.

SB outlined each management unit and invited the Client Steering Group to comment.

Please see tables below for proposed policy scenarios, the comments below highlight discussions had on certain scenarios.

• Management Unit 1 - Montrose

Revised Management Units	Policies to test – Scenario A			Policies to test – Scenario B			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 1/1 Montrose Bay (Milton Ness to Montrose Links)	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI
MU 1/2 Montrose Golf Links	MR	MR	MR	MR	MR	MR	MR	MR	MR
MU 1/3 (a) Splash (The Falds)	HTL	HTL	HTL	MR	MR	MR	HTL	HTL	MR or HTL
MU 1/3 (b) South Links Holiday Park	HTL	HTL	HTL	MR	MR	MR	HTL	HTL	MR or HTL
MU 1/4 GlaxoSmithKline	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL

- o **MU 1/2** – preferred option **MR** over all epoch (time scales). GP commented the old airfield as a potential area for development which could impact the preferred **MR** option.
- o **MU 1/3a & b** – preferred option **HTL** over the short & medium term and **MR** over the long term. It was agreed that a caveat on the **MR** should be included, to monitor possible future change and if erosion / accretion patterns changed in the future the long term policy should be revised. The proposed **MR** was discussed; GP asked if the **MR** would impact MU1/4? FM said it was unlikely as MU 1 behaves in a cyclonic unit with periods of erosion & accretion. CC asked what type of modelling had take place at Montrose; FM responded stating sediment-logical samples had been taken, mathematic analysis was used and historic records were assessed. Further monitoring of sediment movement within Montrose Bay was ongoing. Further discussions with Montrose Port Authority regarding the beneficial use of dredged material from the South Esk Channel as part of a hold the line / managed realignment policy should continue.

- **Management Unit 2 - Montrose Basin**

Revised Management Units	Policies to test – Scenario A			Policies to test – Scenario B			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 2/1 (a) Montrose Port (north bank – Gbro to A92 bridge)	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 2/1 (b) Montrose Port (south bank – A92 bridge to Ferryden)	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 2/2 (a) Montrose West (A92 Bridge to the end of railway defences)	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 2/2 (b) Montrose West (Railway defences to Tayock Row)	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 2/3 (a) Tayock (Tayock village)	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 2/3 (b) Tayock (Tayock Cemetery)	HTL	HTL	HTL	NAI	NAI	NAI	HTL	HTL	HTL
MU 2/4 West Montrose Basin (west of Tayock to Old Montrose)	HTL	HTL	HTL	MR	MR	MR	MR	MR	MR
MU 2/5 Old Montrose to Railway Bridge	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI
MU 2/6 Rossie Island to A92	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 2/7 Ferryden	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 2/8 Ferryden to Scurdie Ness	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI

- **MU 2/3b** – preferred option **HTL** over all epochs. It was noted by MD that it is localised **HTL** at the Tayock Cemetery and other sections which have man made coastal defences. The responsibility of maintaining these defences would lie with the landowner as Angus Council would not finance coastal defences on private land.
- **MU 2/8** – preferred option **NAI** over all epochs. GP made the Client Steering Group aware of Central Governments potential long term plan / strategy (identified within the transport strategy) to dual track the North East Coast railway line. RM stated Network Rail will be passed a copy of the meeting minutes for their comment but was not aware of any immediate Network Rail proposals on this topic.

- **Management Unit 3 –Scurdie Ness to Rickle Craig**

Revised Management Units	Policies to test – Scenario A			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 3/1 Scurdie Ness to Rickle Craig	NAI	NAI	NAI	NAI	NAI	NAI

- **Management Unit 4 – Lunan Bay**

Revised Management Units	Policies to test – Scenario A			Policies to test – Scenario B			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 4/1 Lunan Bay	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI
MU 4/2 Corbie Knowe	NAI	NAI	NAI	HTL	NAI	NAI	HTL	NAI	NAI

- o **MU 4/2** – preferred option put forward **HTL** over the short term with **NAI** over the medium and long term. MD stated the defences at Corbie Knowe were private and ad-hoc in nature. It should be noted that defences will fail within the next 20 years; **NAI** is therefore the preferred scenario in all three epochs. Halcrow are to ensure justification is stated within SMP2 for the **NAI**.

- **Management Unit 5 – Lang Craig to Whiting Ness**

Revised Management Units	Policies to test – Scenario A			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 5/1 Lang Craig to Whiting Ness	NAI	NAI	NAI	NAI	NAI	NAI

- o **MU 5/1** – preferred option **NAI** over all epochs. It was agreed to let natural processes continue within the unit. CC confirmed the location of the septic tank at Auchmithie (part way up the harbour access track) is to remain, but potential links to main sewage lines maybe considered in the future subject to regulatory drivers.

- **Management Unit 6 – Arbroath to Westhaven**

Revised Management Units	Policies to test – Scenario A			Policies to test – Scenario B			Policies to test – Scenario C			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 6/1 (a) Victoria Park	HTL	HTL	HTL	MR	MR	MR	HTL	HTL	HTL	HTL	HTL	HTL
MU 6/1 (b) Seagate	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 6/2 Arbroath Harbour	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 6/3 Ischape Park to Westway Road	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL	HTL
MU 6/4 (a) West Links to East Haven	NAI	NAI	NAI	NAI	NAI	NAI	HTL	HTL	HTL	HTL	HTL	HTL
MU 6/4 (b) East Haven	NAI	NAI	NAI	NAI	NAI	NAI	HTL	HTL	HTL	NAI	NAI	NAI
MU 6/4 (c) East Haven to West haven	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI

Typo on heading of the slide, should read Westhaven not Easthaven

- o **MU 6/4a** – preferred option localised **HTL** over all epochs, but the majority of the coast would not require intervention under this policy, therefore letting natural processes continue; FM confirmed sediment moves south within this unit. Halcrow are to ensure justification is stated within SMP2 for the **HTL** scenario.

- **Management Unit 7 – Carnoustie**

Revised Management Units	Policies to test – Scenario A			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 7/1 West Haven to Carnoustie Station	HTL	HTL	HTL	HTL	HTL	HTL
MU 7/2 Carnoustie Station to Barry Burn	HTL	HTL	HTL	HTL	HTL	HTL

- o It was noted by FM that the cyclical movement of sand within the mouth of the river Tay, may impact this management unit. It was noted that recently the Angus coastline, has shown signs of accretion, whilst beaches in Fife are showing signs of erosion. FM commented this is a dynamic area of the coastline and requires continued monitoring.

- **Management Unit 8 – Buddon Ness**

Revised Management Units	Policies to test – Scenario A			Policies to test – Scenario B			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 8/1 Barry Sands East	HTL	HTL	HTL	HTL	MR	MR	HTL	HTL	MR or HTL
MU 8/2 Barry Buddon & Barry Sands West	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI	NAI

- o **MU 1/8** – preferred option **HTL**, although it was noted that if the MOD vacated the site, a **MR** scenario over the long term would be justifiable. MD said a location within this unit is the favoured location for the landfall of the electrical cable for a proposed off-shore wind farm.

- **Management Unit 9 – Monifieth – Broughty Ferry**

Revised Management Units	Policies to test – Scenario A			Draft Preferred Scenario		
	0-20 yrs	20-50 yrs	50-100 yrs	0-20 yrs	20-50 yrs	50-100 yrs
MU 9/1 MoD Boundary to west Tayview Caravan Park	HTL	HTL	HTL	HTL	HTL	HTL
MU 9/2 Monifieth West	HTL	HTL	HTL	HTL	HTL	HTL
MU 9/3 Barnhill to the Esplanade	HTL	HTL	HTL	HTL	HTL	HTL
MU 9/4 Broughty Ferry East	HTL	HTL	HTL	HTL	HTL	HTL
MU 9/5 Broughty Ferry	HTL	HTL	HTL	HTL	HTL	HTL

5. WHAT HAPPENS NEXT

JY outlined the process and timescale for developing a draft copy of SMP2, by mid / end of November 2012. Here after, public consultation will start for at least 3 months. This will run in parallel to the SEA, HRA and WFD consultations.

JY asked the CSG for ideas and comments on methods of public consultation. CSG to put forward ideas on public consultation to RM.

6. ANY OTHER BUSINESS

SM said it was important to ensure that linkages to the Flood Risk Management Strategies (which are required under the Flood Risk Management Act (Scotland) 2009) are made. Whilst the basic principles underlying the appraisal in the two processes are the same, in order to minimise the risk of contradiction it would be important to ensure that the full datasets used by Halcrow were made readily available to the FRM Strategy consultant when a request is made by SEPA in the near future.

SM noted that although the SMP was a strategic document and did not outline detailed plans for further projects (works and studies) it would be very useful for the Council to review the next steps and set out a programme of works and studies it hoped to promote including any that it felt might require application for central funding. These should be shared with the other stakeholders including SEPA in order to assist with gaining a better national understanding of such requirements. SB noted that this could form part of the Action Plan accompanying the SMP. (NB this will also help inform a data request from SEPA in the coming weeks concerning Local Authority programme of flood risk management works which will in turn help inform the Flood Risk Management Strategies).

SM noted that where the policy was changing from HTL to NAI or MR and where property would be adversely affected as a result, the Council should give consideration to adaptation in advance of the final SMP2 being published. This might help to answer questions at consultation stage concerning such situations.

It was noted by the CSG that the post publication and adaptation stages of SMP, should be incorporated within SMP2. It would be beneficial if there was a general section on adaptation, which could be developed for specific sites once the policies in SMP2 had been approved. SB said this could incorporate the routing of emergence services, critical access paths - which would be used to evacuate people from potentially flooded areas and any future developments both on/off shore which would affect the Angus coastline. It was agreed with members of the CGS that by including an "Adaption Section" would demonstrate to those people adversely affected by the policies within SMP2 had not been completely forgotten and consideration on critical access paths and emergency responses had been considered, this could be useful in the public consultation phase of SMP2. Adaptation may also be covered in local Flood Risk Management Strategies and therefore SEPA will need to keep up to date on how this progress in Angus to minimise the risk of contradictions between plans.

MD thanked everyone for their attendance at the meeting and closed the meeting

Annex B1