

8. Monitoring and Review

This Plan needs to be flexible with an ability to adapt to changing pressures such as climate change, new technologies, new information and legislation.

The Marine (Scotland) Act introduces a new system of marine planning for Scotland which requires a National Marine Plan and allows Regional Marine Plans to be developed. Marine planning at the regional level may be undertaken by Marine Planning Partnerships for specific Scottish Marine Regions and this plan will be integrated into any future planning system.

8.1 Implementation and Review

The Loch Etive ICZM plan aims to provide guidance for Local Authority planners, other regulators, and stakeholders on the future use and development of the marine waters and surrounding coast of Loch Etive for the next five years (2011 – 2016).

Argyll and Bute Council's Marine and Coastal Development Unit will undertake the following throughout the Plan period:

- Continue to coordinate the Loch Etive ICZM group and organise and facilitate meetings where appropriate;
- Facilitate implementation of Plan recommendations;
- Update and revise the plan where necessary;
- Encourage and assist in the development of research projects that will aid future management of Loch Etive, and
- Continue to increase awareness and understanding of Loch Etive and its management.

8.2 Monitoring

Argyll and Bute Council will monitor the implementation of this Plan and its effectiveness on an ongoing basis. The monitoring will assess:

- Development applications for marine and coastal development in the coastal zone of Loch Etive to determine whether they were consistent with plan policies;
- Feedback on the extent to which the Plan has been used and referred to by developers and regulatory authorities, and
- Feedback from local stakeholders, communities, developers, and regulatory authorities on how useful and user-friendly the plan is.

It is anticipated that a short monitoring report will be produced by the Marine and Coastal Development Unit on an annual basis to assist frequent review of the Plan.

9. Action Plan

The following actions have been identified from recommendations detailed in sections 5 and 6 of the Plan and the requirements for monitoring and review outlined in Section 7. This five year action plan will be reviewed annually and implemented by the Council's Marine & Coastal Development Unit (MCDU) in partnership with relevant regulators, stakeholders and other Council departments. Inclusion of actions in this plan does not guarantee that funding will be available.

<i>Implementation and review of plan</i>					
	Action	Detail	Lead & (relevant partners)	Target delivery	Resources
1	Continue to coordinate the Loch Etive ICZM group and organise and facilitate meetings where appropriate	Future liaison and occasional meetings with the ICZM group will be necessary to monitor, implement and revise the plan	MCDU (Loch Etive ICZM group)	Ongoing	Officer time (MCDU)
2	Produce an annual monitoring & implementation report	Development decisions, level of use and usability will be monitored where practical to allow the effectiveness of the plan to be measured	MCDU	Annually	Officer time (MCDU)
3	Update and revise the plan where necessary	The Plan will be revised where necessary in light of the annual monitoring and implementation report, new information, research and changes in technology	MCDU (relevant regulators & stakeholders)	Annually	Officer time (MCDU)
4	Produce Data Management Plans to ensure spatial data used in the plan is updated at appropriate intervals	It is important that the spatial information on which the plans guidance and policies are based is kept up to date	MCDU & Development Services GIS team	March 2012	Officer time (MCDU & GIS)
5	Make the Plan and its spatial information publically available through the web-based interactive GIS system (Localview) or online Local Plan system One Spatial	This will make the Plan available in an interactive format, where the most up to date information and individual layers of spatial data can be viewed via an interactive GIS tool	MCDU & Development Services GIS team	March 2012	Officer time GIS project (MCDU & GIS)
6	Undertake full review and update of the Plan	This detailed 5 year review will involve all stakeholders and be subject to public consultation	MCDU (Loch Etive ICZM group)	2015	Officer time (MCDU)
7	Encourage the use of the Plan to ensure well-informed development applications and well-balanced decisions are made during the development application process	The Plan will be distributed to relevant stakeholders and regulators, and made accessible on the Council website	MCDU (relevant regulators & stakeholders)	Ongoing	Officer time (MCDU)

Improving knowledge

	Action	Detail	Lead & relevant partners	Target delivery	Resources
8	Encourage and assist the development of research projects that will aid future management of Loch Etive	Further research is required to inform and improve planning and management for coastal areas, in particular the research needs identified by Plan recommendations	MCDU (relevant agencies)	Ongoing	Officer time (MCDU)
9	Explore the potential to assist the objectives of the Argyll Bio-security Plan in the collection of data on distribution and abundance of marine and coastal invasive non-native species in and around Loch Etive	The ability to map the distribution and spread of INNS is essential in developing effective control and eradication programmes. Any proposals would need to meet the objectives of the Argyll Bio-security Plan and Argyll Invasive Species Forum	MCDU, AFT, A&B Biodiversity	June 2012	Officer time (MCDU)
10	Undertake a detailed resource assessment for tidal energy in Loch Etive.	A resource assessment would identify whether there are any opportunities for local communities to benefit from tidal energy development.	MCDU, Scottish Government, Energy companies	June 2012	
11	Collate existing, or if required new, tidal data for Loch Etive to assist identification of technically viable areas for aquaculture development.	Tidal data would assist identification of areas that are both suitable and unsuitable for finfish and shellfish development in Loch Etive.	MCDU, SAMS, AFT	March 2012	
12	Support and assist where appropriate, the development of a sea lice dispersion model for Loch Etive	Such a project could improve knowledge and potentially provide additional guidance for this Plan in relation to assessing the risk of the transfer of sea lice from farmed to wild salmonids.	Local AMG MCDU	Ongoing	Officer time (MCDU)

Sustainable use/development

	Action	Detail	Lead & relevant partners	Target delivery	Resources
13	Assist landowners and recreational users in managing access to the coast, where appropriate.	Work with relevant stakeholders to address existing access issues and to help identify solutions or opportunities for improved access for recreational activities.	MCDU, A&B Access (relevant stakeholders)	Ongoing	Officer time (MCDU/ Access)
14	Develop guidance to assist developers build in bio-security measures into marine and coastal development proposals.	Guidance would assist developers manage the risk associated with spreading and introducing invasive non-native species.	MCDU, SAMS, The Green Blue, SNH, SEPA	June 2012	Officer time (MCDU)

Integration with other plans & planning processes

	Action	Detail	Lead & relevant partners	Target delivery	Resources
15	Ensure the integration of the Loch Etive ICZM Plan with other planning processes, including River Basin Planning and the work of any future Inshore Fisheries Group (IFG).	Argyll and Bute Council is a member of the Argyll and Lochaber Area Advisory Group and would be represented on the Advisory Group of any future IFG. This will ensure the policies and recommendations set out in this Plan are considered where appropriate in the development and implementation of the Argyll and Lochaber Area Management Plan, and the future South West IFG Management Plan.	MCDU, SEPA, IFG	Ongoing	Officer time (MCDU)

Voluntary management

	Action	Detail	Lead & relevant partners	Target delivery	Resources
16	Produce guidance for recreational sea anglers on fishing close to aquaculture sites.	Guidance would be targeted at sea angling groups and associations in order to highlight the hazards associated with fishing near aquaculture equipment.	MCDU, SSACN, NLB	June 2012	Officer time (MCDU)

Acronyms used in Action Plan table

A&B – Argyll and Bute
AFT – Argyll Fisheries Trust
AMG – Area Management Group
IFG – Inshore Fisheries Group
MCDU – Marine & Coastal Development Unit
NLB – Northern Lighthouse Board
SAMS – Scottish Association for Marine Science
SEPA – Scottish Environment Protection Agency
SNH – Scottish Natural Heritage
SSACN – Scottish Sea Anglers Conservation Network