NATIONAL OUTCOMES **ACHIEVING THE** MARINE VISION **What Success** Looks Like **Building the success** of the sectors for which we have direct responsibility to ensure sustainable We realise our full potential with more economic growth, which means and better employment opportunities for people. people. Growing the overall economic value of the sustainable way; We value our built and Making a big natural environment and protect and enhance it for future Growing the value of generations the aquaculture sector, within Scotland's marine 'carrying capacity'; • Ensuring a viable and sustainable fishing industry; • Recognising the needs of, and opportunities presented by, Scotland's sea ports; Encouraging • Providing the framework within which marineand facilitating based recreational developments in activities like wildlife renewable energy, flourish; including wave, tidal, wind energy • Promoting thriving and

generation and carbon capture; (in addition to seeking to ensure sustainable fishing and aquaculture

activity) encouraging and assisting an environmentally sustainable fishing

processing activity;

fleet and fish

Managing our own activity and assets so as to minimise our carbon footprint, whilst maintaining operational effectiveness.

Whilst also contributing to the principles of the following national outcomes

we reduce the local and global impact of our consumption and production;

- we live in a Scotland that is the most attractive place for doing business in Europe;
- we have strong, resilient and supportive communities where people take responsibility for affect others;
- we are better educated, more skilled and more successful, renowned for our research and innovation:
- our public services are high quality, continually improving, efficient and responsive to local people's needs.

- marine environment in a
- contribution to Scotland's renewable energy targets;

- tourism and angling can
- safe coastal communities. Maintaining or improving the

environmental quality and diversity of Scotland's seas through:

- **Introducing new** measures to conserve important marine sites and species;
- Ensuring that marine planning and licensing take account of environmental capacity and sensitive locations;
- Working to achieve good environmental status and to meet our other objectives and commitments under the EU Marine Strategy Framework Directive (MSFD), Water Framework Directive (WFD) and Natura 2000.

planning recognises and supports other activity, such as shipping, and oil and gas, for which we do not have direct responsibility.



their own actions and how they

Underpinning all of this mitigate and adapt to the effects of climate change on the marine environment. The seas also have a crucial role to play in reducing greenhouse gas emissions, ensuring food security and contributing to wider strategic aims and outcomes (for example related to health and well-

being).

MS CONTRIBUTION /
STRATEGIC PRIORITIES

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MS CONTRIBUTION / STRATEGIC PRIORITIES	Work Strand
Ensure a sound evidence base to inform the development and delivery of marine policy, planning and services.	Evidence
	Marine Planning
	GES

Work towards achieving good environmental status, through our marine planning, licensing and other functions, to help ensure a healthy and sustainable environment.

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	ST	TRATEGIC PL	AN DELIVERABLES AND KEY BUSINESS ACTIVITIES	TAR	GET DA	TES	STATUS	COMMENTS	LINK
	Work Strand	Division	Deliverables	2011 -12	2012-13	2013- 14			
			Fulfil statutory fisheries data collection requirements to underpin the evaluation of fisheries and their effects on the marine ecosystem	On- going	On- going	On- going	Ongoing	This has been a challenging due to the decrease of Fisheries Observers this year however this issue will be addressed by a recruitment campaign which is underway	
			Maintain and expand as appropriate UKAS accreditation under ISO17025 and ISO17020 and other quality systems as appropriate	Feb-12	Feb-13	Feb-14	Ongoing	Annual review completed successfully with very few non compliances. The Laboratory Information Management System (LIMS) will form part of next years review.	
			Implement data management strategy	Mar-12	Mar-13	Mar-14	Ongoing	Ongoing multi divisional approach however progress in some areas has been affected by SCOTS implementation.	
			Improved methodology for fisheries assessments and wider environmental assessments	Mar-12			Ongoing	Assessments with respect to salmon conservation limits are being developed. Analysis of MSS long term data sets are being inputted into the development of national water quality standards for water framework directive.	
			Annual Review of MSS	Mar-12	Mar-13	Mar-14	On track	Contents of review have been agreed with Chair of Science Advisory Board. Document will be produced by end May 2012	Available May -June 2012
			Facilitate regular Policy/Science awareness events and joint events with stakeholders and industry (SR)	On- going	On- going	On- going	Ongoing	Ongoing with cross functional events and joint attendance at wider stakeholder and industry events.	
			Disseminate evidence to industry and other stakeholders through appropriate mechanisms	On- going	On- going	On- going	Ongoing	This is an ongoing activity and the methods for dissemination will be refined due to ongoing discussions and closer working with industry and stakeholders.	
			Implement a laboratory information management system (LIMS) and maximise use across MSS	Nov-11	Mar-13		Achieved	Launched Dec 2012.	
			Deliver surveillance and regulatory requirements of EU Fish Health Directive	Mar-11			Achieved	Delivered. Including achievement of surveillance in support of oyster herpes virus freedom enabling controls on imports that risk introduction of this disease to Scotland.	
			Provide regulation under the Aquaculture and Fisheries (Scotland) Act	Mar-12			Achieved	Delivered. Much of work has been managing expectations between aquaculture and wild fish stakeholders.	
			Complete surveillance to achieve official ISA freedom for South West Shetland.	Mar-12			Achieved		http://scotland.gov.uk/Topics/marine/science/Publications/publicationslatest/farmedfish/SWShetlandISAFree
1			Provide a programme of scientific research and socio-economic analysis underpinning evidence and advice in support of development of Aquaculture policy, regulation and promotion of fish health	Mar-12			Achieved		
			Maintain the National Reference Laboratory for fish and shellfish disease diagnosis	Mar-12			Achieved	Achieved for 2011/2. Maintained ISO accreditation and attained 100% success in EU test of all National Reference Laboratories.	
	Evidence	Science	Achieve practical completion of Marine Laboratory Ellis building (FVA capital project).	Dec-11			Ongoing	Issue is impacting on MSS ability to deliver specific outputs and progress towards practical completion to be reviewed 23 March 2012	
	Evidence	Science	Publication of the annual Scottish Sea Fisheries Statistics bulletin	Sep-11	Sep-12	Sep-13	Achieved	2010 SFS Bulletin published Sept 2011	www.scotland.gov.uk/Publications/2011/09/09155012/6
			Completion of scoping st udy and Regional Locational Guidance for offshore wind farm development in Scottish waters	Mar-12			On track	Scoping Study published November 2011. Regional Locational Guidance in preparation - target completion date now June 2012 - www.scotland.gov.uk/Publications/2011/11/28104658	www.scotland.gov.uk/Publications/2011/11/28104658/0
			Provide spatial data and analyses to support production of the National Marine Plan		Aug-12		On track	Selected updated NMP chapters reviewed and commented on. Revised aquaculture maps produced. First drafts of aquaculture exclusion zones produced Feb 2012.	
			Provide scientific support to SNH & JNCC for site identification survey work	Mar-12			Achieved	All site selection cruises completed. MSS staffed and led 5 research cruises enabling data collection by SNH and JNCC.	
			(Scottish MPA project) Provide scientific support for SNH / JNCC surveys of selected MPA / SAC		Mar-13		Ongoing	MSS continued to provide spatial data on PMFs from existing surveys to inform the site selection process. Scotia cruise programmed and staff identified for July to assist JNCC with survey of Rosemary Bank. Further surveys of	
			sites Commence BACI study to monitor effects of MPA implementation at selected	Oct-11		0-4.42		offshore search areas for PMFs scheduled for 2012. Project underway. First (before measures) research cruise scheduled and work ongoing to identify suitable site.	
			Sites		Dec-12				
			Conduct collaborative research with academia through the MASTS alliance Scope the potential for establishing migration routes of salmonid fishes in	Mar-12	Mar-13	War-14	Ongoing	This year a number of MASTS Phd studentships awarded and wider collaboration with MASTS has been actively sought. Scoping study completed with report to be published end March 2012. The scoping study has informed plans for MSS study	
			coastal waters Report on the relationship between marine mortality of sea trout and levels of	Mar-12 Mar-12			Achieved	to fill in knowledge gaps. Draft paper produced and currently subject of consultation	
			sea lice on fish farms in the Shieldaig region Report on the effectiveness of Tongland fish pass in facilitating upstream						
			movements of salmon Greater integration and incorporation of economics into marine science &			May-13	Achieved	Report completed earlier than planned and will be published March 2012. Majority of 2011/12 milestones met and the remainder pushed back to early 2012/13. Intention to present progress to	
			policy making (e.g. through development of the Scottish Marine Appraisal Framework).	On- going			On track	MSB in summer 2012. Consideration being given to the potential to amalgamate findings into the Sustainability Appraisal process.	
			Establish routine industry fishery science courses and engagement events to enhance mutual understanding and assist buy-in to science	Oct-11	On- going	On- going	Achieved		
			Plan a scientific cruise programme in conjunction with other relevant organisations to make optimum use of available vessels	Jan-12	Jan-13	Jan-14	Achieved	Completed for Financial year 2012/3.	
			Consult on 2nd draft plan (Public consultation on Draft National Plan)	Oct/ Nov 2011			Delayed	Responses to Pre-consultation consultation analysed and taken into account for the public consultation in 2012	
			Scotland's National Marine Plan: Interim SA Report	Jun-11			A.L.		
	Marine Planning		Publish response to Scotland's National Marine Plan: pre-consultation draft Lay regulations setting out boundary of regions	Jul-11	May/June 2012		Achieved		
			Adoption of National Marine Plan		2012		Delayed	Delayed - now by 2013	
			Scottish Marine Regions consultation report	Oct-11					http://scotland.gov.uk/Publications/2011/10/24105640/0
	GES		Initial assessment of Good Environmental Status – including targets and indicators		Oct-12				
	313		Consult on delivery of Marine Strategy Framework Directive	Mar-12				Consultation published on 27 March 2012 & closes 18 June 2012	http://www.scotland.gov.uk/Topics/marine/seamanagement/ international/msfd
	Nature		Finalise proposals for MPA network and review Marine Nature Conservation Strategy		Dec-12		On track	4 workshops have provided an opportunity for stakeholders to influence network design and SNH and JNCC will finalise proposals in October 2012	http://scotland.gov.uk/marinescotland/mncstrategy
	Conservation	Policy and Planning	Consult on seal 'haul-out' sites.	Jun-11	Summer			Public consultation 22 March to 21 June 2012	
			Environmental Strategy		2012		Delayed	Work to date has focussed on marine litter strategy	
			Introduce new marine licensing system	Apr-11				Launched 6 April 2011	http://www.scotland.gov.uk.Topics/marine/Licensing/marine/
			A Guide to Marine Licensing (2011) – published 16/11/2011	Nov-11	C			Published 16 November 2011	general
			Marine Renewables Licensing Manual		Summer 2012		On Track	Draft with developers for views in the Summer	http://scotland.gov.uk/Topics/marine/Licensing/marine/ LicensingManual
	Licensing		Licensing Policy Guidance – Survey, Deploy and Monitor Policy – Being trialled by MSLOT						http://www.scotland.gov.uk/Topics/marine/Licensing/marine/sdm
	Licensing		Deliver 200 licenses	Mar-12			On Track	On track to deliver 300 licenses by end March 2012	
			Consultation on Registerable Marine Activities and on Marine Licence Applications Requiring Pre-Application Consultation	Mar-12	Jun-12		Achieved		http://www.scotland.gov.uk/Publications/2012/03/2695
			Consult - Marine Licensing Exemption Orders - amendments	Sep-11			Complete	The Marine Licensing (Exempted Activities)(Scottish Inshore and Offshore) Amendment Order 2012 - Made 02/2/2012 Came into force 03/2/2012	http://www.legislation.gov.uk/ssi/2012/25/contents/made
			Short Life Task Force on Streamlining Energy Development Licensing and Consents	Mar-12	Jul-12		On Track	Report was published on 9 February 20012 and progress made on all 8 recommendations.	http://www.scotland.gov.uk/Topics/Business-Industry/Energy/ Energy-sources/19185/OffshoreTFReport

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NATIONAL OUTCOMES	ACHIEVING THE MARINE VISION	MS CONTRIBUTION / STRATEGIC PRIORITIES	STRATEGIC DI AN DELIVERARI ES AND RE		N DELIVERABLES AND KEY BUSINESS ACTIVITIES	TARC	TARGET DATES STATU		COMMENTS	LINK	
	What Success		Work Strand Divis	vision	Deliverables	2011 -12	2012-13	2013-			
	Looks Like			R	Research Implementation Strategy (RIS) published 16/01/2012	Jan-11			Published 16 January 2012		
	Building the success of the sectors for			-		May-12			Due to complete end May 2012	http://scotland.gov.uk./Topics/marine/marineenergy/ris	
	which we have direct			⊢	farine Renewables (Wave and Tidal) Sustainability Appraisal - Report		Sep-12	On Track	Due to complete end September 2012		
	responsibility to ensure sustainable				commence Stage 3 marine renewables spatial planning policy guidance,		Mar-13	On Track	Due to complete March 2013		
We realise our full potential with more	economic growth, which means	Promote the marine renewables		-	Review the Offshore Wind Energy Plan to include additional options within				· · · · · · · · · · · · · · · · · · ·		
and better employment opportunities for		industry in Scotland through streamlined planning and	Renewables		Scottish Waters (0 to 200 nautical miles)		May-13	On Track	Due to complete May 2013; Scoping out to 200nm published 29 November 2011		
people.		regulatory frameworks.	Reflewables		Produce a Marine Renewables Energy Plan for Scottish Waters (0 to 200 nautical miles)		May-13	On Track	Due to complete May 2013; Separate Wave and Tidal Plans to be produced		
BU	Growing the overall	Ĭ		<u> </u>	Coming S tudy for Offshore Wind Form Development in Scottish Waters	Feb-12		Complete	Dublished on 20 Nevember 2011		
A L	economic value of the marine environment in a			<u> </u>	out to 200nm)	rep-12			Published on 29 November 2011	http://www.scotland.gov.uk/Publications/2011/11/28104658/0	
O	sustainable way;			-	idal Scoping Report		Jul-12		Due to complete July 2012	-	
We value our built and natural environment	Making a big contribution to Scotland's			-	Vave Scoping Report		Jul-12		Due to complete July 2012		
and protect and	renewable energy targets;	-			Vind Plan Consultation		Oct-12		Wind, Wave and Tidal being consulted on together October 2012 - February 2013		
enhance it for future generations	• Growing the value of the aquaculture sector,			_	1 1	Dec-11		Achieved	Draft produced (published February 2012). Further consideration/development work underway		
	within Scotland's marine 'carrying capacity';				ake forward Scottish Government actions in "Delivering Planning Reform for equaculture 2" and report at Ministerial Group	Nov-11	Apr-12	Delayed	Now aiming to report in June 2012		
	Ensuring a viable and	Promote sustainable, profitable and well managed fisheries		R	Report and response to Permitted Development Rights Consultation	Nov-11		Delayed	Ministerial consideration complete. New arrangements to be announced/in force by June 2012.		
	sustainable fishing industry;	and aquaculture industries in	A	Р	Permitted Development Rights Statutory Instrument	Dec-11		Delayed	As above		
	• Recognising the needs	Scotland.	Aquaculture	s	cottish International Aquaculture Health Symposium	Mid November 2011		Achieved	Successful sea lice symposium meeting held in Edinburgh		
	of, and opportunities presented by, Scotland's			R	Revise Scottish aquaculture strategy and Working Group	Nov-11		Delayed	Need for further consideration in light of e.g. aquaculture and fisheries bill consultation etc. MGA being re-established June	http://www.scotland.gov.uk/Publications/2011/03/14164543/0	
	sea ports;							Joinyeu	2012 Consultation launched 12 December 2011, with subsequent related consultation on Environmental Report and partial		
Encouraging and facilitating	Providing the framework within which marine- based recreational			ormance, ulture and	Consult on possible Aquaculture/Fisheries Bill	Dec-11	Jul-12	Achieved	Business and Regulatory Impact Assessment. Analysis of main consultation responses underway. Autumn introduction announced		
developments in renewable energy,	activities like wildlife tourism and angling can		Recrea	eational –	Publish freshwater fisheries management good practice guidance	Mar-12		Ongoing	Stakeholder developed Code to be launched Autumn/ September 2012		
including wave,	flourish;			-	Publish Freshwater Fisheries Good Practice Guidance on Stocking	Mar-12		Ongoing	To follow Code above.		
tidal, wind energy generation and carbon	Promoting thriving and safe coastal communities.		Recreational Fisheries	P	Publish a strategy for recreational angling	Mar-12		Ongoing	Stakeholder Study Group Report submitted to SG March 2012	1	
capture;	Maintaining or	Ensure sustainably managed		D	Develop proposals for ongoing modernisation of management of Scotland's		Jul-12	Ongoing	In parallel with developing proposals for Aquaculture & Fisheries Bill & following.		
СНАІ	improving the environmental quality and diversity	freshwater fish and fisheries resources.		V	Vild Salmon/Recreational Fisheries			- I - I - I - I - I - I - I - I - I - I	To date over £57m awarded to 609 projects generating £125m investment, safeguarding up to 7000 posts and creating a		
(in addition to seeking to ensure	of Scotland's seas		_	M	lanage programme funding	Ongoing		Ongoing	further 660 posts in the fishing industry.		
sustainable fishing	through:		European Fisheries Fund			Sep-11		Ongoing	Provide information as identified by the Commission to allow draw down of remaining funding	_	
o and aquaculture o activity) encouraging				I	Delivery of the EMFF to support CFP reform, data reporting and compliance equirements	Mar-12		Ongoing	Meet wider changes through CSF and potential Scotland wide integration.		
and assisting an environmentally	* * * * * *			N	legotiate successful outcome to annual fisheries negotiations	Dec-11		Achieved	Achieved December 2011		
sustainable fishing	• Introducing new			F	urther extend measures to reduce discarding of marketable sea fish	Ongoing		Ongoing			
fleet and fish processing activity;	measures to conserve important marine sites			Р	Publish new UK fisheries & quota management arrangements	Feb-12		Delayed	Delayed due to delay in publication of UK Fisheries Concordat.		
	and species;			N	lew CFP arrangements - reflecting Scottish input		Feb-13				
	Ensuring that marine planning and licensing	Promote sustainable, profitable			ntroduction of new Stakeholder engagement groups, Fisheries Management and Seafood	Nov-11		Achieved	Achieved January 2012		
Managing our own activity and assets	take account of environmental capacity	and well managed fisheries	Sea Fisheries	heries D	Development of a new Control Order for Sea Fisheries	Nov-11		Achieved	Achieved November 2011		
so as to minimise	and sensitive locations;	and aquaculture industries in Scotland.	Tistieries	C	Cessation of Solway regulating Order replaced by Inshore Fishing Scotland	Sep-11		Achieved	Achieved September 2011		
our carbon footprint, whilst maintaining	Working to achieve good environmental status and to meet			A	ntroduction of Scalloping restrictions Luce Bay				Achieved November 2011		
operational	status and to meet our other objectives			\vdash	Revision of CRP - Reflecting Scottish Interests	Nov-11	Ongoing	Ongoing	ACHIEVEG NOVEHIDEL 2011		
effectiveness.	and commitments under the EU Marine Strategy Framework			⊢		Dec-11			Delayed due to delay in submission of plans by IFGs		
1 1 1 1 1 1	Directive (MSFD), Water Framework Directive			\vdash	aunch EFF Axis 4 initiatives	Sep-11			Achieved September 2011		
V V V V V	(WFD) and Natura 2000.			F	insure compliance with national and international marine regulations	Ongoing			New inspection and reporting requirements being drafted as work emerges.		
Whilst also contributing to the principles of				⊢	Develop more holistic approach to marine compliance monitoring and						
the following national	Ensuring marine planning recognises			е	nforcement.	Ongoing			New tasks becoming integrated into working patterns.		
	and supports other	Ensure effective compliance		\vdash		Ongoing	May-12		2012 CCTV Fleet monitored. New vessels equipped and monitoring practices in place May 2012 New weighing requirements discussed with industry. Other measures being taken forward.		
impact of our consumption and	activity, such as shipping, and oil and	and enforcement arrangements.	Compliance Comp	_	mplement recommendations of internal compliance review, including	Ongoing			Revised Coastal Management structure in place. Communications strategy being implemented. New tasks being		
	gas, for which we do not have direct				dentifying and implementing new compliance activity beyond sea fisheries.	Ongoing		Ongoing	formalised and instructions disseminated or in preparation.		
most attractive place for doing	responsibility.			E	-logbook roll out	Ongoing		Ongoing	Phase 1 (over 24m) 95% compete. Phase 2 (15-24m) underway and expected to be complete by June 2012. Phase 3 (12-15m) underway with target completion October 2012		
business in Europe;					Build on joint working arrangements with partner bodies to ensure effective	Once	Aug 40	0===	Aircraft sharing well bedded in. Exploratory vessel sharing undertaken February/March 2012 with a view to having a		
 we have strong, resilient and supportive communities where 					lelivery, including reduced marine and aerial surveillance costs. (Agreement/ SLA with partner bodies.)	Ungoing	Aug-12	Ongoing	proposal for Ministers ready by August 2012.		
people take responsibility for their own actions and how they	Underpinning all of this				Manage annual planning, performance monitoring and budget allocation/	Mar-12	Mar-13 M	lar-14 Ongoing			
affect others;	is the need to understand, mitigate and adapt to	Continue to integrate our		m	nanagement process		mai-13 M		Evaluation complete. Future of project being reviewed		
we are better educated, more skilled and more successful,	the effects of climate change on the marine	functions and resources, and to develop our organisational	Organiastica - Perform	⊢	Contribute to evaluation of the SEARS Rural Hubs Pilot Support Healthcheck Review, develop and implement action plan	Jan-12 Oct-11			Evaluation complete. Future of project being reviewed. Report recommendations being taken forward by MS Board.		
renowned for our research and innovation;	change on the marine environment. The seas also have a crucial role	skills, competencies and	Management & Recrei	culture & C	Consider, develop and implement action plan related to 2011 Employee	Jan-12			Action Plan being taken forward by the Board		
our public services are high	to play in reducing greenhouse gas emissions,	capacity, to ensure effective and Lefficient marine management		heries S	Survey Ensure follow up as appropriate to PTST	Ongoing			Action being taken forward in tandem with Employee Survey action plan.		
quality, continually improving, efficient and responsive to local	ensuring food security and contributing to	arrangements in Scotland.				Sep-11			Input to Spending Review exercise completed to deadline.		
people's needs.	wider strategic aims and outcomes (for example	L		Р	Publish Marine Scotland Review 2012			Ongoing	Achieved		
	related to health and well- being).										