Initiative 4: Accelerated Capacity Building Intervention in ocean governance
Start Date: 1/10/2014
End Date: N/A - ongoing training

No	Mile ston e	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
1			**Occupations required for Operation Phakisa identified and are registered on the Organising Framework of Occupations (OFO) with DHET**				
		1.1	OFO Issued to Phakisa labs and utilisation explained	DHET	1/10/2014	2014/10/08	1
		1.2	Oceans Employers utilise OFO to identify all occupations across all productions processes or value chains for all Phakisa processes	DEA, DPME	2014/10/09	2014/11/20	6
		1.3	Occupations not existing on OFO or specialisations not OFO are submitted by DEA to DHET for evaluation and possible addition to OFO	DEA, DHET	2014/11/21	2015/02/13	12
		1.4	Final list of occupations as per OFO Codes,existing and new for all Phakisa labs published among all Phakisa stakeholders for comment.	DEA	2015/02/14	2015/06/06	16
		1.5	Subject to comments received from Stakeholders, final list of OFO Codes and occupations for all Phakisa operations published.	DEA	2015/06/07	2015/07/05	4
2			**Qualifications for each Phakisa Occupation developed, registered on the NQF and delivered against a national standardised curriculum at Centres of Specialisation**				
		2.1	Establish funding requirements & obtain approval for the operating costs of the Operation Phakisa Occupational Team Coordinating Office & the Occupational Teams.	DEA, DPME	2015/07/06	2015/08/31	8
		2.2	Develop the job specifications & scope of the Operation Phakisa Occupational Team Lead Coordinator & recruit & appoint the Operation Phakisa Occupational Coordinating Team (OPOCT) Staff.	DEA	2015/09/01	2015/11/24	12
		2.3	Occupational Team members for Phakisa occupations identified, with MOAs between 4 organisations of each OT in place between OT members and DHET	OPOCT	2015/11/25	2016/02/17	12
		2.4	Intermediate Bodies (IB) for groups of Phakisa occupations identified and/or appointed to coordinate the development of learning processes, with MOAs in place between Intermediary Bodies & OPOCT	OPOCT	2016/02/18	2016/05/12	12
		2.5	IB evaluates each Phakisa occupation required checked against existing NQF registered qualifications or part qualifications to determine if existing occupational qualifications exists	DHET, IBs, SAQA	2016/05/13	2016/07/08	8
		2.6	If qualifications or part qualifications exists on the NQF, the outcomes of the qualification or part qualification is checked with Oceans employers by the IB if suitable, relevant and current.	DHET, IBs, DEA	2016/07/09	2016/10/29	16
		2.7	If existing qualification or part qualification is accepted, then qualification or part qualification revision is scheduled as per review and expiration dates.	DHET, SAQA, QCTO	2016/10/30		Ongoing
		2.8	If existing qualification or part qualification is not accepted, then qualification or part qualification development by the IB through DQP / AQP by QCTO for Occupational qualifications or in the case of University Qualifications through the CHE / HEQC process.	IBs, OPOCT, QCTO	30/01/2015	2015/10/09	36
		2.9	Detailed national curriculum content developed for occupational qualification by the IB	IB's, OPOCT	2015/10/10	2016/06/18	36
		2.10	Learner materials, lecturer / trainer materials developed and published by IB	IB's, OPOCT	2016/06/19	2016/10/09	16
		2.11	Develop and implement lecturer / trainer reskilling processes by IB	IB's, OPOCT	2016/10/10	2017/01/30	16
		2.12	IB identifies or advises on the creation of Centres of Specialisation could University Chair, College, Training Centre etc) to deliver the occupation programme	IB's, OPOCT, DHET	2017/01/31	2017/04/25	12
		2.13	IB facilitates the reskilling of lecturers / trainers at identified Centres of Specialisation to deliver Knowledge and Practical components of occupational qualifications	IB's, OPOCT, DHET	2017/04/26	2017/10/11	24
		2.14	Upgrade or construct Centres of Specialisation for each qalificatio subject to needs of centre. This will includes tools, equipmen and possible training aids	IB's, OPOCT, DHET	2017/10/12	2020/10/22	158
		2.15	IB integrates Oceans Occupation into Programme Mix for each Centre of Specialisation	IB's, OPOCT, DHET	2020/10/23	2021/02/12	16

End Date: N/A - ongoing training

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3			**Opportunities for work and/or learning for each Phakisa Occupation registered on ESSA system with DoL and local or international work seekers sourced.**				
		3.1	Put in place an MOA between DOL & OPOCT link ESSA and Oceans Employers to facilitate easier registration, verification of data, and recruitment and placement of persons in opportunities.	DEA, DoL	2017/10/12	2018/01/04	12
		3.2	Each Phakisa Occupation and Code with job description criteria aligned to OFO tasks registered on ESSA System	OPOCT, DoL	2018/01/05	2018/06/22	24
		3.3	Each employer within Oceans sector determines work and/or workplace learning opportunities linked to date for commencement of opportunity per occupation	OPOCT, DoL	2018/06/23	2018/12/08	24
		3.4	Each opportunity lined to commencement date registered on ESSA System and work seekers canvassed through career marketing initiatives (see Milestone 4)	OPOCT, DoL	2018/12/09	2019/03/03	12
		3.5	Where work seekers are not sourced through ESSA system, Home Affairs is advised to issue international work opportunities through their international missions	DEA, DoL, DHA	2019/03/04		Ongoing
		3.6	Local or International worker seekers are contracted onto opportunities for learning and/or employment	DEA	2019/03/04		Ongoing
4			**Advocacy and Research programme for all Phakisa occupations implemented and sustained**				
		4.1	Expert for as many SA Languages for each Oceans occupation identified and name of expert submitted to DHET Kheta Community Radio Programmes Coordinator	DEA, DHET	2017/10/12	2018/01/04	12
		4.2	Experts are scheduled and participate on Comuunity Radio Stations to promote Oceans occupations and encourage qualified persons to register on ESSA Work Seekers database of DoL labour Centres	DHET (SABC)	2018/01/05		Ongoing
		4.3	All Oceans occupations are promoted through relevant career promotion activities such as Decade of Artisan and Job fairs	DEA, DHET, DoL	2018/01/05		Ongoing
		4.4	Develop and implement Oceans Research Agenda with Budget and tImelines with Researchers appointed with intern reseachers as mentees	DST (NRF)	2018/01/05	2020/01/03	104
5			**Workplaces identified and capacity for each occupation in each workplace determined by learner : mentor capacity with plans and processes developed to expand number and capacity of workplaces.**				
		5.1	All Oceans employers indemnify and register qualified (certificated or experienced) persons that can be mentors to learners in workplaces in public or private organisations	DEA, DHET	30/01/2015	2015/07/17	24
		5.2	All mentors are developed through a generic mentor / coach training course to ensure consistent and developmental approach to learner development.	DHET	2015/07/18	2016/01/02	24
		5.3	Each mentor is allocated a number of learners relevant to the mentor: learner ratio as agreed to be appropriate by employers for each occupation	DEA, DHET	2016/01/03		Ongoing
		5.4	Workplace capacity is expanded as more and more persons become qualified, especially in State departments and have learners allocated to them for mentoring.	DEA, DHET	2016/01/03		Ongoing
6			**Workers with relevant experience identified and placed on recognition of prior learning processes to enable competency for each Phakisa occupation**				
		6.1	Each Oceans Employer in collaboration with Unions and/or employee associations identify workers within their organisations with five years or more experience in any of the occupations for the Oceans sector these learners on an RPL database.	DEA, DHET, Unions	30/01/2015	2015/07/17	24
		6.2	RPL Panels are established for each occupation that has RPL workers registered against and RPL panel utilise and/or develop RPL toolkits to evaluate workers for certification or assessment or top up training.	DHET, Unions	2015/07/18	2016/07/16	52
		6.3	Each RPL candidte registered is evacuated by the RPL panel and a developmental plan for each worker is implemented subject to results of evaluation.	DHET, Unions	2016/07/17	2017/07/16	52
		6.4	Developmental plans are implemented for each RPL worker until certificated.	DHET	2017/07/17	2020/07/13	156

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7			**Targeted number of competent persons required per annum for next 5, 10, 20 years for each OFO Coded Occupation as identified by Phakisa Labs deleivred by Centre(s) of Specialisation and relevant Workplaces for each Occupation.**				
		7.1	Each Oceans sub sector determines number of competent persons per occupation required in 5, 10 and 20 years and the geographic location of ach occupations(s)	DEA	30/01/2015	2015/05/22	16
		7.2	Numbers of competent persons per occupation required per period is reduced by number of competent persons found through ESSA or through International sourcing to determines number of people to be registered for learning at Centres of Specialisation.	DHET	2015/05/23	2015/11/07	24
		7.3	Identify public / private institutions that can be Centres of Specialisation to deliver the knowledge and practical the learning components of occupational qualifications for each occupation(s)	DHET	2015/11/08	2016/04/24	24
		7.4	Determine capacity requirements to deliver the number of competent occupations required from each Centre of Specialisation(s)	DHET	2016/04/25	2017/04/24	52
		7.5	Design, develop and implement infrastructure and human resource capacity development processes where necessary to expand institutional capacity to deliver competent persons	DHET	2017/04/25	2020/04/21	156
		7.6	Source funding for learners to be enrolled on programmes at centres of spepcialiisation and enrol learners to develop knowledge and practical learning competencies inclusive of placing learners where necessary at international learning institutions (e.g Vet learners in aquatic diseaes)	DHET, SETAs, NSF, DoL (UIF)	2017/04/25		Ongoing
		7.7	Source funding for learners to be registred on programmes at workplaces utilsing proposed Workplace Base Learning Programme Regulations with learners regsitred at SETAs or national registration centres.	DHET, SETAs, NSF, DoL (UIF)	2017/04/25		Ongoing
		7.8	Implement processes to track, trace and monitor the employment and productivity of learners once competent and available for employment tin the Oceans sector. (Impact Measurement)	DHET	2017/04/25	2018/04/24	52
8			**Undertake an integrated upskilling initiative for DEA, DAFF, EPWP, provincial and local partner staff/volunteers on monitoring, compliance and enforcement**				
		8.1	Department Human Resource to supply information on skills and qualifications employed in their department	Department HR team	1/10/2015	31/10/2015	30
		8.1.1	Identify current courses/programmes/qualifications and their content focus	DAFF T&D, DEA T&D	2015/03/30	2015/04/03	4
		8.1.2	Undertake a gap analysis to determine relevance for the integrated training plan	DAFF T&D, DEA T&D	2015/04/06	2015/04/08	2
		8.1.3	Develop a training programme report that outlines additional content/programme development and costs to be incorporated into the budget and plan.	DAFF T&D, DEA T&D	2015/04/09	2015/04/10	1
		8.2	Develop refresher training programme content and structure on cross-cutting enforcement issue	Enforcement TWG	1/12/2015	14/12/2015	14
		8.3	Develop new skills booster pilot programme for working for the coast beneficiaries	Enforcement TWG	1/4/2015	30/6/2015	90
							0
		8.4	**Develop a prioritised national training plan and schedule**	**DAFF, DEA and Enforceme**	**2015/04/13**	**2015/04/30**	**17**
		8.4.1	Develop a prioritised training schedule that indicates whch staff/volunteers and partners will undertake training where, when and how	DAFF T&D, DEA T&D	2015/04/13	2015/04/17	4
		8.4.2	Identify the required training providers	DAFF T&D, DEA T&D	2015/04/13	2015/04/15	2
		8.4.3	Develop TORs, contractual documents, scope fo work and budgets for specialised training developers and providers where required.	DAFF T&D, DEA T&D	2015/04/20	2015/04/29	9
		8.4.4	Outline the required material to be shared/developed and their content, form and dissemination	DAFF T&D, DEA T&D	2015/04/20	2015/04/22	2
		8.4.5	Develop a monitoring and evaluation tool for partners: date of training , number trained, skills areas trained in and readiness for implementation	DAFF T&D, DEA T&D, Gree	2015/04/22	2015/04/29	7
		8.4.6	Finalise plan	DAFF T&D, DEA T&D	2015/04/30	2015/04/30	

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No	Mile stone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
		8.5	**Submit to Committee, incorporate recommendations/changes and follow protocol to obtain final approval on the Plan, Schedule and Budget**	**Enforcement Committee**	**2015/05/01**	**2015/05/22**	**21**
		8.6	**Implement Upskilling Plan**	**DAFF, DEA and Enforceme**	**2015/06/01**	**2018/06/30**	**1125**
		8.6.1	Contract with specialist training developers and providers	DAFF T&D, DEA T&D	2015/06/01	2015/06/08	7
		8.6.2	Develop a communique to targeted partners on the timelines and resources available for implementation and outline their respective roles and responsbilities	DAFF T&D, DEA T&D	2015/06/09	2015/06/10	1
		8.6.3	Disseminate M&E tool and engage with targeted stakeholders on the purpose, how to complete it and timelines for feedback.	DAFF T&D, DEA T&D	2015/06/11	2015/06/12	1
		8.6.4	Provide support to implementing partners by responding to queries, tracking progress and providing quarterly feedback to the Committee	DAFF T&D, DEA T&D	2015/06/12	2018/06/30	1114
		8.7	**Compliance Committee to track and monitor training progress quarterly producing an annual skills report on progress for the Secretariat**	**Enforcement Committee**	**2015/07/01**	**Ongoing**	
			9 Training and Capacity Building workshops for the development of National Marine Spatial Management Framework				
		9.1	**Capacity building workshop facilitated by international MSP expert**	Interim Implementation Lead	2014/10/01	2015/06/30	**36**
		9.1.1	Draft ToR for international expert(s) to conduct 2-3 day MSP Training Workshop	Interim Implementation Leader	2014/10/01	2014/10/30	4
		9.1.2	ToR to be approved	Interim Implementation Leader	2014/11/01	2014/11/30	4
		9.1.3	Advertise for Expressions of Interest (EOI)/Bids	Interim Implementation Leader	2015/12/01	2015/01/15	4
		9.1.4	Acknowledge EOIs/Bids received	Interim Implementation Leader	2015/01/15	2015/01/30	4
		9.1.5	Collate EOIs/Bids and prepare for evaluation	Interim Implementation Leader	2015/02/01	2015/02/28	4
		9.1.6	Convene panel to review EOIs	Interim Implementation Leader	2015/02/01	2015/02/28	4
		9.1.7	Recommend preferred Service Provider to Secretaiat	Interim Implementation Leader	2015/02/01	2015/02/28	4
		9.1.8	Appoint Service Provider	Interim Implementation Leader	2015/03/01	2015/03/30	4
		9.1.9	Service Provider to produce draft training course outline	Service Provider	2015/04/01	2015/04/30	4
		9.1.10	Research, database management and planning tools Implementation Leader to approve training course outline	Implementation Leader	2015/04/01	2015/04/30	4
		9.1.11	Make necessary logistical arrangements	Implementation Leader	2015/03/01	2015/04/30	8
		9.1.12	Conduct MSP Training Workshop	Service Provider	2015/05/01	2015/05/30	4
		9.1.13	Produce Training Workshop Report	Service Provider	2015/06/01	2015/06/30	4
		9.2	**Develop a workshop schedule and Identify relevant National & International Marine Spatial Planning experts workshops**	**Implementation Leader**	2014/07/01	2014/08/30	**8**
		9.2.1	Develop a schedule plan of National & International workshops on Marine Spatial Planning discussions	Implementation Leader	2015/07/01	2014/07/30	4
		9.2.2	Approval of the workshop schedule plan	Secretariat	2014/08/01	2014/08/30	4

End Date: N/A - ongoing training

No	Mile ston e	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
10 Develop DEA Coastal Monitoring Programme (Oceans and Coasts & Environmental Programmes Coastal Projects)							
		10.1	Establish Coastal Monitoring Programme within DEA-OC Branch based on needs analysis and legislative mandate	CD: ICM, CD: Research, CD SMS	2014/09/01	2014/10/01	4
		10.2	Liaise with Environmental Programmes (EP) for existing EP projects that can be used for coastal monitoring by the branch O&C	CD: ICM, CD: Research, CD SMS and Environmental Protection and Infrastructure Programmes (EPIP)	2014/09/01	2014/10/01	4
		10.3	Determine assistance required by EP (Pollution monitoring parameters identfied & needs such as compliance monitoring, water quality sampling, identifying illegal structures, logging marine litter data, oil spill alerts, dune rehabilitation, coastal access, illegal driving on the beach, etc.)	CD: ICM, CD: Research, CD SMS and EPIP	2014/09/01	2014/11/01	8
		10.4	Allocate responsibility for Budgeting and Implementation of Programme wthin Branch O&C (incl. purchasing of coastal monitoring equipment, data loggers, water quality monitoring equipment and transport services & lab analyses if National Laboratory not set up & accredited)	CD: ICM, CD: Research, CD SMS and EPIP	2014/09/01	2015/11/01	8
		10.5	Incorporate Programme within Branch Stategic & Business Plans	CD: ICM, CD: Research, CD SMS	2014/09/01	2015/11/01	8
		10.6	Determine Budget capacity training & resources requirements and develop guidelines	CD: ICM, CD: Research, CD SMS and EPIP	2014/09/01	2015/11/01	8
		10.7	Conducting awareness training sessions at schools through EPIP programmes	CD: ICM, CD: Research, CD SMS and EPIP	2015/04/01	2019/03/30	Ongoing
		10.8	Determine priorty areas of the coast for piloting coastal monitoring programme and implement; first pilot area Port St. Johns for water quality	CD: ICM, CD: Research, CD SMS and EPIP	2014/10/01	30.12.2014	12
		10.9	Develop training tools for implementation of the CMP with EP	CD: ICM, CD: Research, CD SMS and EPIP	2014/10/01	2015/03/31	26
		10.10	Determine phased implementation of O&C staff for further Implemention of the CMP	CD: ICM, CD: Research, CD SMS and EPIP	2014/09/01	2015/11/01	8
		10.11	Facilitate collection of data and reports from EP staff at an agreed upon frequency (such as weekly, daily, monthly, bi monthly, quarterly, etc.)	CD: ICM, CD: Research, CD SMS and EPIP	2014/09/01	2015/11/01	8
		10.12	Identify and Implement mechanism to input data into Oceans & Coasts Information System	CD: ICM, CD: Research, CD SMS	2015/04/01	2015/07/01	12
		10.13	Identify & implement awareness training sessions at schools through EPIP programmes for Port. St Johns	CD ICM; EPIP	2015/04/15	2015/06/30	12
		10.14	Review findings of monitoring programmes and develop management or improvement plans for Port. St Johns	CD ICM; CD Research, CD: SMS	2015/07/01	2015/09/30	16

Initiative 5: Enhance and Coordinated Enforcement Programme
Start Date: Aug 2014
End Date: Continuous process

No	Milestone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
1	Interim Committee on enhanced and coordinated enforcement programme in the West and Southern region of South Africa						
	1.1		**Statement of Intent**				
		1.1.1	Draft Statement of Intent sent to key stakeholders for comments. *(refer to Initiative 5 slide - TWG on Compliance and Enforcement for stakeholders; draft Statement attached)*	DAFF (DEA to advise on responsibility)	07/10/2014	30/10/2014	
		1.1.2	Stakeholders to send back input	DAFF	30/10/2014	14/11/2014	
		1.1.3	Consolidate inputs into a revised draft and send it back	DAFF	14/11/2014	21/11/2014	
		1.1.4	Send back revised draft to stakeholders for consideration and signing	DAFF	24/11/2014	19/12/2014	
		1.1.5	Signing of Statement of Intent by all stakeholders	DAFF	15/01/2015	15/01/2015	
	1.2		**SOPs**				
		1.2.1	Draft key Standard Operating Procedures (SOPs) for enhanced enforcement programme *(to all affected stakeholders, see Initiative 5 slide; draft SOP attached)*	DAFF	N/A	N/A	Completed
		1.2.2	Send out to stakeholders for input	DAFF	15/01/2015	21/01/2015	
		1.2.3	Stakeholders to send back input	DAFF	21/01/2015	20/02/2015	
		1.2.4	Consolidate inputs into a revised draft SOPs	DAFF	20/02/2015	06/03/2015	
		1.2.5	Send back revised SOPs to stakeholders for consideration and approval	DAFF	06/03/2015	07/04/2015	
		1.2.6	Interim Structure for coordinating Departments to prepare final SOPs	DAFF	07/04/2015	07/05/2015	
	1.3		**Appointment of Interim Committee**				
		1.3.1	Key Stakeholders to identify members of the Interim Committee *(draft TOR for Interim Structure attached)*	DAFF	07/05/2015	14/05/2015	
		1.3.2	Send out invites to identified member Departments to nominate representatives	DAFF	14/05/2015	22/05/2015	
		1.3.3	Recieve nominees from Departments	DAFF	22/05/2015	05/06/2015	
		1.3.4	Confirm members of the Interim Committee	DAFF	05/06/2015	12/06/2015	

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		1.4	**First Meeting - Focus on SOPs and TORs**				
		1.4.1	DAFF to send out notice for the first meeting of the Interim Committee *(stakeholders invited as per of Statement of Intent)* - 1 week advance notice	DAFF	25/06/2015	03/07/2015	
		1.4.2	Circulate SOPs, TORs ~~or the Interim Committee and Permanent Structure~~ and the 3-Feet Plan for the Interim Committee - 1 weeks advance notice	DAFF	25/06/2015	03/07/2015	
		1.4.3	First meeting to be convened. **Goal of first meeting:** SOP to be finalized and agree on meetings schedule, approve and adopt the 3-Feet Plan, including the Pilot Project	DAFF	02/07/2015	03/07/2015	
		1.4.4	Pilot Project to start		13/07/2015		
		1.5	**Second Meeting - Focus on MOU and progress of the Pilot Project**				
		1.5.1	DAFF to call the second meeting of the Interim Committee. DAFF to circulate the draft MOU, Minutes of the first meeting and feedback from the Pilot Project - 1 week advance notice	DAFF	16/07/2015	23/07/2015	
		1.5.2	**Goal of meeting:** Committee to seek approval from their Principals and consider inputs on the draft MOU. **Deadline:** ~~1 week~~	DAFF	24/07/2015	11/08/2015	
		1.6	**Third Meeting - Focus on Finalisation of the MOU and progress on the Pilot Project**		11/11/2015	11/11/2015	
		1.6.1	DAFF to call the third meeting of the Interim Committee. DAFF to circulate the draft progress report prior to the meeting - 1 week advance notice	DAFF	04/11/2015	04/11/2015	
		1.6.2	Workshop for permanent structure's 3-Feet Plan		09/11/2015	30/11/2015	
		1.6.3	Committee to assess progress made thus far, prepare Exit Report (hand-over) and submission of signed MOUs	DAFF	30/11/2015	21/12/2015	
		1.7	**Enforcement Pilot Project**				

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			Start Up Process - Establish Pilot Project				
		1.7.1	Draft and Sign off the Pilot Project Mandate - DAFF to table the Pilot Project Mandate to the committee (The pilot project will allow access to AIS, LRIT, Environment pollution information and expertise, Access to DAFF vessels, human capacity at agreed scheduled time from September 2014-April 2015), DST systems, infrastructure, DEA human capacity and SANDF vessels/aircraft to assist when required.The project will derive the following benfits enhanced enforcement, marine domain awareness, information sharing for enforcement effectiveness. Procurement of IT specialist for systems interface & annual maintainance thereof.	DAFF	13/07/2015	21/12/2015	
		1.7.2	Confirm the Lead - DAFF to confirm the role of the Lead with overall responsibility to communicate the benefits of the projects and offer oversight communication to all stakeholders during the Interim committe duration.	DAFF	13/07/2015	21/12/2015	
		1.7.3	Draft and Finalise the Project Brief - The pilot project will run from ~~November 2014 to April 2015~~July 2015 to December 2015.The pilot will be conducted in the West and Southern regions of South Africa.The pilot operation scope will cover from the territorial waters to the Economic Exclusive Zone. DAFF will provide the ~~vesselss~~, vessels schedule for the vessels,VMS access and inspectors.SAMSA to provide AIS, LRIT, Surveyors, Pollution Systems oversight. DEA to provide vessels, berthing space, marine environment inspectors, pollution experts. DST to provide other system infrastructure. All departments will self ~~fund~~ fund the provision of these services. The major benefits will be coordinated enforcement, increase ocean visibility, overall awareness and response on the maritime domain. SANDF to maintain its operational capacity to assist in the enforcement environment, by providing aircraft, vessels, RHIB's and information from its Coastal and Synthetic Radar Systems.	DAFF	13/072015	21/12/2015	
		~~1.7.4~~	~~Confirm the Project Manager - DAFF to appoint Project Manager. Project Manager will assist in the coordination of the work, communicate project issues, risks and assist with managing any change control within the scope of the project.~~	DAFF			
		1.7.~~5~~.4	Capture and review Lessons Learnt - DAFF to lead in reviewing lessons learnt from the current arrangments such as MRCC, DAFF-DEA agreement.The lessons will be used by the Project Manager in the support management of the pilot project	DAFF	13/072015	21/12/2015	
		1.7.~~6~~.5	Appoint Project Management Team (Internal Secretariat Support) - Project Manager to appoint a project support team (if deemed necessary). The team to confirm availability and accept the roles and responsibilities. Project support to give administration support such as communication,capturing issues and risks .	DAFF	13/072015	21/12/2015	

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			Initiate Process				
		1.7.~~7.~~6	~~Authority to Initiate Project - Project Manager to get confirmation from the stakeholders to kick start the project~~ (Project commenced on 13 July 2015)	~~Project Manager~~			
		1.7.~~8.~~ 6	~~Prepare the project documents -Project Manager to create a risk, communication and issues logs. Project manager to provide appropiate levels of controls. The logs/plans will discussed in the Interim committee meetings~~	~~Project Manager~~			
			Manage Delivery				
		1.7.~~9.~~6	Manage Product delivery, stakeholders - Project Manager to communicate risks, issues, controls with stakeholders through emails and document such for reporting to the Interim Structure meetings.The Project Manager will also report any key constraints (resources, etc.) issues in achieving set out milestones.	DAFF	13/07/2015	21/12/2015	
		1.7.~~10.~~7.	Monitor and Control Progress - Project Manager to monitor work in progress against project milestones and report variances and reasons to the Interim committee through agreed communication channels(e-mail and meetings). Project Manager will prepare the exit report and the Lead will sign off	DAFF	13/07/2015	21/12/2015	
		1.7.~~11.~~8	Authorize the Next Stage - Interim Committee review and approve the project Exit Report *(see draft attached)*. Interim committe will sign off on the Project Close off.	DAFF	13/07/2015	21/12/2015	
			Close				
		1.7.~~12.~~9	Authorize Project Closure - Interim committe agree on the procedure of handing over the Pilot Project Exit Report to the ~~Technical Reference Working Group~~ Permanent Structure.The handover period and activities are agreed and communicated to all stakeholders by ~~May 2015.~~ December 2015	DAFF	21/12/2015	22/02/2016	
		1.8	**MOU**				
		1.8.1	Drafting of salient points for an MOU	DAFF			
		1.8.2	Drafting of an MOU *(see draft attached)*	DAFF			Completed
		1.8.3	Circulate for inputs	DAFF	16/07/2015	23/07/2015	Completed
		1.8.4	Receive inputs	DAFF	23/07/2015	06/08/2015	
		1.8.5	Revise draft MOU based on inputs	DAFF	10/08/2015	21/08/2015	
		1.8.6	Approval/endorsement of MOUs	DAFF	30/11/2015	21/12/2015	
		1.9	**Fourth Meeting - De-briefing of the Technical Working Group**				
			###	DAFF	21/12/2015	22/02/2016	

No	Milestone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
	Establish a Compliance & Enforcement Working Group that will monitor compliance and enforcement in the Ocean space as part of the broader Governance structure.						
2		2.1	Identify Departments, Entities or Directorates who will serve on the Compliance and Enforcement	DAFF			
		2.2	DAFF to approve draft Terms of Reference for the Compliance and Working Group and consult with identified stakeholders	DAFF	22/02/2016	21/03/2016	Completed
		2.3	Prepare and issue invitations to identified members to serve on the Compliance and Enforcement Working Group	DAFF	21/03/2016	11/04/2016	
		2.4	Invited Members to respond and confirm their acceptance of their nominations to serve on the Committee	DAFF	11/04/2016	09/05/2016	
		2.5	The Oceans Inter-Ministerial Committee's Secretariat issue letters to confirm appointment of the Compliance and Enforcement Working Group members	DAFF	09/05/2016	09/06/2016	
		2.6	Convene the first meeting of the Compliance and Enforcement Working Group	DAFF	09/06/2016	17/06/2016	
		2.7	Adopt Terms of Reference for the Compliance and Enforcement Working Group *(draft TORs for Permanent Structure attached)*	DAFF	09/06/2016	17/06/2016	
		2.8	Evaluate and review progress	DAFF			
	Undertake a collaborative study to assess the gaps in compliance, enforcement and current capabilities						
3		3.1	Develop Terms of Reference for the **Study** to undertake a collaborative initiatives and work plan	DAFF	17/06/2016	15/07/2016	
		3.2	Prepare introductory circular to Government Depts and key stakeholders setting out reasons for the study and development of the work-plan and request information on existing capabilities	DAFF	15/07/2016	14/10/2016	
		3.3	Receive inputs from Departments and stakeholders	DAFF	14/10/2016	11/11/2016	
		3.4	**Study to be completed:** 1) Identify all relevant Conventions, Acts and Policies governing activities taking place in the marine environment as well as Permit Conditions relating to activities to be monitored, 2) Undertake collaborative study by the Task Team established under the C&E Working Group, 3) Identify all spatial areas and activities that require monitoring, 4) Unpacking the findings of the capacity audit study to inform the optimization of coordination and planning.	DAFF	11/11/2016	27/01/2017	
		3.5	Analyse information inputs from the Study with regards to trends, assets, modus operandi, and resources. Prepare comprehensive stakeholder map of all Departments, and stakeholders indicating enforcement capacities and identified gaps.	DAFF	27/01/2017	24/02/2017	

No	Milestone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
		Develop a work-plan & coordinate the optimization of inter-departmental compliance and enforcement functions.					
4		4.1	Convene meeting of Compliance and Enforcement Working Group to discuss comprehensive schedules and formulate a Work-Plan for revised law enforcement and sharing of platforms.	DAFF	24/02/2017	06/03/2017	
		4.2	Circulate draft Work Plan and request inputs from Depts and stakeholders	DAFF	06/03/2017	13/04/2017	
		4.3	Revise the Draft Work - Plan based on received inputs	DAFF	13/04/2017	28/04/2017	
		4.4	Work-Plan completed	DAFF	28/04/2017	05/05/2017	
		4.5	**Implementation of Work-Plan: 1)** Identify and compile a report on common infringements and sanctions (processing of set schedules via dispatching to execution), **2)** Recommend to the Oceans Inter Ministerial Committee / Secretariat on possible or appropriate changes and amendments to various legislated roles, responsibilities and functions of different role players and capability needs for integrted enforcement, **3)** Provisions of Acts that require amendment/changes are delegated to relevant authorities for consideration	DAFF	05/05/2017	05/12/2017	
		~~4.6.~~	~~Procurement of IT specialist for systems interface & annual maintainance thereof .~~ (See 1.7.1.)	~~C&E Working Group~~			
		~~4.7.~~ 5	Bi-Annually review of Work-Plans	DAFF	05/12/2017	05/06/2018	

Initiative 6: Establishing an Ocean & Coastal Information Management System and Extending oceans and coasts earth observation capabilities.
Start Date: 1 August 2014
End Date: Development phase 2015 - 2020; Maintenance phase ongoing thereafter

No	Milestone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
	1 Establish Earth ObservationTechnology Capacity for SA EEZ & Extended Continental Shelf by 2019/20						
		1.1	Engage with Sector Departments and DST on information & user requirements (To be undertaken by Research, Data Base Management & Planning Tools working group of Secreatariat, including DST)(A subgroup should but set-up for EO led by DST.) (DST to nominate responsibility manager for Phakisa Ocean initiatives.)	DEA: CD Oceans & Coast Research	2015/03/01	2015/05/01	9
		1.2	Synthesis of user requirements, system specification analysis and collaborative operational structure	DEA: CD Oceans & Coast Research	2015/03/15	2015/04/15	4
		1.3	Map out exisitng capabilities in EO Technology for Oceans and Coasts	DST	2015/04/01	2015/04/30	4
		1.4	Develop roadmap of required capabilities and decsion support tools. This roadmap will knowledge products required fro MSP and sector departments, and the timetable for which these can be delivered by the Information System and EO capabilities.)	DST-CSIR	2015/05/01	2015/06/30	9
		1.5	Engage with DST & Sector Departments to determine costs and prepare multi-year budget as per collaborative systems requirements	DEA: CD Oceans & Coast Research, DST, Sector Departments	2015/06/30	2015/07/31	4
		1.6	Incorporate budget into relevant Department Budget such as DST; DEA; DAFF; DOT; DoD; DWA	DEA: CD Oceans & Coast Research & Sector Departments, DST	2015/07/31	2015/09/30	9
		1.7	Establish CoE and Initiaite earth observation capability research and Human Capital develoment as per approved annual budgets. (DST to lead the application for the CoE through the established process. DST has detailed manual on creating CoEs. Can be attached to report.)	DST; DEA: CD Oceans & Coast Research	2015/08/01	2016/03/28	34
		1.8	Maintain registry of on-going R&D outputs	DEA: CD Oceans & Coast Research	ongoing	ongoing	ongoing
		1.9	Develop and agree on transfer methodology from R&D to operations	CoE; DEA: CD Oceans & Coast Research	To be defined during planning of the roadmap for delivery of knowledge products/applications.	To be defined during planning of the roadmap for delivery of knowledge products/applications.	To be defined during planning of the roadmap for delivery of knowledge products/applications.

1.10	Year 1 Capability development as per Road Map. The intention here is to demonstrate proof of concept for these knowledge products/tools Oil Slick identification and tracking Maritime Oceanographic products Ships in MPAs identification and tracking - pilot sites	CoE	2016/10/01	2017/09/30	51
1.11	Year 2 Capability development as per Road Map (Subsequent years can include new capabilities of CoE Harmful Algea Blooms identfication Ships in MPAs identification and tracking broader EEZ Dark Ship Targets identification and tracking	CoE	2017/10/01	2018/09/30	51
1.12	Year 3 Capability development as per Road Map	CoE	2018/10/01	2019/09/30	51
1.13	Year 4 Capability development as per Road Map	CoE	2019/10/01	2020/09/30	51

2 Delivering the National Oceans and Coasts Information System by 2019/20

2.1	Create Project Steering Committee for project oversight (Early creation of this group is essential to meet the ambitious targets. Secretariat will eventually oversee this function, which will be a subgroup of the Research and Planning Tools working group.)	DEA: CD Oceans & Coasts Research; SITA;; DST-CSIR-Meraka	2014/11/01	2014/11/30	4
2.2	Incorporate & Finalise sector department knowledge products requirements in system design initiated by DEA and DST)	DEA-OC; DST-CSIR & SITA	2014/09/01	2015/05/01	34
2.3	Finalise System Development Project Plan and Budget for 5 years 2014 to 2019 and submit MTEF within DST & DEA (Annual targets to be determined)	DEA-OC; DST-CSIR & SITA	2014/09/01	2014/11/30	13
2.4	Conclude Contracting for development of the system between DEA; DST plus SANSA if required	DEA-OC; DST-CSIR, SANSA (& SITA if necessary)	2015/09/01	2015/01/31	-30
2.5	Initiate Development of the System at the DST-CSIR if possible with reprioritisation of budget in 2014/15 possibly use Big Data Initiative	CoE	2014/11/01	2015/03/31	22
2.6	DEA: OC Branch to determine requirements to link to information system and knowledge products. Specific deliverable here must be to undertake a proces for describing standardised formats for different parameters. This process can run in parallel and may take 12 to 16 weeks.	DEA: CD Oceans & Coast Research	2016/06/01	2015/08/01	-43
2.6	DEA: CD Oceans & Coast Research to coordinate these inputs for consideration into DEA/DST budgets	DEA: CD Oceans & Coast Research	2015/09/01	2015/11/30	13

#	Task	Owner	Start	End	Duration
2.7	Development of Information system incrementally by 2019/20	DEA: CD Oceans & Coast Research; DST-CSIR Meraka	2014/09/01	2020/03/01	283
	2.7.1 Requirements Finalisation and Architectual Design	DST-CSIR	2015/04/01	2015/08/30	21
	2.7.2 Implementation of Spatial Core Infrastrcuture	DST-CSIR	2015/07/01	2015/11/30	21
	2.7.3 Requirements and design of User Interface (web and/or mobile)	DST-CSIR	2015/04/01	2015/05/30	9
	2.7.4 Implementation of 1st set of Decision Support Tools	DST-CSIR	2016/04/01	2017/03/30	51
	2.7.5 Design and Implementation of Web site and web content	DST-CSIR	2015/08/01	2016/03/30	34
	2.7.6 Implementation of 2nd set of Decision Support Tools	DST-CSIR	2017/04/01	2018/03/30	51
	2.7.7 Refinement of Spatial Core Infrastructure	DST-CSIR	2017/04/01	2017/07/30	17
	2.7.8 Testing and Comissioning	DST-CSIR	2016/04/01	2016/07/30	17
2.8	Decision on hardware and network implentation	DEA-DST-Cyber Infrastrcuture	2015/11/01	2015/11/30	4
2.9	Identify Hosting Provider for System	DEA: CD Oceans &	2016/02/01	2016/03/30	9
2.1	Define SLA for the system hosting	DEA: CD Oceans &	2016/02/01	2016/03/30	9
2.11	System Operations (2017-2022)	Host-DST-CSIR Me	2017/09/01	2022/03/01	232
2.12	Negotiation and Implementation of Satellite Data hosting with SANSA	DEA: CD Oceans &	2014/11/01	2014/11/30	4

3 Establish and Implement the Data(/ Earth Observation) Infrastructure required for the OCIS

#	Task	Owner	Start	End	Duration
3.1	Define Satellite Sensor Portfolio	DEA;DST-CSIR;SANSA;DAFF;SAMSA;	2015/02/01	2015/05/30	17
3.2	Develop and Agree on Data Policy (sharing principles) for Oceans and Coasts system (Critical step to ~~idnetify~~ identify what data will be inputted into Info System, rule for sharing and costing especially for data arising from State Agencies, and appropriate recognition for data orginators)	DEA;DST-CSIR;SANSA;DAFF;SAMSA;	2016/02/01	2016/04/30	13
3.3	Define minimum baseline datasets/fundmental datasets (see example of detail below this table)	DEA;DST-CSIR;SANSA;DAFF;SAMSA;	2015/02/01	2015/05/30	17
3.4	Negotiate SAR multi-user government data agreement with RadarSat	OG Secretariat; DEA;DST;SANSA	2015/02/01	2015/05/30	17
3.5	Finalise Sentinel Data agreements with EC/ European Space Agency	DST-SANSA	2015/02/01	2015/06/30	21
3.6	Initiate Ocean Robotics requirements study	DEA;DST-CSIR;DAFF;SAMSA;	2015/07/01	2015/08/30	9
3.7	Implement Ocean Robitcs monitoring as required	DST-CSIR;	2016/04/01	Ongoing	Ongoing
3.8	Integrate existing in-situ sensor networks	DEA;DST CSIR Meraka;	2016/04/01	2017/03/30	51
3.9	Gap Analysis on data sets (on going activity)	DEA;DST CSIR Meraka;DAFF;SAMSA; SANSA	2015/02/01	2015/03/30	9
3.1	EOSat1/2 co-fund	DST/ SANSA	2015/04/01	2020/03/30	257
	Mission Definition refinement	DST/ SANSA	TBD	TBD	
	Sensor Design sign off	DST/ SANSA	TBD	TBD	
	Simulation data Analysis	DST/ SANSA	TBD	TBD	
3.11	NanoSat based applications experimental development	DEA/DST/CPUT	2015/04/01	2018/03/30	154
	3.11.1 Mission Definition	DEA/DST/CPUT	2015/04/01	2015/08/01	17
	3.11.2 Concept Designs	DEA/DST/CPUT	2015/08/01	2016/07/01	47
	3.11.3 Prototype/Lab Model	DEA/DST/CPUT	2016/04/01	2017/03/30	51
	3.11.4 Engineering Model	DEA/DST/CPUT	2018/04/01	2019/03/30	51
3.12	Modelling capability for forecasting data	DST CSIR;Univ;	2015/04/01	2016/03/30	51

4 Management, Governance and Communications

4.1	Establish Program Management Team for Oceans & Coasts Information Systems and Earth Observation Technologies (Function of the Secratriat when set up, relate to 2.1, which this group will oversee, this group will of senior officials from key departments e.g. DEA, DST; DPME; DAFF)	DEA;DST CSIR SANSA Meraka;etc	2014/09/01	2014/09/30	4
4.2	Setup communications plan and implement	DEA: CD Oceans & Coast Research	2014/11/01	2015/01/30	13
4.3	Define Reporting requirements and implement	DEA: CD Oceans & Coast Research	2014/11/01	2015/01/30	13
4.4	Establish cost benefit analysis team	DEA: CD Oceans & Coast Research; DEA;DST;CSIR	2015/04/01	2020/03/30	257
4.5	Implement Financial Management structure	DEA: CD Oceans & Coast Research; Programme Management Team	2015/04/01	Ongoing	Ongoing

Detail for Section 3.3

NB Anticipated that most raw EO data will be free and minimally constrained wrt re-dsitribution, other than surveillance SAR, AIS and very high resolution optical

3.2.1	Identification of all raw and processed data streams from sensor portfolio & other sources
3.2.2	Development of constraint matrix: cost, licensing and re-distribution/attribution per data stream
3.2.3	Mapping of State Agency user needs to constrain matrix to establish costing assignment mechanisms
3.2.4	Establishment of quantitative accounting mechansim to derive ongoing user/product access data for incoporation into Acivity 4

Initiative 7: National Oceans and Coasts Pollution Monitoring Programme
Start Date: September 2014
End Date: Development Phase 2014 - 2016, thereafter maintenance phase

No	Milestone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
	1 Develop DEA Coastal Monitoring Programme (Oceans and Coasts & Environmental Programmes Coastal Projects)						
		1.1	Establish Coastal Monitoring Programme within DEA-OC Branch based on needs analysis and legislative mandate	CD: ICM, CD: Research, CD SMS	01.09.2014	01.12.2014	12
		1.2	Liaise with Environmental Programmes (EP) for existing EP projects that can be used for coastal monitoring by the branch O&C	CD: ICM, CD: Research, CD SMS and Environmental Protection and Infrastructure Programmes (EPIP)	01.09.2014	01.11.2014	8
		1.3	Determine assistance required by EP (Pollution monitoring parameters identfied & needs such as compliance monitoring, water quality sampling, identifying illegal structures, logging marine litter data, oil spill alerts, dune rehabilitation, coastal access, illegal driving on the beach, etc.)	CD: ICM, CD: Research, CD SMS and EPIP	01.09.2014		
		1.4	Allocate responsibility for Budgeting and Implementation of Programme wthin Branch O&C (incl. purchasing of coastal monitoring equipment, data loggers, water quality monitoring equipment and transport services & lab analyses if National Laboratory not set up & accredited)	CD: ICM, CD: Research, CD SMS and EPIP	01.09.2014	01.12.2014	12
		1.5	Incorporate Programme within Branch Stategic & Business Plans	CD: ICM, CD: Research, CD SMS	01.09.2014	01.11.2014	8
		1.6	<mark>Determine Budget capacity training & resources requirements and develop guidelines</mark>	CD: ICM, CD: Research, CD SMS and EPIP	01.09.2014	01.12.2014	12
		1.7	Conducting awareness training sessions at schools through EPIP programmes	CD: ICM, CD: Research, CD SMS and EPIP	01.04.2015	30.03.2019	204
		1.8	Determine priority areas of the coast for piloting coastal monitoring programme and implement; first pilot area Port St. Johns for water quality	CD: ICM, CD: Research, CD SMS and EPIP	01.10.2014	30.12.2014	12

1.9 Develop training tools for implementation of the CMP with EP	CD: ICM, CD: Research, CD SMS and EPIP	01.10.2014	31.03.2015	26
1.10 Determine phased implementation of O&C staff for further Implemention of the CMP	CD: ICM, CD: Research, CD SMS and EPIP	01.09.2014	01.11.2015	60
Facilitate collection of data and reports from EP staff at an agreed upon frequency (such as weekly, daily, monthly, bi monthly, quarterly, etc.)	CD: ICM, CD: Research, CD SMS and EPIP	01.09.2014	01.11.2015	60
1.11 Identify and Implement mechanism to input data into Oceans & Coasts Information System	CD: ICM, CD: Research, CD SMS	01.04.2015	01.07.2015	12
1.12 Identify & implement awareness training sessions at schools through EPIP programmes for Port. St Johns	CD ICM; EPIP	15.04.2015	30.06.2015	12
1.13 Review findings of monitoring programmes and develop management or improvement plans for Port. St Johns and other new priority areas	CD ICM; CD Research, CD: SMS	01.07.2015	30.09.2015	16
1.14 Improvement of the programme and expansion to 3 new priority areas	CD ICM; CD Research, CD: SMS	01.04.2015	30.03.2016	52
1.15 Improvement of the programme and expansion to 4 new priority areas	CD ICM; CD Research, CD: SMS	01.04.2016	30.03.2017	52
1.16 Improvement of the programme and expansion to 5 new priority areas	CD ICM; CD Research, CD: SMS	01.04.2017	30.03.2018	52
1.17 Improvement of the programme and expansion to all remaining priority areas in South Africa	CD ICM; CD Research, CD: SMS	01.04.2018	30.03.2019	52

2 Establish National Pollution Laboratory

2.1	Determine Location for National Pollution Laboratory (NPL), DDG OC adverts and process Letters of Interest & budget from Coastal Universities/Research Institutions	DEA- Branch OC	01.10.2014	31.11.2014	8
2.2	Create detailed budget for NPL and include in DEA budgeting processes	DEA- Branch OC	01.10.2014	31.11.2014	12
2.3	Letters of Interest & budget from Coastal Universities/Research Institutions received and perused by the DDG	DEA- Branch OC	01.11.2014	31.03.2015	20
2.4	Conclude Contracting arrangement with host Institution	DEA; Host Institution	15.01.2015	31.03.2015	10
2.5	Transfer Funds to host institution	DEA - CFO	01.03.2015	01.06.2015	12
2.6	Procure laboratory Equipment	Host Institution	01.04.2015	30.10.2015	26
2.7	Appoint Staff at Host Insitition for polluton Chemistry Analyses	Host Institution	01.11.2015	31.01.2016	16
2.8	Lab staff to liaise with DEA Branch OC to develop shedule of receiving, processing & reporting samples	DEA- OC & EPIP NPL	01.02.2016	31.03.2016	8
2.9	NPL undertake analyses and report on pollution samples for first coastal monitoring sites for Eastern Cape priority areas	DEA- OC and EP	01.04.2016	31.03.2017	52
2.10	Review Lab performance; biannually	CD: ICM; CD Research; CD SMS	01.04.2017	30.09.2017	26
2.11	Analyses undertaken by the NPL and report on pollution samples for Northern Cape and Western Cape coastal monitoring sites	DEA- OC and EP	01.04.2017	30.03.2018	52
2.12	Analyses undertaken by the NPL and report on pollution samples for KwaZulu Natal coastal monitoring sites	DEA- OC and EP	01.04.2018	30.03.2019	52

3 Establish methodology / approach for setting applicable limits for coastal effluent discharges

3.1	Conduct detailed desktop and compliance reviews and stakeholder engagements to determine the status of effluent disposal in SA coastal environment and identify sectors / industry type requiring management / stricter limits for disposal	CD ICM, CD Research	01.09.2014 31.04.2015	34
3.2	Conduct literature reviews on international and national approaches for setting limits into Estuaries, surf zones, off shores and marine protected areas	CD ICM, CD Research	01.10.2014 31.01.2015	16
3.3	Compile a report on at least 3 preferred approaches for setting limits into Estuaries, surf zones, off shores and marine protected areas (pros and cons of each approach)	CD ICM, CD Research	01.12.2014 31.03.2015	16
3.4	Conduct stakeholder engagement on the 3 identified approaches to determine best approach for DEA to adopt (to include DWS and affected municipalities)	CD ICM, CD Research	01.02.2015 31.05.2015	16
3.5	Collate inputs and DEA to modify approach where necessary and DEA to decide on the best approach	CD ICM, CD Research	01.04.2015 30.06.2015	8
3.6	Identify (Desktop research) and Determine at risk posed by quantity and quality of effluent discharged from 2x Aquaculture facilities (or priority sector) into Estuaries, surf zones, off shore and/or marine protected areas	CD ICM, CD Research	01.05.2015 31.01.2016	38
3.7	Develop minimum limits for 2x aquaculture effluent discharges based on the established risks per facility (effluent composition)	CD ICM, CD Research	01.11.2015 30.04.2016	26
3.8	Conduct Stakeholder consultation on the above limits (to include DWS and affected municipalities)	CD ICM, CD Research	01.05.2016 30.06.2016	8

3.9 Gazzette for public comments	CD ICM, CD Research	01.07.2016	31.10.2016	16
3.10 Consider and Incoporate public comments and draft response	CD ICM, CD Research	01.11.2016	28.02.2017	16
3.11 Adoption of the limits/standards	CD ICM, CD Research	01.03.2017	31.03.2017	4
3.12 Identify (Desktop research) and Determine at risk posed by quantity and quality of effluent discharged from 2x municipal waste water treatment facilities into Estuaries, surf zones, off shore and/or marine protected areas	CD ICM, CD Research	01.04.2017	30.10.2017	26
3.13 Develop minimum discharge limits for the 2x municipal effluent discharges into Estuaries, surf zone, or off shore environment (effluent composition)	CD ICM, CD Research	01.11.2017	30.04.2018	26
3.14 Conduct Stakeholder consultation on the above limits (to include DWS and affected municipalities)	CD ICM, CD Research	01.05.2018	30.06.2018	8
3.15 Gazzette for public comments	CD ICM, CD Research	01.07.2018	31.10.2018	16
3.16 Consider and Incoporate public comments and draft response	CD ICM, CD Research	01.11.2019	28.02.2018	16
3.17 Adoption of the limits/standards	CD ICM, CD Research	01.03.2019	31.03.2019	4

Initiative 8: Creation of a MPA Representative Network

Start Date: 21 Jul 2014
End Date: 30 Jun 2017

No	Milestone	No		Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
1	**Technical report detailing the proposal for a MPA Network with boundaries, objectives, key stakeholders as well as a consultation process, approved by DG:DEA**						
		1.1	Finalising the boundaries for a set of new MPAs, based on existing planning documents and spatial data.	Expert work group in lab, with outside experts contributing	21.07.2014	01.08.2014	2
		1.2	Overall rationale of network, and specific boundaries, objectives and incompatible activities discussed with other labs and feedback received. A record of all syndications is kept and will be an Annexure to the technical document.	MPA workstream to keep record of all discussions, syndications	21.07.2014	01.08.2014	2
		1.3	Identify and consult with key experts and stakeholders representing major sector interests. A record of all consulation is kept and will be an Annexure to the technical document.	By Lab members – some internally and other at different centres	21.07.2014	06.08.2014	3
		1.4	Description main of biodiversity attributes of each area, objectives of the MPAs and network, and incompatible activities	Expert work group in the lab, with outside experts contributing	21.07.2014	07.08.2014	3
		1.5	Technical Report on the proposed MPA network. This will set out boundaries, objectives for the overall network and for each MPA, a habitat-activities matrix indicating activities which should be prohibited and those which could be compatible in certain zones.	Dr Kerry Sink, SANBI, based on expert work in lab	21.07.2014	13.08.2014	4
		1.6	Produce draft scoping materials for stakeholder engagement	MPA Workstream	21.07.2014	13.08.2014	4
		1.7	Consolidation in Lab of Lab documentation – including stakeholder comments, and all required templates.	MPA Workstream	21.07.2014	14.08.2014	4

2 Publish intention to declare an MPA Network in the Government Gazette, for public consultation, with appropriate awareness campaign

2.1	Approval by DG of technical report (with MPA network proposal) and proposed scoping process for undertaking scoping prior to gazetting intention to dcelare.	Ms Nosipho Ngcaba, DG DEA	15.08.2014	15.08.2014		0	
2.2	Approval of the LAB outputs by Government, in particular the Protection and Governance Proposal dealing with expansion of an MPA network and the process to take this forward.	Government of South Africa	15.08.2014	15.10.2014	4		
2.3	Minister to announce at World Parks Congress (November)	Ms Nosipho Ngcaba, DG DEA (Lead); Xola Mkefe (DEA)	01.11.2014	30.11.2014	8		
2.4	Focussed scoping and consultation as required. This includes a presentation at the DAFF Management working group, engagement with PASA and DMR	X Mkefe (DEA) (Lead) and DEA colleagues from CD: OCM and CD: Research, K Sink (SANBI), B. Semoli (DAFF), T. Livingstone, (EKZNW), Makgotha Machaka (DMR)	01.10.2014	30.10.2014 > **31.03.2015**	26		EXTEND THIS
2.5	Legal drafting/checking of FOR COMMENT declaration notices and regulations, including setting out arrangements to receive comments	Adv Radia Razack,Director Legal Services component servicing the Branch Oceans and Coasts, DEA	15.09.2014 > **01.02.2015**	15.12.2014 > **30.06.2015**		22	**LEGAL DRAFTING OF NON CONTENTIOUS MPAS CAN OVERLAP DISCUSSIONS ON CONTENTIOUS ONES**

2.6	Prepare submission to Minister, motivating in the context of Phakisa for the need to create a Network of MPAs for sustainable development. This submission will also describe the scoping process undertaken and outline the process forward, including consultation, and the process to evaluate comments received after gazetting, which would result final MPA proposals being made for declaration. It would also indicate future management responsibilities for each MPA.	X Mfeke (Lead), Alan Boyd DEA, K Sink, SANBI, iSimangaliso, SAN Parks, Provinces	**01.06.2015**	15.12.2014 > **01.07.2015**	9
2.7	Request Ministers approval to gazette MPAs for comment	A. Share, DEA	**01.07.2015**	15.02.2015> **31.08.2015**	9
2.8	Dedicated media and MPA awareness initiative launched to co-incide with gazetting of MPA network for comment. This will will focus on the overall need for the network and how the DEA has approached the matter. It will also give advance notice about the consulation process.	DEA Communications (Lead), SANBI, WWF, iSimangaliso, SAN Parks, Provinces	**01.08.2015**	31.03.2015> **30.09.2015**	9
2.9	Publish intention to declare an MPA Network in the Government Gazette including a call for comment	X. Mkefe, DEA	01.03.2015 > **01.09.2015**	31.03.2015> **30.09.215**	4
2.10	Minister to send notices to other relevant Ministers for their comment	A. Share, DEA	01.03.2015 > **01.09.2015**	31.03.2015> **30.09.2015**	4

3 Stakeholder consultation process, and preparation of revised MPA network proposal

3.1	Consultation period of 60 days is supported by holding workshops with communities, local stakeholders, provincial and municipal role-players. Professional and neutral facilitators will be used, who could come from the private sector or government. The specific management agency, who would manage the MPA may play a prominent role. The main purpose of the workshops is to inform and empower people to submit comments.	X Mkefe DEA (Lead), K Sink, SANBI, iSimangaliso Wetland Park Authority, SAN Parks, Provinces	01.04.2015> **01.10.2015**	31.05.2015> **30/11/2015**	9	
3.1.2	Hold at least one national consultation workshops for O&G, mining, fishing and other large industries for offshore component of the MPA network in the 60day consultation window. The main purpose of the workshops is to inform and enable people to submit written comments.	X Mkefe DEA (Lead), and DEA colleagues from CD: OCM and CD: Research, K Sink, SANBI, SAN Parks, Provinces	01.04.2015> **01.10.2015**	31.05.2015> **30/11/2015**	9	SHOULD THE NATIONAL WORKSHOP NOT PRECEDE THE DRAFT - BUY IN WILL EXPEDITE THE DECLARATION PROCESS. It will probably just double the work, and parties may not see it going anywhere if publication at least is not done.

3.2	Receive all comments (including comments from other organs of state), acknowledge, collate in December	X Mkefe DEA (Lead), K Sink, SANBI, SAN Parks, Provinces	**01.10.2015**	**31.12.2015**	13
3.3	Consideration of comments received, make recommendations to resolve issues that arise. Prepare comments response table.	X Mkefe (Lead), Alan Boyd, OCM, DEA, K Sink, SANBI, SAIAB, iSimangaliso, SAN Parks, Provinces	**01.01.2016**	**28.02.2016**	4
3.4	Revise and improve MPAs based on consideration of comments, in particular boundaries and zonation. May include stakeholder or sector engagement. May need high resolution mechanisms.	X Mkefe (Lead), A Boyd DEA, OCM DEA, K Sink, SANBI, SAN Parks, Provinces		within 2 months of completion of consultation and negociation with stakeholders	
3.5	Legal drafting/checking of declaration notices and regulations (get additional support)	Adv Radia Razack		within 3 months of receipt of revised drafts from the branch	13

	4 Declaration of the MPA Network			
4.1	Submission to minister requesting declaration of MPAs. Attached will be final draft declaration notices and regulations, and supporting annexures including scope and progress in the development of management plans.	A. Share, DEA	immediately after cetification by Legal services	4

	5 Management plans and arrangements for implementation of the newly proclaimed MPAs in place			
5.1	Initial preparation of draft management plans, so key implications can be included in Ministerial submission	X Mkefe (DEA) (Lead), SANParks, iSimangaliso, Provinces		
5.3	Complete draft management plans so that there is a basis to direct implementation immediately after gazetting	X Mkefe (DEA) (Lead), SANParks, iSimangaliso, Provinces		
5.4	Finalize Management Plans based on consultation with Stakeholders	X Mkefe (DEA) (Lead), SANParks, iSimangaliso, Provinces		
5.5	Approval of management plans (PAA requirement is 12 months after declaration)	Minister, DEA	31.03.2019	9

	6 Complete a Protected Area Expansion Plan (work programme to be finalised)				
6.1	Collate all information from research programme	Kerry Sink (SANBI	01.04.2017	30.06.2017	13
6.2	Spatial analysis and planning	Kerry Sink (SANBI	01.07.2017	30.09.2017	13
6.3	Proposed areas for inclusion in MPA	Kerry Sink (SANBI	01.10.2017	31.12.2017	13
6.4	Submit Protected Area Expansion Plan for approval to Minister	Xola Mkefe DEA	01.01.2018	01.03.2018	9
6.5	Ministerial approval for implementation	Andre Share	01.03.2018	31.03.2018	4

Initiative 9: MPA/MSP Discovery, Research & Monitoring Programme
Start Date: Jul 2014
End Date: End 2018

No	Milestone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
1 ACEP & Phakisa Ocean Cruises							
		1.1	Revise existing ACEP call to include Phakisa Ocean cruises. Specifically get text for inclusion on broad objectives for MPA research with an emphasis on expansion.	Angus Paterson (SAIAB) - Lead; Gilbert Siko (DST); Ashley Naidoo (DEA); PHAKISA TEAM	2014/08/01	2014/08/10	1
		1.2	Develop High Level MOU of support for both the main funding agencies (DST & DEA)	Angus Paterson (SAIAB) - Develop; Gilbert Siko (DST) - Sign; Ashley Naidoo (DEA) - Sign	2014/08/01	2014/08/05	1
		1.3	Finalise open call documentation	Angus Paterson (SAIAB) - Lead; Lynn Erasmus (NRF)	2014/08/01	2014/10/31	112
		1.4	Release open call	Lynn Erasmus (NRF)	2014/09/15	2014/11/01	7
		1.5	Evaluate Submissions	Lynn Erasmus (NRF) - Lead, ACEP Committee (incl. DEA)	2015/02/01	2015/02/28	4
		1.6	Optimise submission in conjunction with applicants. This involves research optimisation as well as logistical planning e.g. cruise dates.	Angus Paterson (SAIAB) - Lead; Gilbert Siko (DST); Ashley Naidoo (DEA)	2014/11/15	2015/02/28	14
		1.7	MOA with DEA regarding cruise times and availability	Angus Paterson (SAIAB) - Lead; Ashley Naidoo (DEA)	2014/11/15	2015/02/28	15
		1.8	Contracting and Grant awards to applicants	Lynn Erasmus (NRF) - Lead; Angus Paterson (SAIAB)	2014/12/01	2015/01/29	8
		1.9	First co-ordination meeting (2015)	Angus Paterson (SAIAB) - Lead; DEA, DST, MPA Comm, Chair and participating agencies	2015/05/01	2015/05/10	1
		1.1	2015 Annual Report	Angus Paterson (SAIAB) - Lead; DEA, DST and participating agencies	2016/04/01	2016/06/29	13
		1.12	2015 Synopsis report on MPA projects within ACEP developed for MPA Steering Comm	Angus Paterson (SAIAB) - Lead; DEA, DST and participating agencies	2016/04/01	2016/06/29	13
		1.13	2nd co-ordination meeting (2016)	Angus Paterson (SAIAB) - Lead; DEA, DST, MPA Comm, Chair and participating agencies	2015/05/01	2016/05/10	1
		1.14	2016 Synopsis report on MPA projects within ACEP developed for MPA Steering Comm	Angus Paterson (SAIAB) - Lead; DEA, DST, MPA Comm, Chair and participating agencies	2017/04/01	2017/06/29	13
		1.15	2016 Annual Report	Angus Paterson (SAIAB) - Lead; DEA, DST and participating agencies	2017/04/01	2017/06/29	13
		1.16	3rd Co-ordination meeting (2017)	Angus Paterson (SAIAB) - Lead; DEA, DST, MPA Comm, Chair and participating agencies	2017/05/01	2017/05/10	1
		1.17	2017 Synopsis report on MPA projects within ACEP developed for MPA Steering Comm	Angus Paterson (SAIAB) - Lead; DEA, DST and participating agencies	2018/04/01	2018/06/29	13
		1.18	2017 Annual Report	Angus Paterson (SAIAB) - Lead; DEA, DST and participating agencies	2018/04/01	2018/06/29	13
2 MPA/MSP Research, Monitoring and Capacity-building Committee							
		2.1	Convene Phakisa MPA lab team to develop draft document. Document must include Governance structure, Reporting structure, Members, Funding modality, Priority projects)	Angus Paterson (SAIAB) - Lead; DEA CD: Oceans Coasts Research	2014/11/01	2014/11/30	4
		2.2	Distribute proposal to MPA/MSP researchers at large, collate comments and finalise document	Angus Paterson (SAIAB) - Lead; Alan Boyd (DEA)	2014/11/01	2014/11/20	3
		2.3	Elect members through process outlined in 2.1.	Angus Paterson (SAIAB) - Lead; Alan Boyd (DEA)	2014/12/01	2014/12/15	2
		2.4	Convene first meeting and agree on priority projects (These would include Milestone 3 & 4 but also cover issues such as SOPs, Data management, Data sharing, linkages with MSP , funding etc.	Angus Paterson (SAIAB) - Lead; MPA/MSP Research Committee members	2015/01/01	2015/01/30	4
		2.5	Confirm team to Design & OverseeDiscovery, Research & Monitoring (DRuM)programme (Milestone 3)	Angus Paterson (SAIAB) - Lead; MPA/MSP Research Committee members	2015/01/01	2015/01/30	4
		2.6	Confirm team to undertake scoping exercise for MPA/MSP research 2018- 2030 (Milestone 4)	Angus Paterson (SAIAB) - Lead; MPA/MSP Research Committee members	2015/01/01	2015/01/30	4

3 MPA/MSP Discovery, Research, and Monitoring (DRuM) Programme

3.1	DRuM Team (See 2.5) design DRuM programme. Includes: Research management structure; Reporting structure; Funding modality; Priority Research & Exploration areas; Desktop data collection.	Mandated (DRuM) Programme Oversight team	2015/01/30	2015/04/30	13
3.2	Desktop data collection and analysis of biodiversity (environmental, biological, ecological) for new MPAs for which few data exist	Mandated (DRuM) Programme Oversight team	2015/01/30	2015/04/30	13
3.3	Integrate comments from Gazetting process into programme design (iterative)	Mandated DRuM) Programme Oversight team	2015/01/30	2015/04/30	13
3.4	Investigate funding and confirm funding arrangements between key agencies e.g. DST and DEA.	Mandated DRuM) Programme Oversight team	2015/01/30	2015/04/30	13
3.5	Plan and contract logistics e.g. ships time, ROV, etc.	Mandated Oversight team & Platform managers e.g. DEA, SAIAB, SAEON, CSIR, DAFF, etc.	2014/04/30	2015/07/30	64
3.6	Undertake Directed call	Lynn Erasmus (NRF)	2014/04/30	2015/07/30	64
3.7	Identify and procure additional equipment	Mandated (DRuM) Programme Oversight team	2015/01/30	2015/07/30	26
3.8	Liaise with Industry regarding Industry platforms and Industry involvement	Mandated (DRuM) Programme Oversight team	2015/01/30	2015/07/30	26
3.9	Ist Programme Project co-ordination meeting (end 2015)	Mandated (DRuM) Programme Oversight team	2015/11/01	2015/11/30	4
3.10	Implement Projects (These projects will be defined in 3.1)	Mandated (DRuM) Programme Oversight team	2016/03/01	2019/03/30	159
3.11	Potential project 1 - DEA led dedicated cruises	Mandated (DRuM) Programme Oversight team	2016/03/01	2019/03/30	159
3.12	Potential project 2 - Directed Call	Mandated (DRuM) Programme Oversight team	2016/03/01	2019/03/30	159
3.13	Potential project 3 - Industry co-operation project	Mandated (DRuM) Programme Oversight team	2016/03/01	2019/03/30	159
3.14	2nd Programme Project co-ordination meeting (2016)	Mandated (DRuM) Programme Oversight team	2016/11/01	2016/11/30	4
3.15	2016 ERM Programme Annual Report	Mandated (DRuM) Programme Oversight team	2017/03/01	2017/03/30	4
3.16	3rd Programme Project co-ordination meeting (2017)	Mandated (DRuM) Programme Oversight team	2017/11/01	2017/11/30	4
3.17	2017 ERM Programme Annual Report	Mandated (DRuM) Programme Oversight team	2017/03/01	2017/03/30	4
3.18	4th Programme Project co-ordination meeting (2018)	Mandated (DRuM) Programme Oversight team	2018/11/01	2018/11/30	4
3.19	2018 ERM Programme Annual Report	Mandated (DRuM) Programme Oversight team	2019/03/01	2019/03/30	4
3.20	Final Delivery - Representative MPA Plan	Mandated (DRuM) Programme Oversight team	2018/09/01	2018/12/30	17
3.21	Develop plan	Mandated (DRuM) Programme Oversight team	2018/09/01	2018/12/30	17
3.22	Distribute for comment	Mandated (DRuM) Programme Oversight team	2018/09/01	2018/12/30	17
3.23	Finalisation of MPA plan	Mandated (DRuM) Programme Oversight team	2018/09/01	2018/12/30	17

4 MPA/MSP Scoping Exercise 2018-2030

4.1	Undertake scoping study	Mandated MPA/MSP scoping team	2016/01/01	2016/07/30	30
4.2	Syndication with lead Ministries including Treasury	Mandated MPA/MSP scoping team	2016/04/01	2016/09/01	22
4.3	Circulation for comment	Mandated MPA/MSP scoping team	2016/09/01	2016/09/30	4
4.4	Finalise	Mandated MPA/MSP scoping team	2016/10/01	2016/11/30	9

5 Capacity Building & Transformation Programme

5.1	Initiate Phuhlisa 2 - ACEP Transformation Plan	Garth van Heerden (ACEP Phuhlisa team) - Lead	01-Mar-15	2015/04/01	4
5.2	Undertake annual Phuhlisa activities 2015	Garth van Heerden (ACEP Phuhlisa team) - Lead	2015/04/01	2015/12/30	39
5.3	Undertake annual Phuhlisa activities 2016	Garth van Heerden (ACEP Phuhlisa team) - Lead	2016/01/01	2016/12/30	51
5.4	Integrate MPA Research programme students with Phuhlisa Programme	Garth van Heerden (ACEP Phuhlisa team) - Lead; MPA Programme team	2016/01/01	2016/12/30	51
5.5	Undertake Annual Phuhlisa & MPA activities 2017	Garth van Heerden (ACEP Phuhlisa team) - Lead; MPA Programme team	01-Jan-17	30-Dec-17	51
5.6	Undertake Annual Phuhlisa & MPA activities 2018	Garth van Heerden (ACEP Phuhlisa team) - Lead; MPA Programme team	01-Jan-18	30-Dec-18	51
5.7	Undertake Annual Phuhlisa & MPA activities 2019	Garth van Heerden (ACEP Phuhlisa team) - Lead; MPA Programme team	01-Jan-19	30-Dec-19	51

Initiative 10: Marine Spatial Planning
Start Date: Oct 2014
End Date: Ongoing

No	Milestone	No	Detailed activity	Responsibility	Planned start date (dd.mm.yyyy)	Planned end date (dd.mm.yyyy)	Length (in weeks)
1 Appointment of the Oceans Secretariat							
		1.1	**As per the Governance Group process**	**DG: DEA/ DG: DPME**	**1-Sep-14**	**30-Nov-14**	**12**
2 Interim Research, database management and planning tools Working Group established - check if activity cannot be integrated into Informaton System Initiative							
		2.1	**Interim Research, database management and planning tools Implemetation Leader appointed - this function aligned and incorporated into the development of the information system - Initiative 7**	DEA Director: Ocean Conservation	**1-Sep-14**	**15-Sep-14**	**2**
		2.1.1	Compile Draft ToR for the interim Research, database management and planning tools WG	DEA Director: Ocean Conservation	16-Sep-14	30-Sep-14	2
		2.1.2	Identify appropriate members to serve in the interim Research, database management and planning tools WG - can be incorporated into Information System Initiative if possible	DEA Director: Ocean Conservation	16-Sep-14	30-Sep-14	2
		2.1.3	Send out letters of invitation and supporting documents	DEA Director: Ocean Conservation	1-Oct-14	15-Oct-14	2
		2.1.4	Send out reminders	DEA Director: Ocean Conservation	16-Oct-14	30-Oct-14	2
		2.1.5	Convene first Research, database management and planning tools WG Meeting and endorse the interim members	DEA Director: Ocean Conservation	1-Nov-14	15-Nov-14	2
			- Detail guidance on the purpose/ functions of the interim Research, database management and planning tools WG	DEA Director: Ocean Conservation			
			- Refine draft ToR for the formal National Research, database management and planning tools WG	DEA Director: Ocean Conservation			
		2.1.6	Convene second Research, database management and planning tools WG Meeting for progress and updates	DEA Director: Ocean Conservation	15-Jan-15	30-Jan-15	2
		2.1.7	Prepare a handover report of all the work covered before the appointment of the permanent Research, database management and planning tools WG	DEA Director: Ocean Conservation	1-Feb-15	31-Mar-15	8
3 National Research, database management and planning tools Working Group established - function can be integratd into the Information Systeme Initiative							
		3.1	**National Research, database management and planning tools Implementation Leader appointed and the WG established**	DEA Director: Ocean Conservation	**1-Apr-15**	**30-Jun-15**	**12**
		3.1.1	Appointment of the Implemetation Leader for the Research, database management and planning tools	DEA Director: Ocean Conservation	**1-Apr-15**	**30-Apr-15**	**4**
		3.1.2	Update ToR for the Research, database management and planning tools WG	DEA Director: Ocean Conservation	1-May-15	31-May-15	4
		3.1.3	Identify appropriate members (taking into account the membership of the Research, database management and planning tools)	DEA Director: Ocean Conservation	1-May-15	31-May-15	4
		3.1.4	Send out letters of invitation and supporting documents	DEA Director: Ocean Conservation	1-May-15	31-May-15	4
		3.1.5	Send out reminders	DEA Director: Ocean Conservation	1-May-15	31-May-15	4
		3.1.6	Convene the first meeting formal meeting	DEA Director: Ocean Conservation	1-May-15	30-Jun-15	8
		3.1.7	Quarterly meetings	DEA Director: Ocean Conservation	1-Jul-15	1-Jul-15	Ongoing - 4 meetings per FY

4 Training and Capacity Building workshops for the development of National Marine Spatial Management Framework

4.1		**Capacity building workshop facilitated by international MSP expert**	DEA Director: Ocean Conservation	**1-Oct-14**	**30-Jun-15**	**36**
	4.1.1	Draft ToR for international expert(s) to conduct 2-3 day MSP Training Workshop (Tors only required if outsourced, expertise can be developed in-house or possible through international	DEA Director: Ocean Conservation	1-Oct-14	30-Oct-14	4
	4.1.2	ToR to be approved	DEA Director: Ocean Conservation	1-Nov-14	30-Nov-14	4
	4.1.3	Advertise for Expressions of Interest (EOI)/Bids	DEA Director: Ocean Conservation	1-Dec-15	15-Jan-15	4
	4.1.4	Acknowledge EOIs/Bids received	DEA Director: Ocean Conservation	15-Jan-15	30-Jan-15	4
	4.1.5	Collate EOIs/Bids and prepare for evaluation	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	4.1.6	Convene panel to review EOIs	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	4.1.7	Recommend preferred Service Provider to Secretaiat	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	4.1.8	Appoint Service Provider	DEA Director: Ocean Conservation	1-Mar-15	30-Mar-15	4
	4.1.9	Service Provider to produce draft training course outline	DEA Director: Ocean Conservation	1-Apr-15	30-Apr-15	4
	4.1.10	Research, database management and planning tools Implementation Leader to approve training course outline	DEA Director: Ocean Conservation	1-Apr-15	30-Apr-15	4
	4.1.11	Make necessary logistical arrangements	DEA Director: Ocean Conservation	1-Mar-15	30-Apr-15	8
	4.1.12	Conduct MSP Training Workshop	DEA Director: Ocean Conservation	1-May-15	30-May-15	4
	4.1.13	Produce Training Workshop Report	DEA Director: Ocean Conservation	1-Jun-15	30-Jun-15	4
4.2		**Develop a workshop schedule and Identify relevant National & International Marine Spatial Planning experts workshops**	DEA Director: Ocean Conservation	**1-Jul-15**	**30-Aug-15**	**8**
	4.2.1	Develop a schedule plan of National & International workshops on Marine Spatial Planning discussions	DEA Director: Ocean Conservation	1-Jul-15	30-Jul-15	4
	4.2.2	Approval of the workshop schedule plan	DEA Director: Ocean Conservation	1-Aug-15	30-Aug-15	4

5 Agree on the best suitable model/process for developing National Marine Spatial Management Framework

5.1		**Agreement reached on best process to follow**				**12**
	5.1.1	Present international examples and best practice for developing MSP Framework looking at the South African context (during Training Workshop)	DEA Director: Ocean Conservation	1-May-15	30-May-15	4
	5.1.2	Provide recommendations on the best possible approach for South African context	DEA Director: Ocean Conservation	1-Jun-15	30-Jun-15	4
	5.1.3	Preferred process agreed to, process summarised and recorded	DEA Director: Ocean Conservation	1-Jul-15	30-Jun-15	4
	5.1.4	Adoption of preferred process	DEA Director: Ocean Conservation	1-Jul-15	31-Jul-15	4

6 Existing Information and Knowledge products identified, collated and gaps defined - check if activity cannot be integrated into Informaton System Initiative						
	6.1	**Undertake inventory of existing knowledge products / data and spatial layers**	DEA Director: Ocean Conservation	**1-Oct-14**	**31-Jan-15**	**16**
	6.1.1	Appoint Service Provider to undertake audit and produce Inventory Report	DEA Director: Ocean Conservation	1-Sep-14	30-Nov-14	12
	6.1.2	Obtain 10 - 30 year future use projections from key stakeholders (industry, conservation bodies etc)	DEA Director: Ocean Conservation	1-Dec-14	30-Dec-14	4
	6.1.3	Produce draft Inventory Report, database of existing spatial data layers and knowledge products	DEA Director: Ocean Conservation	1-Jan-15	31-Jan-15	4
	6.1.4	Identify gaps and make recommendations for filling these gaps in the Inventory Report	DEA Director: Ocean Conservation	1-Jan-15	31-Jan-15	4
	6.2	**Present Inventory Report to interim Research, database management and planning tools WG for consideration**	DEA Director: Ocean Conservation	**1-Feb-15**	**30-Mar-15**	**8**
	6.2.1	Review draft Inventory Report	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	6.2.2	Update draft Inventory Report	DEA Director: Ocean Conservation	1-Mar-15	31-Mar-15	4
	6.2.3	Submit the draft Inventory Report to Research, database management and planning tools WG	DEA Director: Ocean Conservation	1-Mar-15	30-Mar-15	4
7 National Marine Spatial Planning Framework developed (Principles, Goals, Objectives and Strategies)						
	7.1	**Develop the National Marine Spatial Planning Framework**	DEA Director: Ocean Conservation	**1-Dec-15**	**31-Dec-15**	**56**
	7.1.1	Draft ToR for the development of the National Marine Spatial Planning Framework looking at National and International Principles, Goals and Objectives applied to MSP - outsourcing model	DEA Director: Ocean Conservation	1-Dec-14	31-Dec-14	4
	7.1.2	ToR to be approved	DEA Director: Ocean Conservation	1-Jan-15	28-Jan-15	4
	7.1.3	Advertise for Expressions of Interest (EOI) / Bids	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	7.1.4	Acknowledge EOIs/Bids received	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	7.1.5	Collate EOIs/Bids and prepare for evaluation	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	7.1.6	Convene panel to review EOIs	DEA Director: Ocean Conservation	1-Feb-15	28-Feb-15	4
	7.1.7	Recommend preferred Service Provider to Secretariat	Panel	1-Feb-15	28-Feb-15	4
	7.1.8	Appoint Service Provider	DEA Director: Ocean Conservation	1-Apr-15	30-Apr-15	4
	7.1.9	Produce draft National Marine Spatial Planning Framework (inclusive of recommendations from the Marine Spatial Planning capacity training/workshop)	DEA Director: Ocean Conservation	1-Apr-15	30-Jul-15	16
	7.1.10	Present draft National Marine Spatial Planning Framework and facilitate discussion at Research, database management and planning tools WG	DEA Director: Ocean Conservation	1-Jul-15	30-Jul-15	4
	7.1.11	Review the draft National Marine Spatial Planning framework	DEA Director: Ocean Conservation	1-Aug-15	30-Aug-15	4
	7.1.12	Produce final draft National Marine Spatial Planning Framework	DEA Director: Ocean Conservation	1-Sep-15	30-Sep-15	4
	7.1.13	Submit the final draft National Marine Spatial Planning Framework approval	DEA Director: Ocean Conservation	1-Sep-15	30-Sep-15	8

8	**Regional Marine Spatial Planning Frameworks developed**				
8.1	**Developing the Regional Marine Spatial Planning Framework**	DEA Director: Ocean Conservation	**1-Jan-16**	**30-Dec-16**	**52**
8.1.1	Draft ToR for the development of the Regional Marine Spatial Planning Framework looking at a region specific Principles, Goals and Objectives applicable	DEA Director: Ocean Conservation	1-Jan-16	28-Feb-16	8
8.1.2	ToR to be approved	DEA Director: Ocean Conservation	1-Mar-16	30-Mar-16	4
8.1.3	Produce draft Regional Marine Spatial Planning Framework (taking into account National Marine Spatial Planning Framework principles, goals, strategies and objectives)	DEA Director: Ocean Conservation	1-Apr-16	30-Jul-16	16
8.1.4	Present draft Regional Marine Spatial Planning Framework and facilitate discussion at Research, database management and planning tools WG	DEA Director: Ocean Conservation	1-Jun-16	30-Jul-16	8
8.1.5	Review the draft Regional Marine Spatial Planning framework	DEA Director: Ocean Conservation	1-Aug-16	30-Aug-16	4
8.1.6	Produce the final draft Regional Marine Spatial Planning Framework	DEA Director: Ocean Conservation	1-Sep-16	30-Sep-16	4
8.1.7	Submit the final draft Regional Marine Spatial Planning Framework for approval	DEA Director: Ocean Conservation	1-Oct-16	30-Oct-16	4

9	**Sub - Regional Marine Spatial Management Plans developed**				
9.1	**Developing the Sub - Regional Marine Spatial Plan**	DEA Director: Ocean Conservation	**1-Jan-17**	**30-Mar-18**	**64**
9.1.1	Draft ToR for the development of the Sub - Regional Marine Spatial Plan looking at a sub - region specific Principles, Goals and Objectives applicable	DEA Director: Ocean Conservation	1-Jan-17	28-Feb-17	8
9.1.2	ToR to be approved	DEA Director: Ocean Conservation	1-Mar-17	30-Mar-17	4
9.1.3	Produce draft Sub - Regional Marine Spatial Plan (taking into account Regional Marine Spatial Planning Framework principles, goals, strategies and objectives)	DEA Director: Ocean Conservation	1-Apr-17	30-Sep-17	25
9.1.4	Present draft Sub - Regional Marine Spatial Plan and facilitate discussion at Research, database management and planning tools WG	DEA Director: Ocean Conservation	1-Oct-17	30-Oct-17	4
9.1.5	Review the draft Sub - Regional Marine Spatial Management Plan	DEA Director: Ocean Conservation	1-Oct-17	30-Nov-15	8
9.1.6	Produce the final draft Sub - Regional Marine Spatial Plan	DEA Director: Ocean Conservation	1-Dec-17	30-Dec-17	4
9.1.7	Submit the final draft Sub - Regional Marine Spatial Plan for approval	DEA Director: Ocean Conservation	15-Jan-18	28-Feb-18	6

10	**Implementation Plan of the National and Regional Marine Spatial Planning Framework developed and Implemented**				
10.1	**Implementing and Enforcing the National Marine Spatial Planning Framework**	DEA Director: Ocean Conservation	**1-Jan-16**	**30-Mar-16**	**12**
10.1.1	Departments to develop an Implemention plan to enforce measures provided in the National Marine Spatial Planning Framework	DEA Director: Ocean Conservation	1-Jan-16	30-Mar-16	12
10.1.2	Departments to report on measure take and progress with regards to achievement and challenges in the implementating the National Marine Spatial Planning Framework	DEA Director: Ocean Conservation	1-Apr-16	30-Mar-26	10 year reporting circle
10.2	**Implementing and Enforcing the Regional Marine Spatial Planning Framework**	DEA Director: Ocean Conservation	**1-Jan-17**	**30-Mar-17**	**12**
10.2.1	Departments to develop an Implemention plan to enforce measures provided in the Regional Marine Spatial Planning Framework	DEA Director: Ocean Conservation	1-Jan-17	30-Mar-17	12

| 10.2.2 | Departments to report on measure take and progress with regards to achievement and challenges in the implementating the Regional Marine Spatial Planning Framework | DEA Director: Ocean Conservation | 1-Apr-17 | 30-Mar-22 | 5 year reporting circle |

11 Implementation Plan of the Sub-Regional Marine Spatial Management Plans developed and Implemented

11.1		**Implementing and Enforcing the Sub-Regional Marine Spatial Plan**	DEA Director: Ocean Conservation	**1-Apr-18**	**30-Jul-18**	**12**
	11.1.1	Departments to develop an Implemention plan to enforce measures provided in the Sub-Regional Marine Spatial Plan	DEA Director: Ocean Conservation	1-Apr-18	30-Jul-18	16
	11.1.2	Departments to report on measure take and progress with regards to achievement and challenges in the implementating the Sub-Regional Marine Spatial Plan	DEA Director: Ocean Conservation	1-Apr-18	30-Mar-21	3 year reporting circle

12 Monitoring and Evaluting Performance of National and Regional Marine Spatial Planning Frameworks

12.1		**Monitoring and evaluating performance indicators of the National Marine Spatial Planning Framework**	DEA Director: Ocean Conservation	**1-Jan-16**	**30-Mar-16**	**12**
	12.1.1	Provide a mechanism for reviewing of the National Marine Spatial Planning Framework over a period of 10 years after a the approval of the plan	DEA Director: Ocean Conservation	1-Jan-16	30-Mar-16	12
	12.1.2	Produce a report and provide a mechanism for addressing challenges	DEA Director: Ocean Conservation	1-Apr-16	30-Mar-26	10 year reporting circle
12.2		**Monitoring and evaluating performance indicators of the Regional Marine Spatial Planning Framework**	DEA Director: Ocean Conservation	**1-Jan-17**	**30-Mar-17**	**12**
	12.2.1	Provide a mechanism for reviewing of the Regional Marine Spatial Planning Framework over a period of 5 years after a the approval of the plan	DEA Director: Ocean Conservation	1-Jan-17	30-Mar-17	12
	12.2.2	Produce a report and provide a mechanism for addressing challenges	DEA Director: Ocean Conservation	1-Apr-17	30-Mar-22	5 year reporting circle

13 Monitoring and Evaluting Performance of Sub-Regional Marine Spatial Management Plans

13.1		**Monitoring and evaluating performance indicators of the Sub-Regional Marine Spatial Plan**	DEA Director: Ocean Conservation	**1-Apr-18**	**30-Jul-18**	**12**
	13.1.1	Provide a mechanism for reviewing of the Sub-Regional Marine Spatial Plan over a period of 3 years after a the approval of the plan	DEA Director: Ocean Conservation	1-Apr-18	30-Jul-18	16
	13.1.2	Produce a report and provide a mechanism for addressing challenges	DEA Director: Ocean Conservation	1-Apr-18	30-Mar-21	3 year reporting circle

14 Conflict Resolution and Trade-offs decision body

14.1		**Conflict Resolution decision making body**
	14.1.1	Refer to the decision tree developed by Oceans Governance team
14.2		**Trade off decision making body**
	14.2.1	Refer to the decision tree developed by Oceans Governance team