APPENDIX 1

ACRONYMS AND ABBREVIATIONS

AMS	Amsterdam (city, where a regional training workshop was organized)
BCN	Barcelona (city, where a regional training workshop was organized)
BRS	Basel, Rotterdam and Stockholm Conventions
CEE	Central and Eastern European countries
CEO	Chief Executive Officer
COP	Conference of the Parties
CVUA	Chemisches Untersuchungsamt Freiburg
DDT	Dichlorodiphenyltrichloroethane
dl-PCB	Dioxin-like PCB
dl-POPs	Dioxin-like POPs
DOE	Department of Environment
DTIE	Division of Technology, Industry and Economics (of UNEP)
EA	Executing Agency
EO	Evaluation Office
GC/ECD	Gas Chromatography/Electron Capture Detector
GEF	Global Environment Facility
GEF TF	Global Environment Facility Trust Fund
GIS	Geographic Information Systems
GLP	Good Laboratory Practices
GMP	Global Monitoring Plan
GRULAC	Group of Latin American and Caribbean
HBCD	Hexabromocyclododecane
HCH	Hexachlorocyclohexane
IA	Implementing Agency
IAS/USP	Institute of Applied Sciences of the University of South Pacific
IES	Integrated Environmental Strategies
ILAC	International Laboratory Accreditation Cooperation
ISO	International Standards Organization
IUPAC	International Union of Pure and Applied Chemistry
IVM VU	Institute for Environmental Studies, University Amsterdam
LDCF	Least Developed Countries Fund
M&E	Monitoring and Evaluation
MEA	Multilateral Environmental Agreements

MSP	Medium-Sized Project
MTM Centre	Man-Technology-Environment research centre
MTR	Mid-Term Review
MTS	Medium Term Strategy
NAP	National Action Plan
NAPA	National Adaptation Programme of Action
NBSAP	National Biodiversity Strategy and Action Plan
NCSA	National Capacity Self-Assessment
NIP	National Implementation Plan
NPFE	National Portfolio Formulation Exercise
NPIF	Nagoya Protocol Implementation Fund
OEPPC	Office of Environmental Planning and Policy Coordination
OERC	Office of Environmental Response and Coordination
OFP	Operational Focal Point
PAS	Passive Air Samplers
PBDE	Polybrominated diphenyl ethers
PCB	Polychlorinated biphenyls
PCDD	Polychlorinated dibenzo-p-dioxins
PCDF	Polychlorinated dibenzofurans
PFOS	Perfluorooctane Sulfonate
PICTs	Pacific Island Countries and Territories
PIF	Project Identification Form
PIR	Pacific Island Region
POPs	Persistent Organic Pollutants
PoW	Progamme of Work
PRSP	Poverty Reduction Strategy Paper
PSC	Project Steering Committee
PUF	Polyurethane foam
QA/QC	Quality Assurance/Quality Control
QSP	Quick Start Programme
RECETOX	Research Center for Toxic Compounds in the Environment
ROAP	Regional Office for Asia and Pacific
SAICM	Strategic Approach to International Chemicals Management
SC	Stockholm Convention
SCCF	Special Climate Change Fund
SGP	Small Grants Programme

SMC	Sound Management of Chemicals
SOP	Standard Operating Procedure
SSFAs	Small-Scale Funding Agreements
TA	Technical Assistance
TEQ	Toxic Equivalent
TNA	Technology Needs Assessment
UNDAF	United Nations Development Assistance Framework
UNEA	United Nations Environment Assembly (of UNEP)
UNEP	United Nations Environment Programme
USP/IAS	University of South Pacific/Institute of Applied Sciences
WEOG	Western European and Others Group
WHO	World Health Organization

APPENDIX 2

OVERALL PROJECT BUDGET (EXCEL)

Project Outputs	GEF	Cofinance	Sub-total
Component 1: Securing conditions for successful project implementation.	162,000	314,359	476,359
1.1 Key stakeholders sign legal documents to carry activities.	44,167	106,724	150,890
1.2 Project workplan and budget are assigned.	68,667	100,911	169,578
1.3 POPs laboratory databank updated.	49,167	106,724	155,890
Component 2: Capacity building and data generation on analysis of core abiotic matrices.	747,000	1,103,876	1,850,876
2.1 Sampling sites for air monitoring identified and operational in the region.	266,700	179,592	446,292
2.2 Sampling sites for water monitoring identified and operational in the region.	53,700	179,592	233,292
2.3 Nat'l labs undertaking analysis of abiotic matrices are operational in the region.	108,950	403,842	512,792
2.4 Nat'l samples for air and water are analyzed and high quality data is reported for the region.	257,650	175,675	433,325
2.5 Results of analysis from the region are summarized in two distinctive sectoral reports.	60,000	165,175	225,175
Component 3: Capacity building and data generation on analysis of core biotic matrices.	335,000	3,330,809	3,665,809
3.1 Countries in the region are capable to undertake sampling of human milk for the 6th round of UNEP/WHO survey.	203,000	586,369	789,369
3.2 National laboratories undertaking analysis of human milk samples are operational in the region.	72,400	1,625,369	1,697,769
3.3 6th round of human milk survey implemented.	59,600	561,202	620,802
3.4 Results are compared with data from earlier rounds and reported to the GMP.	-	557,869	557,869
Component 4: Assessment of existing analytical capacities and reinforcement of national POPs monitoring.	256,000	1,090,543	1,346,543
4.1 Two rounds of the Interlab Assessment undertaken.	37,000	427,188	464,188
4.2 Samples of major interest analysed for nat'l chemicals management identified and analysed.	219,000	663,355	882,355
Component 5: Securing conditions for sustainable POPs monitoring.	283,000	314,359	597,359
5.1 Conclusions, lessons learned and recommendations from GMP2 for future monitoring plan developed.	103,000	101,703	204,703
5.2 The present situation of POPs in the region's environment and humans is pictured in the state-of-the-art report.	175,000	110,953	285,953
5.3 Roadmap for sustainable POPs monitoring developed and agreed.	5,000	101,703	106,703
Project management	172,000	225,659	397,659
	172,000	225,659	397,659
Project monitoring and evaluation	40,000	69,000	109,000
	40,000	69,000	109,000
TOTAL	**1,995,000**	**6,448,604**	**8,443,604**

APPENDIX 3: GEF BUDGET BY PROJECT COMPONENT AND UNEP BUDGET LINES (EXCEL)

Source of funding (noting whether cash or in-kind):			GEF Trust Fund Cash													
			BUDGET ALLOCATION BY PROJECT COMPONENT/ACTIVITY*								ALLOCATION BY CALENDAR YEAR					
			Component 1	Component 2	Component 3	Component 4	Component 5	Project management	Monitoring and evaluation	Total	Year 1	Year 2	Year 3	Year 4	Total
			Conditions for successful project im-plementation in the Pacific Islands region are met	Regional ca-pacities and networks for analysis of core abiotic matrices (air and water) are developed and generate new data for next GMP report	Regional ca-pacities and networks for analysis of core biotic matrices (human milk) are developed and generate new data for next GMP report	. Performance of POPs la-boratories enhanced and POPs assess-ment extend-ed to matrices of major na-tional inter-est	Contribution to regional report for the GMP is per-formed and a plan for sus-tainable POPs monitoring is proposed				12 months	12 months	12 months	12 months	
		UNEP BUDGET LINE/OBJECT OF EXPENDITURE	US$	US$	US$	US$	US$	US$	US$	US$	US$	US$	US$	US$	US$
10		PROJECT PERSONNEL COMPONENT													
	1100	Project Personnel													
	1101	Project coordinator						140,000		140,000	35,000	35,000	35,000	35,000	140,000
	1102	Project staff													
	1199	Sub-Total	0	0	0	0	0	140,000	0	140,000	35,000	35,000	35,000	35,000	140,000
	1200	Consultants w/m													
	1201									0		0			0
	1299	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0
	1600	Travel on official business (above staff)													
	1601	Travel EA Project coordinator/project staff						32,000		32,000	8,000	8,000	8,000	8,000	32,000
	1699	Sub-Total	0	0	0	0	0	32,000	0	32,000	8,000	8,000	8,000	8,000	32,000
	1999	Component Total	0	0	0	0	0	172,000	0	172,000	43,000	43,000	43,000	43,000	172,000
20		SUB-CONTRACT COMPONENT													
	2100	Sub-contracts (UN organizations)													
	2101									0	0	0	0	0	0
	2199	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0
	2200	Sub-contracts (SSFA, PCA, non-UN)													
	2201	National coordination and baseline	81,000							81,000	20,250	20,250	20,250	20,250	81,000
	2202	Subcontracts for nat'l implementation of sampling air		243,000						243,000	81,000	81,000	81,000		243,000
	2203	Subcontracts for regional implementation of sampling water		45,000						45,000	11,250	11,250	11,250	11,250	45,000
	2204	Subcontracts for nat'l implementation of sampling human milk			162,000					162,000	54,000	54,000	54,000		162,000
	2205	Subcontracts for national POPs analysis (air, water, milk, nat'l)		25,450	19,400					44,850		22,425	22,425		44,850
	2206	Expert laboratories for core matrices		205,650	42,100					247,750	61,938	61,938	61,938	61,938	247,750
	2207	Expert laboratory, analysis PFOS water		27,000						27,000		13,500	13,500		27,000
	2208	Implementation of 2 rounds of interlab, Pacific Islands region				6,000				6,000	3,000		3,000		6,000
	2209	Implemenation of mirror samples and analysis (expert labs)				172,500				172,500	43,125	43,125	43,125	43,125	172,500
	2210	Implemenation of mirror samples and analysis (nat'l labs)				31,500				31,500		15,750	15,750		31,500
	2299	Sub-Total	81,000	546,100	223,500	210,000	0	0	0	1,060,600	274,563	323,238	326,238	136,563	1,060,600
	2999	Component Total	81,000	546,100	223,500	210,000	0	0	0	1,060,600	274,563	323,238	326,238	136,563	1,060,600
30		TRAINING COMPONENT													
	3200	Group training (field trips, WS, etc.)													
	3201	Subregional assistance/training to national staff	11,000	12,000	14,000	10,000	15,000			62,000	11,000	18,000	18,000	15,000	62,000
	3202	POPs analysis training in/for Pacific Islands labs		16,500	20,000					36,500	12,167	12,167	12,167		36,500
	3203	Inception WS and final WS for interlab assessment (travel+org)				16,000				16,000	6,400			9,600	16,000
	3204	Sectoral interim training and results WS		50,000	30,000					80,000		80,000			80,000
	3299	Sub-Total	11,000	78,500	64,000	26,000	15,000	0	0	194,500	29,567	110,167	30,167	24,600	194,500
	3300	Meetings/conferences													
	3301	Regional project inception workshop	65,000							65,000	65,000				65,000
	3302	Regional final results workshop (travel, organisation)					68,000			68,000				68,000	68,000
	3303	Meetings at nat'l level for implementation													
	3304	Meetings of Steering Committee (back to back)													
	3399	Sub-Total	65,000	0	0	0	68,000	0	0	133,000	65,000	0	0	68,000	133,000
	3999	Component Total	76,000	78,500	64,000	26,000	83,000	0	0	327,500	94,567	110,167	30,167	92,600	327,500
40		EQUIPMENT and PREMISES COMPONENT													
	4100	Expendable equipment (under 1,500 $)													
	4101	Supplies of samplers, containers for air, water, human milk		17,400	27,000					44,400	44,400				44,400
	4102	For Pacific Islands labs: spares, consumables, standards		5,000	3,000					8,000	8,000				8,000
	4103	Set-up of site for active sampling of air in one country		15,000						15,000		15,000			15,000
	4199	Sub-Total	0	37,400	30,000	0	0	0	0	67,400	52,400	15,000	0	0	67,400
	4200	Non-expendable equipment (above 1,500 $)													
	4201	Lab equipment								0					0
	4202	Admin equipment								0					0
	4203	Vehicles								0					0
	4299	Sub-Total	0	0	0	0	0	0	0	0					0
	4999	Component Total	0	37,400	30,000	0	0	0	0	67,400	52,400	15,000	0	0	67,400
50		MISCELLANEOUS COMPONENT													
	5200	Reporting costs (publications, maps, NL)													
	5201	Sectoral, thematic reports	5,000	60,000	10,000	20,000				95,000		47,500		47,500	95,000
	5202	SOPs, sampling and analysis of core matrices, all POPs		25,000	7,500					32,500	16,250	16,250			32,500
	5203	National reports and regional summary report					110,000			110,000				110,000	110,000
	5204	Preparation of final regional report					30,000			30,000				30,000	30,000
	5205	Visualization, translation, interpretation (Web, WS, documents)					30,000			30,000	7,500	7,500	7,500	7,500	30,000
	5299	Sub-Total	5,000	85,000	17,500	20,000	170,000	0	0	297,500	23,750	71,250	7,500	195,000	297,500
	5500	Evaluation													
	5501	Mid-term evaluation							35,000	35,000		35,000			35,000
	5502	Annual audits (3)								0					0
	5503	Terminal evaluation							35,000	35,000				35,000	35,000
	5599	Sub-Total	0	0	0	0	0	0	70,000	70,000	0	35,000	0	35,000	70,000
	5999	Component Total	5,000	85,000	17,500	20,000	170,000	0	70,000	367,500	23,750	106,250	7,500	230,000	367,500
	TOTAL		162,000	747,000	335,000	256,000	253,000	172,000	70,000	1,995,000	488,279	597,654	406,904	502,163	1,995,000

APPENDIX 4: CO-FINANCE BY SOURCE AND UNEP BUDGET LINES (RECEIVED 15 PLEDGED)

Source of funding (noting whether cash or in-kind):		Co-finance by donor																		ALLOCATION BY CALENDAR YEAR				
		Fiji	Kiribati	Marshall Islands	Palau	Niue	Samoa	Solomon Islands	Tuvalu	Vanuatu	UNEP	BRS Secretariat	SPREP Secretariat	IVM VU Amsterdam	MTM Centre Oerebro	CVUA	USP/IAS	U Queensland	Recetox	WHO	Total	Year 1	Year 2	Year 3	Year 4	Total
																						12 months	12 months	12 months	12 months	
UNEP BUDGET LINE/OBJECT OF EXPENDITURE		US$		US$		US$		US$		US$		US$		US$		US$		US$		US$	US$	US$	US$	US$	US$	US$
10	PROJECT PERSONNEL COMPONENT																									
1100	Project Personnel																									
1101	Project coordinator										120,000										120,000	30,000	30,000	30,000	30,000	120,000
1102	Project staff	144,000	144,000	288,000	72,000		144,000	288,000	144,000	288,000	30,000	75,000	28,504		100,000	1,405,600	380,000	40,000	422,400		3,993,504	998,376	998,376	998,376	998,376	3,993,504
1199	Sub-Total	144,000	144,000	288,000	72,000	0	144,000	288,000	144,000	288,000	150,000	75,000	28,504	0	100,000	1,405,600	380,000	40,000	422,400	0	4,113,504	1,028,376	1,028,376	1,028,376	1,028,376	4,113,504
1200	Consultants w/m																									
1201																					0		0			0
1299	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	Travel on official business (above staff)																									
1601	Travel EA Project coordinator/project staff																				0	0	0	0	0	0
1699	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	Component Total	144,000	144,000	288,000	72,000	0	144,000	288,000	144,000	288,000	150,000	75,000	28,504	0	100,000	1,405,600	380,000	40,000	422,400	0	4,113,504	1,028,376	1,028,376	1,028,376	1,028,376	4,113,504
20	SUB-CONTRACT COMPONENT																									
2100	Sub-contracts (UN organizations)																									
2101																					0		0	0	0	0
2199	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	Sub-contracts (SSFA, PCA, non-UN)																									
2201	National coordination and baseline																				0	0	0	0	0	0
2202	Subcontracts for nat'l implementation of sampling air																				0	0	0	0		0
2203	Subcontracts for regional implementation of sampling water																				0	0	0	0	0	0
2204	Subcontracts for nat'l implementation of sampling human milk																				0	0	0	0		0
2205	Subcontracts for nat'l POPs analysis (air, water, milk, nat'l)																				0		0	0		0
2206	Expert laboratories for core matrices																				0	0	0	0	0	0
2207	Expert laboratory, analysis PFOS water																				0		0	0		0
2208	Implementation of 2 rounds of interlab, Pacific Islands region																				0	0		0		0
2209	Implemenation of mirror samples and analysis (expert labs)																				0	0	0	0	0	0
2210	Implemenation of mirror samples and analysis (nat'l labs)																				0		0	0		0
2299	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2999	Component Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	TRAINING COMPONENT																									
3200	Group training (field trips, WS, etc.)																									
3201	Subregional assistance/training to national staff																	74,000			74,000	18,500	18,500	18,500	18,500	74,000
3202	POPs analysis training in/for Pacific Islands labs																				0	0	0	0		0
3203	Inception WS and final WS for interlab assessment (travel+org)																				0	0			0	0
3204	Sectoral interim training and results WS																				0		0			0
3299	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74,000	0	0	74,000	18,500	18,500	18,500	18,500	74,000
3300	Meetings/conferences																									
3301	Regional project inception workshop																				0	0				0
3302	Regional final results workshop (travel, organisation)																				0				0	0
3303	Meetings at nat'l level for implementation	3,000	2,000	12,000		20,000	2,000	12,000	10,000	12,000			20,000								93,000	23,250	23,250	23,250	23,250	93,000
3304	Meetings of Steering Committee (back to back)										10,000	5,000				2,000	4,000	3,000	5,000		29,000	7,250	7,250	7,250	7,250	29,000
3399	Sub-Total	3,000	2,000	12,000	0	20,000	2,000	12,000	10,000	12,000	10,000	5,000	20,000	0	0	2,000	4,000	3,000	5,000	0	122,000	30,500	30,500	30,500	30,500	122,000
3999	Component Total	3,000	2,000	12,000	0	20,000	2,000	12,000	10,000	12,000	10,000	5,000	20,000	0	0	2,000	4,000	77,000	5,000	0	196,000	49,000	49,000	49,000	49,000	196,000
40	EQUIPMENT and PREMISES COMPONENT																									
4100	Expendable equipment (under 1,500 $)																									
4101	Supplies of samplers, containers for air, water, human milk											20,000									20,000	20,000				20,000
4102	For Pacific Islands labs: spares, consumables, standards																				0	0				0
4103	Set-up of site for active sampling of air in one country																				0		0			0
4199	Sub-Total	0	0	0	0	0	0	0	0	0	0	20,000	0	0	0	0	0	0	0	0	20,000	20,000	0	0	0	20,000
4200	Non-expendable equipment (above 1,500 $)																									
4201	Lab equipment	48,000		50,000		60,000		50,000		50,000					200,000	828,000	116,000	22,500	112,000		1,536,500	1,536,500				1,536,500
4202	Admin equipment	5,000	54,000	50,000	28,000	80,000	54,000	50,000	46,000	50,000			30,000						55,600		502,600	125,650	125,650	125,650	125,650	502,600
4203	Vehicules					40,000															40,000	10,000	10,000	10,000	10,000	40,000
4299	Sub-Total	53,000	54,000	100,000	28,000	180,000	54,000	100,000	46,000	100,000	0	0	30,000	0	200,000	828,000	116,000	22,500	167,600	0	2,079,100	1,672,150	135,650	135,650	135,650	2,079,100
4999	Component Total	53,000	54,000	100,000	28,000	180,000	54,000	100,000	46,000	100,000	0	20,000	30,000	0	200,000	828,000	116,000	22,500	167,600	0	2,099,100	1,692,150	135,650	135,650	135,650	2,099,100
50	MISCELLANEOUS COMPONENT																									
5200	Reporting costs (publications, maps, NL)																									
5201	Sectoral, thematic reports																				0		0		0	0
5202	SOPs, sampling and analysis of core matrices, all POPs																				0	0	0			0
5203	National reports and regional summary report																				0				0	0
5204	Preparation of final regional report																				0				0	0
5205	Visualization, translation, interpretation (Web, WS, documents)																				0	0	0	0	0	0
5299	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5500	Evaluation																									
5501	Mid-term review										10,000										10,000		10,000			10,000
5502	Annual audits (3)										10,000										10,000	2,500	2,500	2,500	2,500	10,000
5503	Terminal evaluation										20,000										20,000				20,000	20,000
5599	Sub-Total	0	0	0	0	0	0	0	0	0	40,000	0	0	0	0	0	0	0	0	0	40,000	2,500	12,500	2,500	22,500	40,000
5999	Component Total	0	0	0	0	0	0	0	0	0	40,000	0	0	0	0	0	0	0	0	0	40,000	2,500	12,500	2,500	22,500	40,000
TOTAL		200,000	200,000	400,000	100,000	200,000	200,000	400,000	200,000	400,000	200,000	100,000	78,504	0	300,000	2,235,600	500,000	139,500	595,000	0	6,448,604	2,772,026	1,225,526	1,215,526	1,235,526	6,448,604

APPENDIX 5

PUBLIC AWARENESS, COMMUNICATIONS AND MAINSTREAMING

Achieving intra-governmental cooperation (synergies) and public awareness will be a major outcome of the project and is expected to trigger actions and activities nationally. Indeed, the overall purpose of the project is to assist countries in generating high quality scientific data for monitoring the presence of POPs in its population and environment. Such scientific data allows to assess the amplitude of the risks imposed by POPs in the region, and thus offer the basis for awareness raising, decision-making and actions within governments and the general public, both at national and regional levels.

Therefore, the project puts a strong emphasis in adopting a multi-stakeholder approach, first in identifying relevant and strategic stakeholders, and then in establishing good communication and solid networks between them (see project component 1). The project aims at developing communication strategies for effective dissemination of findings among the public, as well as to mainstream POPs management in the national political agendas. The primary beneficiaries of the project are the national governments, their ministries, agencies and related research institutions.

Results of the different reports (*e.g.*, national, sectoral, etc.) contribute to the regional monitoring plan and (finally) to the global monitoring plan. Some of these results will also be published in the scientific literature. Moreover, the numeric data will be made publicly available through the GMP database hosted by the Stockholm Convention regional center in the Czech Republic, Recetox Institute at Masaryk University in Brno.

Component 4 of this project, which involves an intercalibration assessment, will also contribute to raise awareness of national laboratories concerning international standards for POPs analysis and will generate confidence into data coming from developing country laboratories and thus increase trust and visibility. Such qualified laboratories will be able to submit high quality data to the GMP in the future.

Furthermore, the participating countries and stakeholders will meet at the end of the project for a final workshop, where they will develop statements and conclusions on lessons learned, as well as recommendations for future monitoring plan. These conclusions and recommendations will then be incorporated into a roadmap for sustainable POPs monitoring in the region, which will consists of an agreed and integrative document negotiated and discussed by all stakeholders. The roadmap will include actions on how to disseminate within the region the project's data, main findings and conclusions. This approach allows to develop communication strategies based on the findings and lessons learned of the project, and fosters stakeholders' ownership and cultural appropriateness.

Communication and dissemination of the project and its results needs careful consideration, planning and professionalism, to offer the right perspective and messages, and to achieve intended results. Therefore, the communication strategy and the communicators have to be entrusted by the national government. It is anticipated that the main communication mechanisms will be through public institutions (according to their mandates) and academia.

It is worth noting that the participating countries already identified the development of such information exchange, monitoring and reporting system as national priorities in their National Implementation Plans (NIPs). The NIPs were developed through a multi-stakeholder processes, where representatives from key ministries participated and endorsed the final document. Hence, political commitment for communication and mainstreaming appears to be strong.

APPENDIX 6

ENVIRONMENTAL AND SOCIAL SAFEGUARDS

Under WHO, a protocol has been developed for sampling and sample preparation methodology for exposure studies of Persistent Organic Pollutants (Malisch and Moy, 2006; WHO, 2007), and is based on the three previous rounds of WHO coordinated studies (1987-1988, 1992-1993 and 2000-2001). This protocol will form the basis for the human milk component of the GMP. Local ethical considerations will be taken into account in the application of the protocol. It should be noted that for all WHO projects, all sampling for human material needs formal clearance by an ethics committee.

Under the *environmental safeguards*, the project will follow internationally agreed standards in sampling and analysis of biotic and abiotic matrices for POPs. The principles of good laboratory practices (GLP) as defined by the Organisation for Economic Co-operation and Developmen (OECD; http://www.oecd.org/env/ehs/testing/goodlaboratorypracticeglp.htm). GLP is a quality system concerned with the organisational processing process and conditions under which non-clinical health and environmental safety studies are planned, performed, monitored, recorded, archived and reported. The primary objective of the OECD Principles of Good Laboratory Practice (GLP) is to ensure the generation of high quality and reliable test data related to the safety of industrial chemical substances and preparations in the framework of harmonising testing procedures for the Mutual Acceptance of Data (MAD).

Good Laboratory Practice (GLP) embodies a set of principles that provides a framework within which laboratory studies are planned, performed, monitored, recorded, reported and archived. These studies are undertaken to generate data by which the hazards and risks to users, consumers and third parties, including the environment, can be assessed for pharmaceuticals (only preclinical studies), agrochemicals, cosmetics, food additives, feed additives and contaminants, novel foods, biocides, detergents *etc.* . GLP helps assure regulatory authorities that the data submitted are a true reflection of the results obtained during the study and can therefore be relied upon when making risk/safety assessments.

During the implementation of this project, special attention will be given to the management of wastes from the laboratories since they may contain harmful substances (such as POPs) or solvents and adsorbents.

APPENDIX 7: WORKPLAN AND TIMETABLE

Project activities	Project year 1				Project year 2				Project year 3				Project year 4				Post project period
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Component 1: Securing conditions for successful project implementation.																	
1.1 Key stakeholders sign legal documents to carry activities.		*		*													
1.2 Organise inception workshop, with project workplan and budget assigned.			*														
1.3 Update POPs laboratory databank.		*		*												*	
Component 2: Capacity building and data generation on analysis of core abiotic matrices.																	
2.1 Identify sampling sites for air monitoring and make them operational.				*				*					*				
2.2 Identify sampling sites for water monitoring and them operational.				*									*				
2.3 Make nat'l labs operational for undertaking analysis of abiotic matrices.				*		*		*									
2.4 Analyse nat'l samples for air and water, and report high quality data.																	
2.5 Summarize results of analysis in two distinctive sectoral reports.																*	
Component 3: Capacity building and data generation on analysis of core biotic matrices.																	
3.1 Make countries in the region capable to undertake sampling of human milk for the 6th round of UNEP/WHO survey.				*													
3.2 Make nat'l laboratories operational for undertaking analysis of human milk samples.				*						*							
3.3 Impement the 6th round of human milk survey.		*								*							
3.4 Compare results with data from earlier rounds, and report them to the GMP.																	
Component 4: Assessment of existing analytical capacities and reinforcement of national POPs monitoring.																	
4.1 Organise two rounds of the Interlab Assessment.							*								*		
4.2 Identify, collect and analyse samples of major nat'l interest.													*				
Component 5: Securing conditions for sustainable POPs monitoring.																	
5.1 Develop conclusions, lessons learned and recommendations from GMP2 for future monitoring plan.														*		*	
5.2 Prepare a state-of-the-art report to picture the present situation of POPs in the region's environment and humans.																*	
5.3 Develop a roadmap for sustainable POPs monitoring.												*				*	
Project monitoring and evaluation																	
6.1 Half-yearly progress reports delivered.																	
6.2 Project Implementation Review (PIRs) performed.																	
6.3 Minutes of Project Steering Committee (PSC) meetings submitted.																	
6.4 Mid-term evaluation performed.																	
6.5 Independent terminal evaluation report undertaken (up to 1 year after finalization of the project)																	
6.6 Independent financial audit report carried out.																	

* **milestones**

APPENDIX 8

KEY DELIVERABLES AND BENCHMARKS

See Appendix 7

APPENDIX 9

SUMMARY OF REPORTING REQUIREMENTS AND RESPONSIBILITIES

M&E activity	Purpose	Responsible Party	Budget GEF (US$)	Time-frame
Half-yearly progress reports		UNEP EA	0	
PIRs		UNEP EA with UNEP TM	0	Months 26, 38, 50
Final report	Reviews effectiveness against implementation plan, highlights technical outputs, identifies lessons learned and likely design approaches for future projects, assesses likelihood of achieving design outcomes	UNEP	0	At end of project implementation
Project review and steering by PSC	Assesses progress, effectiveness of operations and technical outputs; Recommends adaptation where necessary and confirms implementation plan.	PSC	0	Months 2, 24, and 48
Mid-term evaluation	Reviews project performance at mid-term, to analyze whether the project is on track, what problems and challenges the project is encountering, and which corrective actions are required	UNEP (Task Manager or Evaluation Office)	35,000	Month 24
End-term financial audit at national level	Reviews use of project funds against budget and assesses probity of expenditure and transactions at national level.	UNEP	0	Month 44
Independent Terminal evaluation	Reviews effectiveness, efficiency and timeliness of project implementation, coordination mechanisms and outputs Identifies lessons learned and likely remedial actions for future projects Highlights technical achievements and assesses against prevailing benchmarks	UNEP TM in coordination with UNEP Evaluation Office (EO)	35,000	At end of project implementation
Independent Financial Audit	Reviews use of project funds against budget and assesses probity of expenditure and transactions	N/A for internally executed projects	0	
Total indicative M&E cost			70,000	

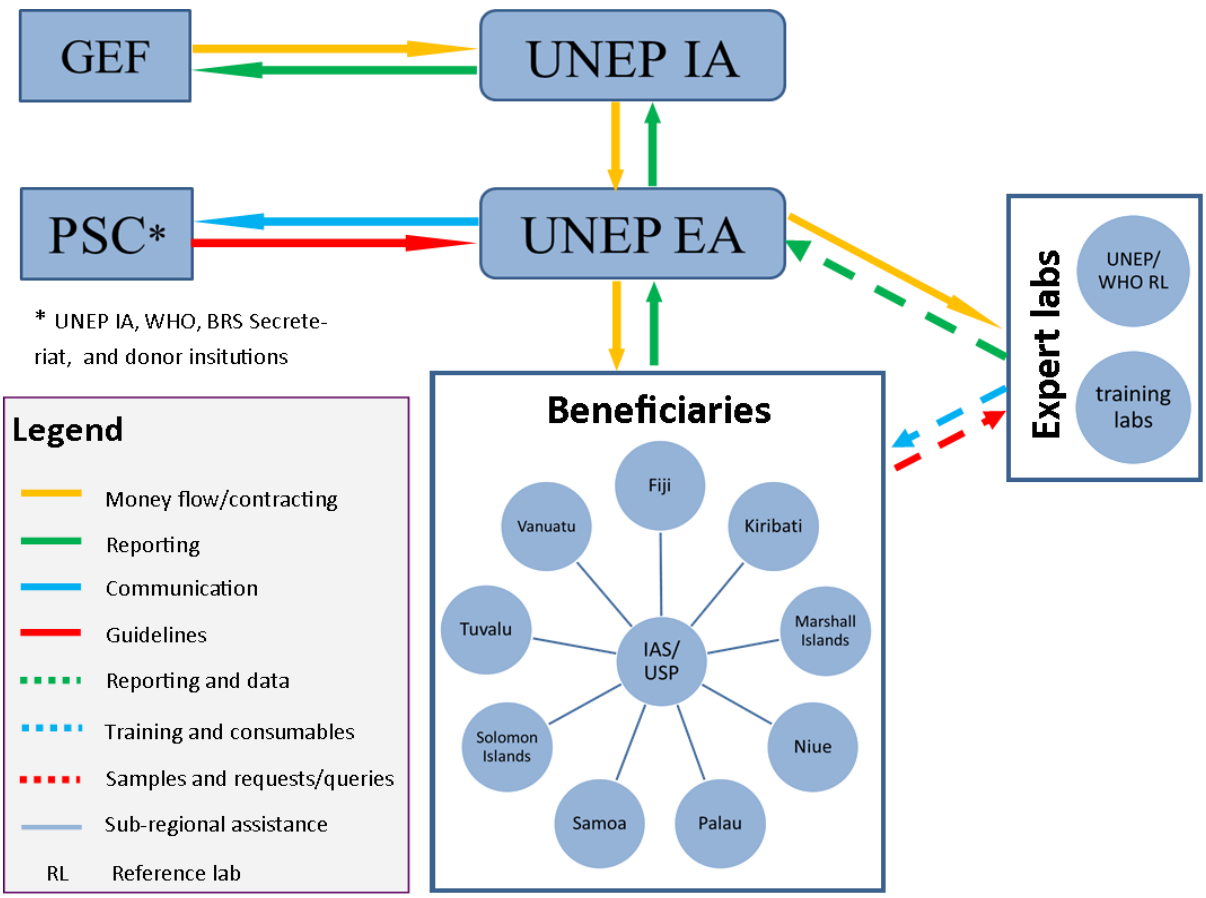
APPENDIX 10

STANDARD TERMINAL EVALUATION

Following rules and procedures.

APPENDIX 11

DECISION MAKING FLOWCHART AND ORGANIGRAM



APPENDIX 12

TERMS OF REFERENCE

To be developed after the inception workshop.

APPENDIX 13

CO-FINANCING COMMITMENT LETTERS FROM PROJECT PARTNERS

APPENDIX 14

ENDORSEMENT LETTERS OF GEF N ATIONAL FOCAL POINTS

APPENDIX 15

DRAFT PROCUREMENT PLAN

			GEF funding (total USD)
UNEP BUDGET LINE/OBJECT OF EXPENDITURE			
	2200	**Sub-contracts (SSFA, PCA, non-UN)**	
	2201	National coordination and baseline	81,000
	2202	Subcontracts for nat'l implementation of sampling air	243,000
	2203	Subcontracts for regional implementation of sampling w ater	45,000
	2204	Subcontracts for nat'l implementation of sampling human milk	162,000
	2205	Subcontracts for national POPs analysis (air, w ater, milk, nat'l)	44,850
	2206	Expert laboratories for core matrices	247,750
	2207	Expert laboratory, analysis PFOS w ater	27,000
	2208	Implementation of 2 rounds of interlab, Pacific Islands region	6,000
	2209	Implemenation of mirror samples and analysis (expert labs)	172,500
	2210	Implemenation of mirror samples and analysis (nat'l labs)	31,500
	2299	Sub-Total	1,060,600
	2999	**Component Total**	**1,060,600**
40	**EQUIPMENT and PREMISES COMPONENT**		
	4100	**Expendable equipment (under 1,500 $)**	
	4101	Supplies of samplers, containers for air, w ater, human milk	44,400
	4102	For Pacific Islands labs: spares, consumables, standards	8,000
	4103	Set-up of site for active sampling of air in one country	15,000
	4199	Sub-Total	67,400
	4999	**Component Total**	**67,400**
50	**MISCELLANEOUS COMPONENT**		
	5200	**Reporting costs (publications, maps, NL)**	
	5201	Sectoral, thematic reports	95,000
	5202	SOPs, sampling and analysis of core matrices, all POPs	32,500
	5203	National reports and regional summary report	110,000
	5204	Preparation of final regional report	30,000
	5205	Visualization, translation, interpretation (Web, WS, documents)	30,000
	5299	Sub-Total	297,500
	5500	**Evaluation**	
	5501	Mid-term review	35,000
	5502	Annual audits (3)	0
	5503	Terminal evaluation	35,000
	5599	Sub-Total	70,000
	5999	**Component Total**	**367,500**
	TOTAL		**1,495,500**

APPENDIX 16

TRACKING TOOLS (NOT AVAILABLE)

APPENDIX 17

SUPERVISION PLAN

To be developed at the inception workshop