#### 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

DGEF Division for the Global Environment Facility (of UNEP)

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 of POPs

GMP1 UNEP/GEF projects on Global Monitoring Plan of POPs, phase 1 (2009-2012)

GMP2 UNEP/GEF projects on Global Monitoring Plan of POPs, phase 2 (2014-2017)

GRULAC Group of Latin American and Caribbean

HBCD Hexabromocyclododecane

HCH Hexachlorocyclohexane

IA Implementing Agency

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

JESC Japan Environmental Sanitation Center

LDCF Least Developed Countries Fund

M&E Monitoring and Evaluation

MEA Multilateral Environmental Agreements

MELAD Ministry of Environment, Lands and Agricultural Development

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

NIES National Institute for Environmental Studies, Japan

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

PBB Polybrominated biphenyls

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
QAS Quality Assurance Section (UNEP)

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

STAP Scientific and Technical Advisory Panel

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

VEA Vietnam Environment Administration
WEOG Western European and Others Group

WHO World Health Organization

WS Workshop

## OVERALL PROJECT BUDGET (EXCEL)

Project activities	GEF	Cofinance	Sub-total
Component 1: Securing conditions for successful project implementation.	253,000	307,567	560,567
1.1 Key stakeholders sign legal documents to carry activities.	46,667	102,522	149,189
1.2 Organise inception workshop, with project workplan and budget assigned.	139,667	102,522	242,189
1.3 Update POPs laboratory databank.	66,667	102,522	169,189
Component 2: Capacity building and data generation on analysis of core abiotic matrices.	1,137,300	3,249,157	4,386,457
2.1 Identify sampling sites for air monitoring and make them operational.	412,900	163,773	576,673
2.2 Identify sampling sites for water monitoring and make them operational.	61,500	163,773	225,273
2.3 Make nat'l labs operational for undertaking analysis of abiotic matrices.	188,125	2,591,980	2,780,105
2.4 Analyse nat'l samples for air and water, and report high quality data.	304,775	167,940	472,715
2.5 Summarize results of analysis in two distinctive sectoral reports.	170,000	161,690	331,690
Component 3: Capacity building and data generation on analysis of core biotic matrices.	793,450	6,963,073	7,756,523
3.1 Make countries in the region capable to undertake sampling of human milk for the 6th round of UNEP/WHO survey.	189,000	789,238	978,238
3.2 Make nat'l laboratories operational for undertaking analysis of human milk samples.	255,000	4,613,694	4,868,694
3.3 Implement the 6th round of human milk survey.	329,450	780,904	1,110,354
3.4 Compare results with data from earlier rounds, and report them to the GMP.	20,000	779,238	799,238
Component 4: Assessment of existing analytical capacities and reinforcement of national POPs monitoring.	788,550	1,951,720	2,740,270
4.1 Undertake two rounds of the Interlab Assessment.	338,000	988,985	1,326,985
4.2 Identify and analyse samples of major nat'l interest.	450,550	962,735	1,413,285
Component 5: Securing conditions for sustainable POPs monitoring.	508,700	337,567	846,267
5.1 Develop conclusions, lessons learned and recommendations from GMP2 for future monitoring plan.	82,500	102,522	185,022
5.2 Prepare a state-of-the-art report to picture the present situation of POPs in the region's environment and humans.	203,700	132,522	336,222
5.3 Develop a roadmap for sustainable POPs monitoring.	222,500	102,522	325,022
Project management	385,000	305,817	690,817
	385,000	305,817	690,817
Project monitoring and evaluation	70,000	50,000	120,000
	70,000	50,000	120,000
TOTAL	3,936,000	13,164,900	17,100,900

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

	ding (noting whether cash or in-kind):	GEF Trust Fund Cash		BUIDGET ALLOCA	TION BY PROJECT COM	ONENT/ACTIVITY*					ALL OCA	TION BY CALEND	AR YEAR	
			·				p	·				•		·
		Component 1	Component 2	Component 3	Component 4	Component 5	L	ļ	Total	Year 1	Year 2	Year 3	Year 4	Total
		Securing conditions for	Capacity building and	Capacity building and	Assessment of existing	Securing conditions for	Project	Monitoring and		12 months	12 months	12 months	12 months	
		successful project	data generation on	data generation on	analytical capacities	sustainable POPs	management	evaluation						
		implementation	analysis of core	analysis of core biotic	and reinforcement of	monitoring								
			abiotic matrices (air	matrices (human milk)	national POPs									
			and water)		monitoring									
	UNEP BUDGET LINE/OBJECT OF EXPENDITURE	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$
	ECT PERSONNEL COMPONENT													
1100	Project Personnel													
1101	Project coordinator (EA)						288,000		288,000	72,000	72,000	72,000	72,000	288
1102	Project staff (other than EA includes Steering Committee)	L	1	1										
1199	Sub-Total	0	0	0	0	0	288,000	0	288,000	72,000	72,000	72,000	72,000	288,0
1200	Consultants w/m													
1201	Assistance to project management (financial)						72,000		72,000		72,000			72.
1202	Update of UNEP laboratory databank	20,000	1						20,000	20,000				20.
1299	Sub-Total	20,000	0	0	0	0	72,000	0	92,000	20,000	72,000	0	0	92,0
1600	Travel on official business (above staff)	20,000	Ü	Ü	0	0	72,000	· ·	02,000	20,000	72,000	Ü	0	02,
1601	Travel project staff (EA)						25.000		25,000	6,250	6.250	6.250	6,250	25.
1699	Sub-Total Sub-Total	0	0	0	0	0	25,000	0	25,000	6,250	6,250	6,250	6,250	25,0
1999	Component Total	20,000	0	0	0	0	385,000	0	405,000	98,250	150,250	78,250	78,250	405,0
	ONTRACT COMPONENT													
2100	Sub-contracts (UN organizations)													
2101	Expert advice and technical coordination, assessment									-		_		
	reports, lab databank		1	I				I I	0	0	l 0	0	0	
2199	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	
2200	Sub-contracts (SSFA, PCA, non-UN)												-	
2201	Subcontracts for national coordinator and workplan (Nation	140.000	<del> </del>	<b></b>					140,000	35.000	35.000	35.000	35,000	140
2202	Subcontracts for nat'l implementation of sampling air	0,000	287,000	<b></b>				<b> </b>	287,000	95,667	95,667	95,667	55,500	287
		L								93,007				
2203	Subcontracts for regional implementation of sampling wat		51,000						51,000		25,500	25,500		51
2204	Subcontracts for nat'l implementation of sampling human	milk		161,000					161,000	53,667	53,667	53,667		161
2205	Active sampler analysis of all POPs	l	80,400						80,400	26,800	26,800	26,800		80
2206	Subcontracts for nat'l POPs analysis (air, water, milk, nat'l)		64,250	210,000					274,250		137,125	137,125		274
2207	Expert laboratories for core matrices		247,650	149,450					397,100	99,275	99,275	99,275	99,275	397
2208	Expert laboratory, analysis PFOS water													
2209	Implementation of 2 rounds of interlab, Asia region		<b></b>	<b>†</b>	128,000		~~~~~~		128,000	64.000		64 000		128
2210	Implemenation of mirror samples and analysis (expert lab	<u> </u>		<b></b>	313,200				313,200	78,300	78,300	78,300	78,300	313.
2211		r								70,300	38,675	38,675	70,300	
	Implemenation of mirror samples and analysis (nat'l labs)				77,350				77,350					77.
2299	Sub-Total	140,000	730,300	520,450	518,550	0	0	0	1,909,300	452,708	590,008	654,008	212,575	1,909,3
	Component Total	140,000	730,300	520,450	518,550	0	0	0	1,909,300	452,708	590,008	654,008	212,575	1,909,
	ING COMPONENT													
3200	Group training (field trips, WS, etc.)	l												
3201	POPs analysis training in/for Asian labs		100,000	100,000					200,000	66,667	66,667	66,667		200
3202	Inception WS and final WS for interlab assessment (travel-	⊦org)			150,000				150,000	60,000			90,000	150
3203	Sectoral interim training and results WS		100,000	50.000					150,000		150,000			150
3299	Sub-Total	0	200,000	150,000	150,000	0	0	0	500,000	126,667	216,667	66,667	90,000	500.
3300	Meetings/conferences		,		,	-			,	-,		,	,	
3301	Regional project inception workshop	93,000							93,000	93,000				93
		93,000				405.000				93,000			405.000	
3302	Regional final results workshop (travel, org, interpret)					165,000			165,000				165,000	165
3303	Meetings of Steering Committee													
3399	Sub-Total	93,000	0	0	0	165,000	0	0	258,000	93,000	0	0	165,000	258,
3999	Component Total	93,000	200,000	150,000	150,000	165,000	0	0	758,000	219,667	216,667	66,667	255,000	758
EQUIP	MENT and PREMISES COMPONENT													
F	Expendable equipment (under 1,500 \$)		1	1										
4100	Supplies of samplers, containers for air, water, human mil	k	21,000	28,000				I	49,000	49,000		1		49
4100 4101	For Asian labs: spares, consumables, standards		56.000	50,000					106,000	106,000				106
	Maintenance of active air sampler	ļ	35,000				l				35,000			35
4101									35,000			L		
4101 4102 4103	Sub-Total	0		70.000		0	~		35,000	155,000	25,000	0	^	100
4101 4102 4103 4199	Sub-Total Non-expendable equipment (above 1 500 \$)	0	112,000	78,000	0	0	0	0	35,000 190,000	155,000	35,000	0	0	190
4101 4102 4103 4199 4200	Non-expendable equipment (above 1,500 \$)	0		78,000	0	0	0	0		155,000	35,000	0	0	190
4101 4102 4103 4199 4200 4201	Non-expendable equipment (above 1,500 \$) Lab equipment	0		78,000	0	0	0	0		155,000	35,000	0	0	190,
4101 4102 4103 4199 4200 4201 4202	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment	0		78,000	0	0	0	0		155,000	35,000	0	0	190,
4101 4102 4103 4199 4200 4201 4202 4203	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules	0		78,000	0	0	0	0		155,000	35,000	0	0	190
4101 4102 4103 4199 4200 4201 4202	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment	0		78,000	0	0	0	0		155,000	35,000	0	0	190
4101 4102 4103 4199 4200 4201 4202 4203 4199	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Total	0	112,000		0	0	0	0	190,000			0	0	
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules	0		78,000 78,000	0	0	0	0		155,000	35,000	0	0	
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Total Component Total LANEOUS COMPONENT	0	112,000		0	0	0	0	190,000			0	0	
4101 4102 4103 4199 4200 4201 4202 4203 4199 MISCE 5200	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure(equipment Vehicules Sub-Total Component Total LLAHEOUS COMPONENT Reporting costs (publications, maps, NL)	0	112,000	78,000	0	0	0	0	190,000		35,000	0		190
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999 MISCEI 5200	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehiculas Sub-Total Component Total LANEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports	0	112,000 112,000 70,000	<b>78,000</b> 20,000	0	0	0	0	190,000 190,000 210,000	155,000	35,000 105,000	0	0 0 105,000	190,
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999 MISCE 5200 5201	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructurelequipment Vehicules Sub-Total Component Total LANEOUS COMPONENT Reporting costs (publications, maps, NL.) Sectoral; thematic reports SOPs, sampling and analysis of core matrices, all POPs	0	112,000	78,000	0 0 120,000		0	0	190,000 190,000 210,000 50,000		35,000	0	105,000	190 211 51
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999 MISCE 5200 5201 5202 5203	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicutes Sub-Total LANEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports SCPs, sampling and analysis of core matrices, all POPs National reports and regional summary report	0	112,000 112,000 70,000	<b>78,000</b> 20,000	0 120,000	70,000	0	0	190,000 190,000 210,000 50,000 70,000	155,000	35,000 105,000	0	105,000 70,000	190 211 51
4101 4102 4103 4199 4201 4202 4203 4199 MISCE 5200 5201 5203 5204	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Total Component Total LANEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports SCPs, sampling and analysis of core matrices, all POPs National reports and regional summary report Preparation of final regional report	0	112,000 112,000 70,000	<b>78,000</b> 20,000	0 120,000	70,000 50,000	0	0	190,000 190,000 210,000 50,000 70,000 50,000	155,000	35,000 105,000	0	105,000 70,000 50,000	190 21 5 7
4101 4102 4103 4199 4200 4201 4202 4203 4199 MISCE 5200 5201 5202 5203	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicutes Sub-Total LANEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports SCPs, sampling and analysis of core matrices, all POPs National reports and regional summary report	0	112,000 112,000 70,000	<b>78,000</b> 20,000	0	70,000	0	0	190,000 190,000 210,000 50,000 70,000	155,000	35,000 105,000	0	105,000	190 21 5 7
4101 4102 4103 4199 4200 4201 4203 4199 MISCE 5200 5201 5202 5203 5204	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Total Component Total LANEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports SCPs, sampling and analysis of core matrices, all POPs National reports and regional summary report Preparation of final regional report	0	112,000 112,000 70,000	<b>78,000</b> 20,000	0	70,000 50,000	0	0	190,000 190,000 210,000 50,000 70,000 50,000	155,000	35,000 105,000	0	105,000 70,000 50,000	190 21 5 7 5
4101 4102 4103 4103 4199 4200 4201 4202 4203 4199 4999 MISCE 5201 5202 5203 5204 5205	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Tolail LAMEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports SOPs, sampling and analysis of core matrices, all POPs National reports and regional summary report Preparation of final regional report Plan for sustainable monitoring developed	0	112,000 112,000 70,000	78,000 20,000 25,000		70,000 50,000 140,000 83,700	0	0	190,000 190,000 210,000 50,000 70,000 50,000 140,000 83,700	155,000 25,000 20,925	35,000 105,000 25,000	20,925	105,000 70,000 50,000 140,000	190 21 5 7 5 5 14
4101 4102 4103 4109 4200 4201 4202 4203 4199 4999 MISCE 5200 5201 5202 5203 5204 5205 5206 5208	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Total Component Total LIAMEOUS COMPONENT Reporting costs (publications, maps, NL.) Sectoral, thematic reports SOPs, sampling and analysis of core matrices, all POPs National reports and regional summary report Preparation of final regional report Plan for sustainable monitoring developed Visualization, translation, interpretation (Web, WS, docume Sub-Total)	0	112,000 112,000 70,000 25,000	<b>78,000</b> 20,000	0 120,000	70,000 50,000 140,000	0	0	190,000 190,000 210,000 50,000 70,000 140,000	155,000 25,000	35,000 105,000 25,000		70,000 50,000 140,000 20,925	190 211 55 70 56 144 8:
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999 MISCE 5200 5201 5202 5203 5204 5205 5206 5206 5206 5206 5206 5206 5206	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Total Component Total LANEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports SCPs, sampling and analysis of core matrices, all POPs National reports and regional summary report Preparation of final regional report Plan for sustainable monitoring developed Visualization, manistion, interpretation (Web, WS, docume Sub-Total	0 0 15)	112,000 112,000 70,000 25,000	78,000 20,000 25,000		70,000 50,000 140,000 83,700	0	0	190,000 190,000 210,000 50,000 70,000 50,000 140,000 83,700 603,700	155,000 25,000 20,925	35,000 105,000 25,000	20,925 20,925	70,000 50,000 140,000 20,925	190, 50 70 50 140 83 603,
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999 5200 5201 5202 5203 5204 5206 5299 5206 5299 5500	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sist-Total Component Total LAMEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thermatic reports SCPs, sampling and analysis of core matrices, all POPs National reports and regional summary report Preparation of final regional report Plan for sustainable monitoring developed Visualization, translation, interpretation (Web, WS, docume Sub-Total Evaluation mid-term review	0 0	112,000 112,000 70,000 25,000	78,000 20,000 25,000		70,000 50,000 140,000 83,700	0	0 0 0 35,000	190,000 190,000 210,000 50,000 70,000 140,000 83,700 603,700	155,000 25,000 20,925	35,000 105,000 25,000	20,925	105,000 70,000 50,000 140,000 20,925 385,925	190, 190, 210 50 70 50 140, 83 603,
4101 4102 4103 4103 4109 4200 4201 4202 4203 4199 5200 5201 5202 5202 5203 5204 5205 5206 5209 5209 5205 5206 5209 5205 5206 5205 5206 5205 5206 5205 5206 5205 5206 5206	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vericules Sub-Total Component Total LANEOUS COMPONENT Reporting costs (publications, maps, NL) Sectoral, thematic reports SCPs, sampling and analysis of core matrices, all POPs National reports and regional assummany report Preparation of final regional report Preparation of final regional report Vasualization, translation, interpretation (Web, WS, docume Sub-Total Evaluation mid-term review	0 0 nts)	112,000 112,000 70,000 25,000	78,000 20,000 25,000		70,000 50,000 140,000 83,700	0	35,000	190,000 190,000 210,000 50,000 50,000 140,000 83,700 603,700 35,000 35,000	155,000 25,000 20,925	35,000 105,000 25,000	20,925 20,925 35,000	70,000 50,000 140,000 20,925 385,925	190, 210, 50, 70, 50, 140, 603, 603, 36,
4101 4102 4103 4199 4200 4201 4202 4203 4199 4999 MISCE 5200 5201 5202 5203 5204 5205 5206 5299 5500	Non-expendable equipment (above 1,500 \$) Lab equipment Admin infrastructure/equipment Vehicules Sub-Total Component Total LLARCOUS COMPONENT Reporting Costs (publications, maps, NL.) Sectoral, thematic reports SOPs, sampling and analysis of core matrices, all POPs National reports and regional summary report Preparation of final regional report Plain for sustainable monitoring developed Visualization, translation, interpretation (Web, WS, docume Sub-Total Evaluation mid-term review Final review Final review Final review	onts)	112,000 112,000 70,000 25,000	78,000 20,000 25,000		70,000 50,000 140,000 83,700	0		190,000 190,000 210,000 50,000 70,000 140,000 83,700 603,700	155,000 25,000 20,925	35,000 105,000 25,000	20,925 20,925	105,000 70,000 50,000 140,000 20,925 385,925	210 50 70 55 140 83 603,

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

March   Marc	Source	e of fund	ling (noting whether cash or in-kind):	Co-finance by d	lonor																			
Part						PRLao	Mongolia	Philippines	Thailand	Vietnam/	Japan (MOEJ)	UNEP	BRS	CVUA Freiburg	IVM VU	WHO	MTM Oerebro	Recetox	Total	Year 1				Total
## Designation of Controlled ## A 19				Gumboulu	indonesia	T I LLUO	mongonu	Типринев	mana		oupan (mozo)			OVOATTOBATS			III GCICBIO	Necetox	rotui	iou. i	icui 2	icui o	1001 4	rotui
Property Company   Property Co																				12 months	12 months	12 months	12 months	
Processor Control Co																								
Monte   Mont			UNEP BUDGET LINE/OBJECT OF EXPENDITURE	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$	US\$	USS	USS	USS	USS	USS	USS	US\$	USS	US\$	US\$	US\$	US\$
Separate Sep	10		CT PERSONNEL COMPONENT																					
No.   Section		1101	Project coordinator (EA)									150,000												150,000
Mathematical Constitution												150.000			0	C								4,215,800 4,365,800
Description of the content of the		1200	Consultants w/m																					
Control of Control o																			ō		0			
Column   C				0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0
Second		1601	Travel project staff (EA)																0	0	0	0	0	
Manual Confession   Manu				29 900	40.000	75,000	100,000	220,000	200.000	26,000	240,000	150,000	270.000	2 246 000	0	0	500,000	160,000	4 265 900	1 001 450	1 001 450	1 001 450	1 001 450	4,365,800
Second Company	20	SUB-CC	INTRACT COMPONENT	20,000	40,000	75,000	100,000	220,000	200,000	36,000	240,000	150,000	270,000	2,346,000			500,000	160,000	4,365,600	1,091,450	1,091,450	1,091,450	1,091,450	4,365,600
September   Sept			Sub-contracts (UN organizations)	ļ												ļ	<b>_</b>		0					
Second processes		2199		0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0
Second Second For For Foreignes of Street Second Street Section			Sub-contracts (SSFA, PCA, non-UN)	79.000	26,000	75,000	100 000	93,000	75,000	50,000	10,000								508 000	127 000	127,000	127 000	127 000	508,000
200   Section for all implementation of samings future rocks of \$1.00   \$1.0		2202	Subcontracts for nat'l implementation of sampling air	10,000	20,000	70,000	100,000	00,000	70,000		10,000								0	0	0	0	127,000	
See Section configuration of a PTON   100   10																			0	0	0	0	0	(
201   201		2205	Active sampler analysis of all POPs																			, , , , , , , , , , , , , , , , , , ,		
Section   Company of Parties				10,000				40,000											50,000		25,000	25,000		50,000
Process   Proc		2208	Expert laboratory, analysis PFOS water																0		0	0		
Part			Implementation of 2 rounds of interlab, Asian region															35,000	0 35,000	0 8 750	8.750	8.750	8 750	35,000
Part		2211	Implemenation of mirror samples and analysis (nat'l labs)																0		0	0		(
March   Marc												0	0	0	0	0	0							593,000 <b>593,000</b>
Security Communication assessment (provided and label)   Communication asses	30	TRAININ	NG COMPONENT				100,000	100,000	,		75,000		-					53,055	555,555	100,100	,	100,100	,	
Second Second Flower May of the analysis of the control of the Second Flower May of the May of the Control of May of the Second Flower May of the May of the Second Flower May of the May										100.000	200.000								300.000	100.000	100.000	100.000		300,000
Solid   Soli			Inception WS and final WS for interlab assessment (travel+org)																0	0			0	(
Solid   Regional project inception workshop   Solid			Sectoral interim training and results WS Sub-Total	0	0	0	0	0	0	100,000	200,000	0	0	0	0	0	0	0	300,000	100,000	100,000	100,000	0	300,000
3323   Regional final results workshop (treat, up, interpret)																								
339   Sebreta																			0	0			0	
Suppose   Component Total			Meetings of Steering Committee																					10,000
A				0	0	0	0	0	0	100,000	200,000		0	0	0	0	0	0						310,000
4101   Supplies of samplers, containents for air, water, human milk	10	EQUIPN	MENT and PREMISES COMPONENT																					
4102   For Asian labix: sparse, consumables, standards													25,000						25,000	25,000				25,000
A 200   A 20			For Asian labs: spares, consumables, standards																0	0				
4201   Lab equipment, knowledge, and infrastructure		4199	Sub-Total	0	0	0	0	0	0	0	0	0	25,000	0	0	C	0	0	25,000	25,000	0	0	0	25,000
4022 Admininfastructure/equipment 32,000 285,000 100,000 100,000 75,000			Non-expendable equipment (above 1,500 \$)	533 100	600.000	300.000	300,000	582 000	300.000	1.550.000	80.000			1 380 000			700.000	740,000	7.065.100	7.065.100				7,065,100
4293 Sub-Treal		4202	Admin infrastructure/equipment								00,000			1,360,000			700,000	740,000			176,500	176,500	176,500	7,065,100
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Span   Reporting costs (gublications, maps, NL)		4999	Component Total									0	25,000		0	0								7,771,100
South   Sectional, hematic reports																								
S203   National regional summary report		5201	Sectoral, thematic reports																				7,500	15,000
504   Properation of final regional report			National reports and regional summary report																	7,500	7,500		15,000	15,000 15,000
S206   Vausilization, Interpretation (Web, WS, documents)			Preparation of final regional report																					10,000
S299   Sub-Total   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				<b> </b>													-	5,000	5,000	1,250	1,250			5,000
S591   Evaluations/reviews/audits		5205 5206	(Web, WS, documents)																				00.750	60,000
599 Sub-Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5205 5206 5299	Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	C	0	60,000	60,000	8,750	16,250	1,250	33,750	00,000
		5205 5206 5299 5500 5501	Sub-Total Evaluation Evaluations/reviews/audits	0	0	0	0	0	0	0	0		0	0	0	C	0	60,000	40,000	8,750	40,000	1,250	33,750	40,000
		5205 5206 5299 5500 5501 5599	Sub-Total Evaluation Evaluations/reviews/audits Sub-Total	0	0	0	0	0	0	0	0	40,000	0	0	0	0	0	0	40,000 40,000	0	40,000 40,000	0	0	

#### 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.

#### **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; <a href="http://www.oecd.org/env/ehs/testing/goodlaboratorypracticeglp.htm">http://www.oecd.org/env/ehs/testing/goodlaboratorypracticeglp.htm</a>). 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**

Interpretation of the control of the	Project Outputs	P	rojec	t year	r 1	Р	rojec	t year	2	Р	roject	t year	r 3	Р	roject	year	4	Post
Rey stakeholders sign legal documents to carry activities.   2	riojeci Outputs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	ŗ
2 Organise inception workshop, with project workplan and budget assigned. 3 Update POPs laboratory databank. Imponent 2: Capacity building and data generation on analysis of core abiotic matrices.  1 Medity sampling sites for immoting and make them operational. 2 Mentil bas operational for undertaking analysis of abiotic matrices.  3 Make nertil labs operational for undertaking analysis of abiotic matrices.  4 Analyse nertil are superation of analysis in two distinctive sectoral reports.  5 Summarize results of analysis in two distinctive sectoral reports.  9 Make nertil laboratories operational for undertaking analysis of human milk for the 6th round of UNEPWHO survey.  1 Make nertil laboratories operational for undertaking analysis of human milk for the 6th round of UNEPWHO survey.  2 Make nertil laboratories operational for undertaking analysis of human milk for the 6th round of UNEPWHO survey.  3 Implement the 6th round of human milk survey.  4 Compare results with data from earlier rounds, and report them to the GMP.  9 Imponent 4: Assessment of existing analysic analysis and reinforcement of rational POPs monitoring.  1 Undertake two rounds of the Interlab Assessment.  2 Useritly and analyse samples of major real' interest.  9 Imponent 5: Securing conditions for sustainable POPs monitoring.  1 Undertake two rounds of the Interlab Assessment.  2 Useritly and analyse samples of major real' interest.  9 Imponent 5: Securing an advantage of the present situation of POPs in the region's environment and humans.  1 Develop a roadmap for sustainable POPs monitoring.  2 Prepare a state-of-the-art report to picture the present situation of POPs in the region's environment and humans.  3 Develop a roadmap for sustainable POPs monitoring.  4 Mild-term review performed.  5 Independent terminal evaluation report undertaken (up to 1 year after finalization of the project)	Component 1: Securing conditions for successful project implementation.																	
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5 Independent terminal evaluation report undertaken (up to 1 year after finalization of the project)	6.3 Minutes of Project Steering Committee (PSC) meetings submitted.																	
	6.4 Mid-term review performed.																	
3 Independent financial audit report carried out.	6.5 Independent terminal evaluation report undertaken (up to 1 year after finalization of the project)																	
	6.6 Independent financial audit report carried out.																	

## **KEY DELIVERABLES AND BENCHMARKS**

See Appendix 7

## SUMMARY OF REPORTING REQUIREMENTS AND RESPONSIBILITIES

Reporting requirements	Due date	Responsibility of
Procurement plan	2 weeks before project inception meeting	UNEP Chemicals EA with
(goods and services)		assistance of IAS/USP
Inception Report	Within two weeks of the inception meeting	UNEP Chemicals EA
Progress report (technical and financial)	Half-yearly on or before 31 January	UNEP Chemicals EA
Project implementation review (PIR)	Yearly on or before 31 August	UNEP Chemicals EA
report		together with UNEP TM
Minutes of steering committee	Yearly (or as relevant)	UNEP Chemicals EA
meetings		
Mission reports and "aide memoire"	Within 2 weeks of return	UNEP TM
for executing agency		
Final report	2 months of project completion date	UNEP Chemicals EA
Final expenditure statement	3 months of project completion date	UNEP Chemicals EA
Mid-term review or Mid-term	Midway through project	UNEP Chemicals EA
evaluation		
Independent terminal evaluation	At the end of project implementation	UNEP TM in coordination
report		with UNEP Evaluation Office
		(EO)
Annual audit	3 months after each calendar year	UNEP Chemicals EA

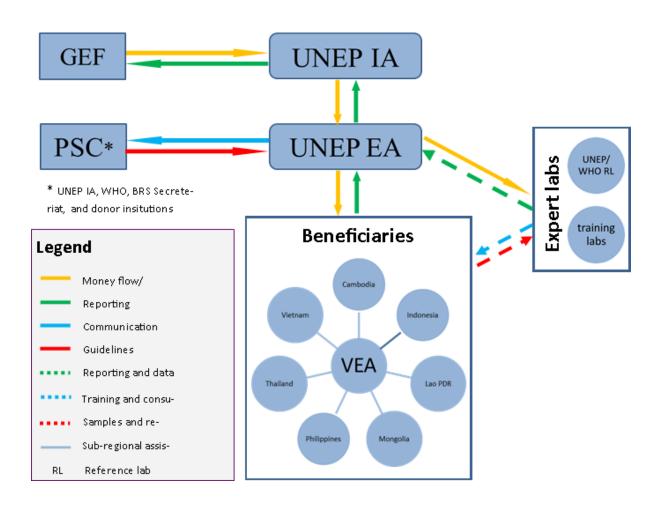
M&E activity	Purpose	Responsible	Budget GEF	Time-frame
		Party	(US\$)	
Inception	Awareness raising, building	UNEP EA in	0	Within two
workshop	stakeholder engagement, detailed	cooperation with		months of
	work planning with key groups,	USP/IAS		project start
	defining key sectors in each			
	participating country, agreement on			
	budget			
Inception report	Provides implementation plan for	UNEP Chemicals	0	Within one
	progress monitoring	EA		month of the
				Inception
				Workshop
Half-yearly		UNEP EA	0	
progress reports				
PIRs		UNEP EA with	0	Months 26, 38,
		UNEP TM		50
Final report	Reviews effectiveness against	UNEP	0	At end of project
	implementation plan, highlights			implementation
	technical outputs, identifies lessons			
	learned and likely design approaches			
	for future projects, assesses likelihood			
	of achieving design outcomes			
Project review	Assesses progress, effectiveness of	PSC	0	Months 2, 24,
and steering by	operations and technical outputs;			and 48
PSC	Recommends adaptation where			
	necessary and confirms			

	implementation plan.			
Mid-term	Reviews project performance at mid-	UNEP (Task	35,000	Month 24
evaluation	term, to analyze whether the project	Manager or		
	is on track, what problems and	Evaluation		
	challenges the project is encountering,	Office)		
	and which corrective actions are			
	required			
End-term	Reviews use of project funds against	UNEP	0	Month 44
financial audit at	budget and assesses probity of			
national level	expenditure and transactions at			
	national level.			
Independent	Reviews effectiveness, efficiency and	UNEP TM in	35,000	At end of project
Terminal	timeliness of project implementation,	coordination		implementation
evaluation	coordination mechanisms and outputs	with UNEP		
	Identifies lessons learned and likely	Evaluation Office		
	remedial actions for future projects	(EO)		
	Highlights technical achievements and			
	assesses against prevailing			
	benchmarks	,		
Independent	Reviews use of project funds against	N/A for internally	0	
Financial Audit	budget and assesses probity of	executed		
	expenditure and transactions	projects		
Total indicative M	&E cost		70,000	

#### STANDARD TERMINAL EVALUATION

Following rules and procedures.

# APPENDIX 11 DECISION MAKING FLOWCHART AND ORGANIGRAM



#### 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

#### 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	140,000
	2202	Subcontracts for nat'l implementation of sampling air	287,000
	2203	Subcontracts for regional implementation of sampling water	51,000
	2204	Subcontracts for nat'l implementation of sampling human milk	161,000
	2205	Active sampler analysis of all POPs	80,400
	2206	Subcontracts for national POPs analysis (air, water, milk, nat'l)	274,250
	2207	Expert laboratories for core matrices	397,100
	2208	Expert laboratory, analysis PFOS w ater	0
	2209	Implementation of 2 rounds of interlab, Pacific Islands region	128,000
	2210	Implemenation of mirror samples and analysis (expert labs)	313,200
	2211	Implemenation of mirror samples and analysis (nat'l labs)	77,350
	2299	Sub-Total	1,909,300
	2999	Component Total	1,909,300
40	EQUIP	MENT and PREMISES COMPONENT	
	4100	Expendable equipment (under 1,500 \$)	
	4101	Supplies of samplers, containers for air, water, human milk	49,000
	4102	For Pacific Islands labs: spares, consumables, standards	106,000
	4103	Set-up of site for active sampling of air in one country	35,000
	4199	Sub-Total	190,000
	4999	Component Total	190,000
50	MISCE	LLANEOUS COMPONENT	
	5200	Reporting costs (publications, maps, NL)	
	5201	Sectoral, thematic reports	210,000
	5202	SOPs, sampling and analysis of core matrices, all POPs	50,000
	5203	National reports and regional summary report	70,000
	5204	Preparation of final regional report	50,000
***********	5205	Plan for sustainable monitoring developed	140,000
	5206	Visualization, translation, interpretation (Web, WS, documents)	83,700
	5299	Sub-Total	603,700
	5500	Evaluation	
***********	5501	Mid-term review	35,000
	5502	Terminal evaluation	35,000
	5599	Sub-Total	70,000
	5999	Component Total	673,700
	TOTAL		2,773,000

# APPENDIX 16 TRACKING TOOLS

## **SUPERVISION PLAN**

To be developed at the inception workshop