

UNEP GEF PIR Fiscal Year 2021

1 July 2020 to 30 June 2021

Select Project 4886 GMP Africa

1- Identification

GEF ID		4886	Umoja No:		SB-000690.32
Project Title		Continuing regional Support for the POI	Ps Global Monitoring Plan under th	e Stockholm Convention in the	e Africa Region
Duration months	Planned	48	GEF financing amount		USD 4,208,000
	Extension	30-Jun-22	Co-financing amount		USD 10,190,20
Division(s) Implementing	he project	Economy Division, GEF Chemicals and Waste, Chemicals and Health Branch	Date of CEO Endorsement		17-Dec-14
Name of co-implementing	Agency	-	Start of Implementation		18-Mar-15
Executing Agency(ies)		UNEP Chemicals Branch, Knowledge & Risk Unit	Date of first disbursement		1-Jul-15
Names of Other Project Pa	artners	Technology, Oerebro University (MTM-Orebro),	Total disbursement as of 3	0 June	USD 4,138,000
Project Type		FSP	Total expenditure as of 30	June	USD 3,102,91
Project Scope		Regional	Expected Mid-Term Date		31-Dec-18
Region (delete as appropr	iate)	Africa	Completion Date	Planned	30-Jun-21
Names of Beneficiary Cou	ntries	Regional (DR Congo, Egypt, Ethiopia, Ghana, Kenya, Mali, Morocco, Mauritius, Nigeria, Senegal, Tanzania, Togo, Tunisia, Uganda, Zambia)		Revised	30-Jun-22
Programme of Work		PoW 5: Chemicals, waste and air quality	Expected Terminal Evaluat	tion Date	31-Jul-22
GEF Focal Area(s)		Chemicals and Waste	Expected Financial Closure	e Date	30-Jun-22

EA: Link to relevant SDG target(s) & indicator(s)

Goal 3: Ensure healthy lives and promote well-being for all at all ages

Target 3.9: By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination;

Target 3.13: Strengthen the capacity of all countries for early warning, risk reduction and management of national and global health risks;

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 6.3: By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

Goal 12: Responsible consumption and production

1.2 Project description

The objective of the project is to strengthen the capacity for implementation of the updated POPs Global Monitoring Plan (GMP) and to create the conditions for sustainable monitoring of POPs in the African Region

1.3 History of project revisions

Version	Date	Main changes introduced in this revision
Rev0 (CEO	24/06/2016	
		The activities could not be concluded under the original agreement due to inadequate time for the completion of sampling activities at national level. The
		amendment was meant to facilitate contributing the facts generated by the project activities to strengthen the basis of the deliberations on sustainable
Amend 1	20/06/2019	monitoring of POPs, both at national and global level.
		Due to COVID-19 pandemic, laboratory activities related to generation of data on levels of POPs could not be conducted as planned thus the following
		activities such as preparation of national and sectoral reports were delayed. The amendment was meant to facilitate the completion of planned activities and
Amend 2	30-Jun-21	to further contribute to strengthen the conditions for sustainable monitoring of POPs and national, regional and global levels.

2- OVERVIEW OF PROJECT STATUS

UN Environment Subprogramme(s)	Subprogramme 5: Chemicals, waste and air quality	Specify the relevant Expected Accomplishment(s) & Indicator(s)	PoW 5: (a) (i)
TM: Progress towards delivering the stated PoW	The project is assisting countrie	s in fulfilling their monitoring obligations under the Sto	ckholm Convention
	N/A (This is a CEE of Davies)	N/A/This is a CEF	- Consisted
GEF Core Indicators	N/A (This is a GEF - 5 Project)	N/A (This is a GEF	- 5 Project)
Indicative expected Results	-	-	

TM			
		PIR#	
	FY 2021	6th	
	FY 2020	5th	
	FY 2019	4th	
	FY 2018	3rd	
	FY 2017	2nd	

FY 2016

1st

Rating towards outcomes	Rating towards outputs	Risk rating
s	S	L
S	S	M
MS	MS	L
MS	MS	L
S	MS	L
S	MS	M

Summary of status.

Despite of the difficulties caused by the COVID-19 pandemic and the consequential lockdown, the project has managed to implement most planned activities with delays in some cases towards delivering the remaining outputs, contributing to continuous successful implementation of the project. Most notable are the following activities:

- 1.Analysis of air and human milk samples from all the 15 project countries has been completed. Results of 23 POPs mandatory under this project as well as the newly listed and some voluntary POPs have been generated. The data generated were validated and reported to the Stockholm Convention Data Warehouse. Executing agency needs to improve the regularity of the financial reports.
- 2. Analysis of PFOSs in water samples from all the 6 countries has been completed, The data generated were validated and reported to the Stockholm Convention Data Warehouse.
- 3.Analysis of matrices of national interest in the expert laboratories has been completed, with results being communicated to relevant countries.
- 4. Among the 12 national laboratories which have basic capacity for POPs analysis exist, 7 have reported results of mirror analysis. Due to COVID-19 lockdown, delays have occurred in some national laboratories to complete the remaining analysis on time. Full results of mirror analysis from the remaining national laboratories are expected to be available by Q3/Q4 2021.
- 5. £Consultation has been held with expert labs on communication of the analytical results of POPs to broader stakeholders. Accordingly, a book summarizing the 6 rounds of human milk survey and a special issue in a scientific journal on analytical chemistry—Chemosphere—covering the data generated on all core matrices, are being drafted. The publications are expected to be publicly available in Q1 2022.
- 6. Eve countries that have leftover funds from completed activities have proposed additional activities to further strengthen national POPs monitoring capacity, enhance awareness among key stakeholders and use POPs monitoring results for national policy making. UNEP has been in close communication with the partner countries to provide technical support.
- 7. The 4th interlaboratory assessment has concluded with 148 laboratories from all UN regions registered and 117 laboratories reported results. The final report of the 4th interlaboratory assessment has been published online https://www.unep.org/explore-topics/chemicals-waste/what-we-do/persistent-organic-pollutants/pops-interlaboratory. The final workshop is planned to be held virtually on 21-22 July 2021. A review report has been developed on the results and outcomes of four rounds of interlaboratory assessment.
- 8.00 out of the 11 planned trainings in national laboratories on the analysis of POPs have been conducted. Participants from 11 project countries attend the trainings. Due to the COVID-19 lockdown and the suspension of international travels, the training planned for Egypt is currently on hold.
- 9. Preparation of national, regional and sectoral reports are ongoing. Six countries have submitted draft national reports.
- 10. Administrative support has been provided to partners and countries for the implementation of the project. Extension of agreements has been granted to relevant partners and project countries to compensate the time loss due to COVID-19 pandemic.
- 11. Progress has been made on strategic branding and mainstreaming of the POPs projects to raise awareness and enhance stakeholder engagement. A dashboard has been prepared to show case the outputs of the project. Communication and outreaching activities are planned to raise broader awareness.
- 12. Progress has been made on finalizing the report on a framework and strategies for sustainable monitoring of POPs. Several other reports have also been developed in support of securing sustainable conditions, including among others, a review of contributions of the UNEP/GEF POPs GMP projects to the Stockholm Convention effectiveness evaluation, Achievements and key facts of global monitoring of POPs, cases of good practices etc.
- 13. A virtual meeting with all project countries and partner institutes was held on 6 October 2020 to discuss the POPs analytical results of air and water and share the workplan for 2020-2021.
- 14. Considering the possibility of relaxing restrictions on international travels in 2022, the final meeting of the project is tentatively planned to be held in Q2 2022.

Overall, countries and other partners are in a good position to continue implementing the remaining activities of the project. Results of levels of POPs have been delivered. UNEP is in close cooperation with the African countries and other partners on the successful implementation of the project.

*section will be uploaded into the GEF Portal

EA:Planned Co-finance (total only)

USD 10,190,200

EA: Actual to date:

5,746,943

EA: Justify progress in terms of materialization of expected cofinance. State any relevant challenges.

Countries and partner institutes have contributed significant amount of co-finance towards implementation of the project, including investment in lab equipment and consumables, and personnel support such as technical staff and administrative support. Some countries such as Morocco and Nigeria also mobilized further investment on obtaining lab analytical instruments to improve national capacity for data generation. However, a lack of regular financial support is reported frequently by partner countries and institutes, which may impact the sustainability of POPs monitoring.

Instruction to EA: text below is from last year's PIR. Please update and add

EA: Stakeholder engagement be uploaded to GEF Portal)

(will

- All project stakeholders are committed to accomplish the project outcomes and outputs. So far, during the execution and implementation period: a. The expert laboratories, namely MTM-Research Center School of Science and Technology, Orebro University (MTM-Orebro), Department of Environment and Health, Vrije Universiteit (Netherlands) conducted trainings, analysis of air and matrices of national interest, and organized the two rounds of interlaboratory assessments. MTM Örebro also conducted analysis of PFOS in water and in human milk.
- b. Chemisches und Veterinaeruntersuchungsamt Freiburg (CVUA, UN Environment/WHO Reference Laboratory for Human Milk) has undertaken the analysis of 23 POPs under the Stockholm Convention and 5 voluntary POPs in human milk and assists in matters related to this core matrix.
- c. Research Centre for Toxic Compounds in the Environment (RECETOX, Czech Republic) and Spanish National Research Council (CSIC) have provide trainings and assisted in matters related to air monitoring.
- d. The Basel Convention Coordinating Centre, Stockholm Convention Regional Centre, for Capacity Building and Transfer of Technology hosted by Uruguay (BCCC-SCRC-LATU), the co-executing agency for the GMP GRULAC project, has provided support to the four GMP projects on the development of strategies for sustainable monitoring of POPs.
- e. Participating countries from the Africa Region have provide significant inputs to the project through the establishment and maintenance of the air and water monitoring networks; collecting human milk samples and matrices of national interest; conducting analysis in national laboratories; conducting additional activities to communicate and use POPs monitoring results for national decision making; preparing national reports. This will further contribute to Stockholm Convention and its effectiveness evaluation.

EA: Gender mainstreaming uploaded to GEF Portal)

(will be

The project is of a scientific nature and does not directly impact people's productive activities. However, the gender aspects are indirectly addressed through different dimensions such as contribution to POPs emissions reductions. The vulnerability to POPs exposure of women in childbearing age is taken into account in the design of the monitoring activities, notably by the incorporation of mother's milk as one of the core matrices of the POPs GMP. The collection of human milk samples will be conducted on the basis of the ethical clearance as required by WHO, and after signature of the statement of interest by both, health and environment sector.

EA: Environmental and social safeguards management (will be uploaded to GEF Portal)

Environmental impacts:

Analysis of samples (including biological samples and chemicals used in the analysis) are considered as wastes after analysis. As all laboratories have established waste management standards and routines, the project is able to ensure that an appropriate waste treatment system is in place at the laboratories to avoid unintentional contamination of soil, water or air.

Social Impacts:

- The project has prepared a variety of communication materials including brochures, dashboard, etc. for stakeholders and the general public to raise awareness. Progress is being made on strategic branding and mainstreaming of POPs projects to further enhance information uptaking.
- Analysis requires usage of chemicals. To ensure a safe working environment, all laboratories are following international safety standards and quality control while conducting lab analysis, which includes the laboratory management of human resources, data reporting and storage, operation of equipment, and disposal of waste.

EA: Knowledge activities and products (will be uploaded to GEF Portal)

The main activities of the POPs GMP projects are to generate data on the presences of POPs at global level, and to strengthen capacity for the sampling and analysis of POPs. Sampling activities under the GMP Pacific project include sampling of abiotic air and water, biotic human milk, and matrices of national interest. Samples collected are analyzed in expert laboratories and in national laboratories with existing capacity. Results generated will eventually contribute to the POPs GMP data warehouse and further support the Stockholm Convention effectiveness evaluation.

Besides, various capacity building activities have been delivered under the GMP Africa project. Standard operating procedures and guidelines for the sampling and analysis of POPs are developed and published online at https://www.unenvironment.org/explore-topics/chemicals-waste/what-we-do/persistent-organic-pollutants/guidance-and-standard. 10 training has been provided to national laboratories in project countries on the analysis of POPs. In addition, as a tool for quality control/quality assurance (QA/QC), two rounds of international inter-laboratory assessments of POPs laboratories have been conducted. A databank of POPs laboratories have been established and is publicly available online at http://informea.pops.int/HgPOPsLabs/index.html.

EA: Stories to be shared

(will be

shared with UNEP &GEF communication division)

*section will be uploaded into the GEF Portal



Selected Project	4886	

GMP Africa

3. RATING PROJECT PERFORMANCE

Project objective and Outcomes	Indicator	Baseline level	Mid-Term Target	End of Project Target	EA: Summary by the EA of attainment of the indicator & target as of 30 June	TM: Progre rating
Dijective		1			В	****1
National capacities for implementing the updated POPs Global Monitoring Plan (GMP) are strengthened, high quality data on the presence and transport of POPs are generated, and conditions for sustainable monitoring of POPs are in place in the African Region		0	15	15	All the 15 project countries have completed the sampling of core matrices and matrices of national interest as planned.	S
	# of countries with reported data on 23 POPs;	0	12	12	Samples from 15 countries have been analyzed with results on 23 POPs generated by the expert labs.	s
	# of regional roadmap for sustainable POPs monitor-ing published.	0	1	1	By 30 June 2021, the plan for sustainable monitoring of POPs has been discussed in regional midterm workshop and several consultation meetings. A framework and strategies for sustainable monitoring of POPs are being developed.	s
utcome 1						
Technical and adminis-trative support provided for the implementation of the project and organ-ization of process	# of national project implementation agreements signed	0	15	15	15 countries have signed legal agreements with UNEP The databank has been updated with 116 labs	S
established in the African Region	# of laboratories submitted information to UNEP for updating information in the databank	0	8	8	registered from all UN regions including those from the project countries.	S
Outcome 2						
Training reports and sec-toral reports on POPs analysis undertaken on two abiotic core matrices (i.e., air and water) in	matrices	0	12	12	15 countries have completed sampling of abiotic matrices	S
the African Region	# of training report for analysis of abiotic matrices	0	8	8	The trainings were provided based on the existing capacities in national laboratories to analyze different matrices e.g. biotic and/or abiotic. Ten trainings have been delivered	S
	# of sectoral reports developed in abiotic matrices	0	0	2	Sectoral reports are being prepared	S
Outcome 3					-	
Training reports and sec-toral report on POPs analysis undertaken on one biotic core matrix (6th round of human milk	# of countries that carried out sampling in biotic matrices	0	12	12	15 countries have completed the sampling of biota matrices The trainings were provided based on the existing	нѕ
survey) in the Pacific Islands Region	# of training report for analysis of biotic matrices	0	8	8	capacities in national laboratories to analyze different matrices e.g. biotic and/or abiotic. Ten trainings have been delivered	s
	# of sectoral reports developed in biotic matrices	0	0	1	A report is being developed to summarize the results and outcomes of analysis of biotic matrices	S
Outcome 4						,
 Assessment report of existing analytical capacities prepared and report on POPs analysis undertaken in sam-ples of national priority (other than core matrices) in the African Region 	# of rounds for interlaboratory assessments held	0	0	2	Two rounds of interlaboratory assessments have been held with final reports published online	s
production continues, in definition region	# of countries having high quality data reported for samples of major national interest.	0	0	up to 10	Standard Operation Procedures were developed and support were provided to all project countries to identify the list of matrices of national interest. Analysis is almost completed with initial results generated by expert labs an national labs. Remaining analysis in a few national labs ar expected to be completed in Q3/Q4 2021.	nd MS
Outcome 5						
	# of assessments on POPs presence in the region and its capacity to	0	0	2	Activities have been undertaken to develop the reports	s

undertaken, and a roadmap for sustainable POPs monitoring developed for the African region	# of regional roadmap for sustainable POPs monitoring in the region, with strategy for implementation, milestones and timetable in a regional roadmap	0	0	1	By 30 June 2021, the plan for sustainable monitoring of POPs has been discussed in regional midterm workshop and several consultation meetings. A framework and strategies for sustainable monitoring of POPs are being developed.	S	
	# of countries providing inputs to develop conclusions and lessons learned on GMP phase 2, as well as recommendations and future plans	0	0	15	6 countries have submitted draft national reports including a chapter on future plans. Reports are being prepared in the other 9 countries.	MS	

3.2 Rating of progress implementation towards delivery of outputs

Output	Expected completion date (as per the latest approved	Implementation status as of 30 June 2020 (%)	Implementation status as of 30 June 2021 (%)	EA: Progress rating justification, description of challenges faced and explanations for any delay	TM: Progres
nder Comp 1					J
1.1 Technical and administrative support provide-ed for the implementa-tion of the project and organization of process established in the African Region					
Activity 1.1: Key stakeholders sign legal documents to carry out activities	30.04.2020	100%	100%	All partners have signed legal agreements with UNEP. Extension of Agreement has been granted to partner countries to compensate the time loss due to COVID-19.	S
$\label{lem:continuous} \begin{tabular}{ll} Activity 1.2: Organize inception workshop, with project workplan and budget assigned. \end{tabular}$	31.05.2016	100%	100%	Inception workshop took place in 2016, with project launched and workplan and budget assigned.	S
Activity 1.3. Update POPs laboratory databank.	30.04.2020	100%	100%	The POPs laboratory databank has been updated, with new registered labs included. It is available online at http://informea.pops.int/HgPOPsLabs/index.html	S
der Comp 2					
2.1 Training reports and sectoral reports on POPs analysis undertaken on two abiotic core matrices (i.e., air and water) in the African Region					
Activity 2.1: Identify sampling sites for air monitoring and make them operational.	30.11.2017	100%	100%	With guidance document provided by UNEP, sampling sites for air monitoring have been identified in all project countries. Air monitoring has been undertaken in all project countries	S
Activity 2.2: Identify sampling sites for water monitoring and make them operational.	30.11.2018	100%	100%	With guidance document provided by UNEP, sampling sites for water monitoring have been identified in the countries assigned to undertake water monitoring. Monitoring activities have been undertaken in those project countries	S
Activity 2.3: Make national laboratories operational for undertaking analysis of abiotic matrices.	30.08.2018	100%	100%	National analytical capacity screening has been conducted at the beginning of the project. National labs with existing capacity have been assigned to analyze certain POPs according to their capacity. Mirror analysis was conducted in reference labs to ensure the generation of high quality international comparable data. Trainings have been provided to selected national laboratories, and two rounds of interlaboratory assessment have been organized for quality assurance/quality control.	S
Activity 2.4: Analyze national samples for air and water, and report high quality data.	30.08.2019	95%	100%	Air and water samples have been analyzed and results have been validated and reported to the Stockholm Convention Data Warehouse	S
Activity 2.5: Summarize results of analysis in two distinctive sectoral reports.	30.09.2021	0%	30%	Sectoral reports are being prepared	S
der Comp 3 3.1 Training reports and sectoral report on POPs analysis undertaken on one biotic core matrix (6th round of human milk survey) in the Pa-civic Islands Region					
Activity 3.1: Make countries in the region capable to undertake sampling of human milk for the 6th round of UNEP/WHO survey.	30.11.2017	100%	100%	Standard Operating Procedures and video tutorials have been provided to guide the implantation of human milk survey. National coordinator for human milk survey were nominated by each project country. Additional support have been provided to countries to obtain ethical clearance	S

Activity 3.2: Make national laboratories operational for		100%	100%	National laboratory capacity screening have been conducted to identify labs	S
undertaking analysis of human milk samples.	28.02.2018	100%	100%	that can analyze human milk samples.	3
Activity 3.3: Implement the 6th round of human milk survey.	28.02.2018	100%	100%	All project countries have received sampling materials. All fifteen countries have completed the human milk survey.	S
Activity 3.4: Compare results from earlier rounds, and report them to the GMP.	31.03.2021	50%	100%	Analytical results of 23 mandatory POPs, as well as newly listed POPs and some candidate POPs, have been generated, shared with project countries, and reported to the Stockholm Convention Data Warehouse.	S
nder Comp 4					
4.1 Assessment report of existing analytical ca-pacities prepared and report on POPs analysis undertaken in samples of national priority (other than core matri-ces) in the African Region					
Activity 4.1: Undertake two rounds of the global interlaboratory assessment	31.08.2020	100% and 90%	100%	Two rounds of interlaboratory assessment were held in 2016-2017 with 175 registrations and in 2018-2019 with 147 registrations. Final reports were prepared and published online.	HS
Activity 4.2: Identify and analyze samples of major national interest.	30.06.2021	90%	95%	Standard Operation Procedures were developed and support were provided to all project countries to identify the list of matrices of national interest. Analysis is almost completed with initial results generated by expert labs and national labs. Remaining analysis in a few national labs are expected to be completed in Q3/Q4 2021.	S
nder Comp 5					
5.1 Assessment reports contributing to regional report for the GMP un-dertaken, and a roadmap for sustaina-ble POPs monitoring developed for the African region					
Activity 5.1: Develop conclusions, lessons learned and recommendations from GMP2 for future monitoring plan.	31.12.2021	70%	80%	Steering committee meetings and expert and stakeholder consultation meetings have been organized to discuss lessons learned and recommendations for future monitoring of POPs. Several reports have been developed, including among others, overview of four rounds of interlaboratory assessments, overview of six rounds of human milk survey, review of contributions of the UNEP/GEF POPs GMP projects to the Stockholm Convention effectiveness evaluation, Achievements and key facts of global monitoring of POPs, cases of good practices etc.	S
Activity 5.2: Prepare a state of the art report to picture the present situation of POPs in the region's environment and humans.	31.12.2021	37%	50%	Preparation of national and regional reports are ongoing	S
Activity 5.3: Develop a roadmap for sustainable POPs monitoring.	31.12.2021	50%	55%	Progress has been made on finalizing the report on framework and strategies for sustainable monitoring of POPs.	S

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Table A. Risk-lo	Ta	ıbl	e	A.	Ri	isk-	lo
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Implementation Status	6th

	Risk affecting:	Risk Rating							Variation respect to last rating		
Risk	Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	MTR	PIR 4	PIR 5	PIR 6	Δ	Justification
Logistical risks inherent to a programme involving fifteen countries.								М	L	\	Sampling activities have completed
Delay in the collection of samples especially related to ethical issues in relation to human milk samples at national level								М	L	\rightarrow	Sampling activities have completed
3. Inability to conduct satisfactory laboratory work.								М	М	=	There is still some analytical work to be completed in relevant national labs.
4. COVID-19 pandemic impacts: Significant delays have occurred due to the COVID-19 pandemic, such as analysis of samples in the expert and national laboratories, which consequently caused delays on reporting data to the Stockholm Convention Data Warehouse, and on the preparation of national, regional and sectoral reports. Delays also occurred on administrative work including issuing financial report and shipment of samples. In addition, due to the high risk and strict regulations on international travels, planned meetings, namely the final result workshop of the 4th interlaboratory assessment and the project final meeting, cannot be held face-to-face in 2020.								М	М	"	COVID-19 measures are not relaxed in most countries, which may cause further difficulties or delays for the implementation of the remaining activities.
Due to uncertainty for international travel, the final meeting of the project may not be able to be held in person		-							М		Restrictions for international travel
Consolidated project risk								М	L		This section focuses on the variation. The overall rating is discussed in section 2.3.

Table B. Outstanding medium & high risks

List here only risks from Table A above that have a risk rating of **M or worse** in the **current** PIR

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	Additional mitigation measures for the next periods					
			What	When	By whom			
Inability to conduct satisfactory laboratory work.	A capacity screening was conducted at the beginning of the project. Project countries with established national laboratories and certain capacity of POPs analysis were identified. To improve and maintain the national capacity, further trainings are provided and labs are encouraged to participate in the two rounds of interlaboratory assessment.	UNEP was in close contact with relevant countries on their analysis of samples, and amended the legal agreements as needed if a country reported difficulties in conducting satisfactory laboratory work. UNEP has also coordinated with expert laboratories to provide guidance and technical support to countries when needed, including organizing workshops to answer questions from countries.	Continue keeping in close contact with partner countries to facilitate providing technical support as needed.	2021-2022	UNEP			
COVID-19 pandemic impacts: Significant delays have occurred due to the COVID-19 pandemic, such as analysis of samples in the expert and national laboratories, which consequently caused delays on reporting data to the Stockholm Convention Data Warehouse, and on the preparation of national, regional and sectoral reports. Delays also occurred on administrative work including issuing financial report and shipment of samples. In addition, due to the high risk and strict regulations on international travels, planned meetings, namely the final result workshop of the 4th interlaboratory assessment and the project final meeting, cannot be held face-to-face in 2020.	UNEP was in close contact with partners on the feasible deadlines for the submission of results and final reports, and to grant exensions to legal agreements to compensate the time loss.	Extension of legal agreements have been granted to related partners.	Extension of legal agreement as needed.	2021-2022	UNEP			
Due to uncertainty for international travel, the final meeting of the project may not be able to be held in person			Preparing for virtual meeting as a back-up plan	2022	UNEP			

High Risk (H): There is a probability of greater than 75% that assumptions may fail to hold or materialize, and/or the project may face high risks.

Significant Risk (S): There is a probability of between 51% and 75% that assumptions may fail to hold and/or the project may face substantial risks.

Medium Risk (M): There is a probability of between 26% and 50% that assumptions may fail to hold or materialize, and/or the project may face only modest risks.

Low Risk (L): There is a probability of up to 25% that assumptions may fail to hold or materialize, and/or the project may face only modest risks.