



**CHEMICALS
and WASTE**



Rôle de l'UNITAR dans le projet GMP2

GMP2 pour la région Afrique - Atelier de lancement

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Accra, Ghana

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UNITAR

Programme de gestion des produits chimiques et des déchets



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The solution to pollution



UNITAR et les produits chimiques

Mandat de l'UNITAR « *développer les capacités pour améliorer la prise de décision à l'échelon mondial et soutenir l'action au niveau des pays en vue de façonner un avenir meilleur* »

- **A travers** : des formations novatrices, des activités en réseaux et la consultance
- **10 programmes sur** : la gestion des produits chimiques et des déchets, les changements climatiques, la coopération décentralisée, la gouvernance environnementale, l'innovation des systèmes de connaissances, la diplomatie multilatérale, le maintien de la paix, la finance publique et le commerce, le satellite (UNOSAT)

Programme de gestion des produits chimiques et des déchets

- **Sur** : ASGIPC, SGH, Mercure, Nanotech, PRTR, Conventions BRS, Gestion des déchets, GMP





Rôle de l'UNITAR dans le projet GMP2

Rôle de l'UNITAR

– Fournir une expertise technique et une assistance administrative au PNUE durant la mise en œuvre des projets GMP2

Portée: GMP2 des régions Afrique, Asie et Pacifique

Calendrier 1^{ère} année des projets GMP2



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Activités appuyées par l'UNITAR

1. Organisation des ateliers régionaux de lancement
2. Elaboration des plans d'action et des budgets pour les activités nationales; SSFA
3. Elaboration de questionnaires pour identifier les capacités des laboratoires nationaux et des besoins de formation
4. Assistance aux laboratoires spécialisés dans le cadre de la préparation des formations



Activités appuyées par l'UNITAR

5. Mise à jour de la banque de données des laboratoires POP
6. Elaboration des modèles de rapports sur l'échantillonnage de l'air/eau
7. Elaboration des modèles de rapport sur les résultats analytiques par les laboratoires spécialisés
8. Conception d'une plateforme interactive en ligne pour le partage d'informations



Enquêtes relatives aux besoins de formation



Initial Survey on Laboratory Capacity and Training Needs 1

1 IDENTITY AND GENERAL DESCRIPTION

Name of laboratory:			
Address:			
City / State			
Country:		Postal Code:	
Telephone:		Fax:	
E-mail:			
Web Site:			
Contact Person:			

Type of Laboratory					
Public/Governmental	<input type="checkbox"/>	Private	<input type="checkbox"/>	Research Center	<input type="checkbox"/>
Size (in square meters)					
Dedicated to POPs Analysis:		m ²			
Experience with POPs analysis since [starting year, yyyy]:					
Pesticides:	PCB:	PCDD/PCDF:	BFR:	PFOS:	

2 ANALYSES PRESENTLY UNDERTAKEN BY THE LABORATORY

Extraction methods: C = Supercritical fluid (SFE) D = Dilution
 F = Solid phase (SPE) L = Liquid/liquid
 M = Microwave P = Pressurized fluid (PFE)
 S = Soxhlet U = Ultrasonic

Separation: Packed column
 Capillary column (please specify length, type)
 Liquid chromatographic column (HPLC) (please specify)

Detector: ECD LRMS
 MS/MS TOF MS
 HRMS

Matrix type	POP(s)	Extraction methods	Separation	Detector
Abiotic				
Abiotic - air				
Abiotic - water				
Abiotic - other				
Biota				
Biota - human milk				
Biota - other				



Check List¹

Prepared by: [Name], [Institution]

Date the form was filled out:

1 GENERAL

Name of Laboratory:	
Address of Laboratory:	
E-mail:	
Phone:	
WebPage:	
Contact person:	

2 TECHNICAL PART - EXISTING CAPACITY TO ANALYZE POPs

2.1 Description of the Laboratory:

2.1.1 [Name and address of the institution hosting the Laboratory](#)

2.1.2 [Main activity of the Laboratory](#)

2.1.3 [Economic resources/main incomes of the laboratory](#)

¹ This check list has been prepared by the expert back-up laboratories as a self-assessment of laboratories participating in the UNEP/GEF projects to support the implementation of the Global Monitoring Plan. The information provided will assist to develop the programme for the hands-on training in the developing country laboratory. It is intended to obtain a better idea of the actual working conditions of the POPs laboratories and what would be necessary to improve their contribution to a sustainable POPs monitoring. The information therein adds to the data already contained in the UNEP POPs Laboratory Databank.

Enquête relative à la banque de données de laboratoire



POPs Laboratory Databank (27 POPs)

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POPs Laboratory Databank



Questionnaire for POPs Laboratories

In 2005 and within the framework of the UNEP/GEF project "Assessment of Existing Capacity and Capacity Building Needs to Analyse POPs in Developing Countries", UNEP Chemicals has established a databank of laboratories capable to analyze persistent organic pollutants (POPs). Since that the databank has been updated and is being maintained by the Division of Technology, Industry and Economics (DTIE) and hosted by the clearinghouse mechanism of the Secretariat of the Basel, Rotterdam and Stockholm Conventions. The databank is searchable and web-accessible from this WebPage <http://212.203.125.7/databank/Laboratory/Search.aspx>.

The POPs Laboratory Databank has shown to be a useful source of information for a number of stakeholders including laboratories offering their services to clients, governments and others to identify laboratories according to their needs. In addition, the databank is a tool for quality assurance/quality control (QA/QC) since it provides information as to the performance of laboratories in interlaboratory assessments according to POP and matrix.

The POPs Laboratory Databank is continuously expanded as new POPs are listed in annexes A, B, or C of the Stockholm Convention. Guidance is being continuously developed for the analysis of these newly added substances, which also includes reconsideration of the recommended core matrices for analysis. In this way, there is a close linkage between the POPs Laboratory Databank and the expert groups of the Global Monitoring Plan under article 16 of the Convention.

The information contained in the databank also serves the present and future UNEP/GEF projects on POPs analysis and Global Monitoring Plan as well as the Bi-ennial Global Interlaboratory Assessments on Persistent Organic Pollutants (for further information, see <http://www.unep.org/chemicalsandwaste/POPs/AnalysisandMonitoring/tabid/1059788/Default.aspx>).

In order to provide the best service to those interested in POPs analysis, the information on the existing capacity of POPs laboratories needs to be updated. We have developed this questionnaire to collect specific information from POPs laboratories and kindly ask managers of laboratories that perform POPs analysis to fill out the questionnaire and send it back to (preferentially per e-mail) to the Science and Risk Assessment Team at science@unep.org.

We thank you very much for your cooperation and look forward to your input.

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POPs Laboratory Databank (27 POPs)

1 IDENTIFY AND GENERAL DESCRIPTION

Name of laboratory:	
Address:	
City / State:	
Country:	Postal Code:
Telephone:	Fax:
E-mail:	
Web Site:	
Contact Person:	

Type of Laboratory

Public/Governmental	<input type="checkbox"/>	Private	<input type="checkbox"/>	Research Center	<input type="checkbox"/>
Function of the Laboratory					
Size (in square meters)					
Total Laboratory:		m ²			
Dedicated to POPs Analysis:		m ²			
Does the laboratory offer services to national and international customers? <input type="checkbox"/> Yes/ <input type="checkbox"/> No					
How long has your laboratory been operational [starting year, yyyy]:					
Experience with POPs analysis since [starting year, yyyy]:					
Pesticides:		PCB:		PCDD/PCDF:	
BFR:		PFAS:			

2 PERSONAL ANALYZING POPs

Professionals [Number of staff]	Ph.D.:	M.Sc.:	Technicians:
Others (Administration, temporary assistants, etc.) [Number of staff]:			

3 ACTIVITIES, EQUIPMENT, AND QUALIFICATIONS

Table 1: Indicative list of major clients

The laboratory offers services to third parties?	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
	Public/Governmental	Private	Research Center
Principal clients (%)			





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Merci !

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