

MWAISENI



Africa region mid-term workshop

UNEP/GEF project “Continuing
Regional Support for the POPs
Global Monitoring Plan under the
Stockholm Convention (GMP2)”
in the Africa, Region

Lusaka, ZAMBIA

MWAISEMI

FELIZ

ZIKOMO

KARIBO

حياة

THANK YOU

CONTENT

LIFE



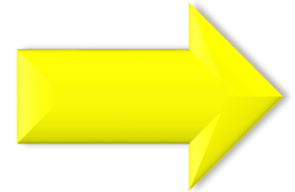
Next steps



- DR Congo
- Egypt
- Ethiopia
- Ghana
- Kenya
- Mali
- Morocco
- Mauritius
- Nigeria
- Senegal
- Tanzania
- Togo
- Tunisia
- Uganda
- Zambia

Africa

From now:



Africa

DR Congo
Egypt
Ethiopia
Ghana
Kenya
Mali
Morocco
Mauritius
Nigeria
Senegal
Tanzania
Togo
Tunisia
Uganda
Zambia

Sampling ends
31 December 2018

Can you analyse PUFs?
2,4,6,8,10,12

YES

NO

Which ones?

Send to
expert
laboratories

Africa

Egypt

Ghana

Kenya

Senegal

Tunisia

Zambia

Can you analyse your national samples?

YES

NO

UNDERTAKE
THE ANALYSIS

1. Keep bottle B
2. Send it to MTM (Heide)

MTM will undertake the analysis of PFOA and PFHxS in addition to the POPs included in the GMP2

Africa

Human milk

DR Congo
Egypt
Ethiopia
Ghana
Kenya
Mali
Morocco
Mauritius
Nigeria
Senegal
Tanzania
Togo
Tunisia
Uganda
Zambia

**Deadline to send
pool to CVUA
31 December 2018**



- ✓ Send letters:
 - ✓ To help Ethical Clearance, in coordination with WHO
 - ✓ To help shipment, in coordination with CVUA
- ✓ Send e-mail:
 - ✓ To clarify need of potassium dichromate
 - ✓ To clarify national analysis situation

Africa

Human milk

- DR Congo
- Egypt
- Ethiopia
- Ghana
- Kenya
- Mali
- Morocco
- Mauritius
- Nigeria
- Senegal
- Tanzania
- Togo
- Tunisia
- Uganda
- Zambia

Can you analyse your national samples?

YES

UNDERTAKE
THE ANALYSIS

NO

Send to CVUA (Rainer
and Karin) AS A POOL
(another 2 L bottle will be
sent to you)

Africa

CVUA will include analysis of

5) POPs listed at COP-7: Hexachlorobutadiene (Annex A), pentachlorophenol + salts + esters, polychlorinated naphthalenes

6) POPs listed at COP-8: Decabromodiphenyl ether, SCCP, hexachlorobutadiene (Annex C)

7) possible candidates at COP-8: dicofol, pentadecafluorooctanoic acid (PFOA) and salts, perfluorohexane sulfonic acid (PFHxS)

Human
milk

Africa

Country	Sampling Status
DR Congo	About to send the samples to the reference labs
Egypt	Done
Ethiopia	
Ghana	Ongoing
Kenya	Ongoing
Mali	Done
Mauritius	New matrices proposed and accepted
Morocco	Ongoing
Nigeria	Plan to start soon
Senegal	About to send the samples to the reference labs
Tanzania	Ongoing
Togo	New sampling plan submitted
Tunisia	Done
Uganda	Done
Zambia	Done

- Identify where the bottle neck is:
- National regulation?
 - Courier?
 - Type of support you need from UNEP

National samples

Africa

Country	Sampling Status
DR Congo	About to send the samples to the reference labs
Egypt	Done
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Togo	New sampling plan submitted
Tunisia	Done
Uganda	Done
Zambia	Done



- ✓ Send letters:
 - ✓ To help shipment, in coordination with MTM (shipment permit) and/or letters from other expert laboratories

National samples

Africa

National samples

- DR Congo
- Egypt
- Ethiopia
- Ghana
- Kenya
- Mali
- Morocco
- Mauritius
- Nigeria
- Senegal
- Tanzania
- Togo
- Tunisia
- Uganda
- Zambia

Can you analyse your national samples?

YES

UNDERTAKE
THE ANALYSIS

NO

Keep simple until
secured with expert
laboratory

Africa

Asia

Pacific

GRULAC

Country	When
Egypt	TBD
Ghana	Pending
Kenya	May 2017
Mauritius	14 - 22 Sep 2017
Morocco	Done
Senegal (Mali)	28 Sep - 6 Oct 2017
Tanzania	12-20 July 2018
Tunisia	TBD
Uganda	TBD
Zambia	23 April – 1 May 2018

Others?

Togo, Ethiopia

UNEP will assess options with countries and expert laboratories

Training

Africa

IL

Deadline extended to
10 August 2018



✓ Will send reminder



Participants to spread
the communication

Africa

Data-
bank

UNEP DATABANK OF LABORATORIES ANALYZING MERCURY AND POPS
"Hg & POPS LABORATORY DATABANK"



Hg Laboratory Databank

Last Update: May 10h, 2010

POPs Laboratory Databank

Last Update: April 16th, 2010

UNEP DATABANK OF LABORATORIES ANALYZING POPS

Laboratory: Umweltbundesamt GmbH [AUSTRIA]

General | Staff | Clients | Sampling | Extraction and Determination | Identification Methods | Number of samples | External Cost

QA | Accreditation | Inter-calibration | Tiers | Publications | Comments

Identify and General Description

Name of Laboratory :	Umweltbundesamt GmbH	Contact Person (S) :	Mr. Wolfgang MOCH
Address :	Spitzenberg Landstr. 5	F-Mail :	
City/State :	Vienna	Telephone :	
Country :	Austria	Mobile :	
Postal Code :	A.1000	Contact Person (P) :	
Telephone :	+43 (0) 37348 0	F-Mail :	
Fax :	+43 (0) 37348 3400	Telephone :	
E-mail :	wolfgang.moch@umweltbundesamt.at	Mobile :	
Web Site :	www.umweltbundesamt.at		

Type of Laboratory : Public / Governmental / Yes
Private / No
Research Center / No

Function of the Laboratory : The chemical analytical laboratories of the Federal Environment Agency established in 1988, perform sampling and organic and inorganic trace analysis for all environmental media. The monitoring of environmental pollution is essential to support political decision-making and to avoid emerging environmental risks. Various organic and inorganic pollutants, such as pesticides, PAH, VOC, herbicides, pharmaceuticals, illicit drugs, heavy metals in water, soil, waste, sludge, compost, manure, etc. (PBT), products and other media are part of these monitoring programs. Additionally, ...

UNEP DATABANK OF LABORATORIES ANALYZING POPS

Extended Filters (None applied)

Accreditation | Extraction and Determination | Inter-calibration | Matrices and POPS | Methods | Number of Samples | Tiers

<input type="checkbox"/> P = Pressurized fluid (PFE)	<input type="checkbox"/> 1 = Packed column or HPLC - ECD or FID
<input type="checkbox"/> D = Dilution	<input type="checkbox"/> 2 = Capillary column - ECD
<input type="checkbox"/> F = Solid phase (SPE)	<input type="checkbox"/> 3 = Capillary column - HRMS
<input type="checkbox"/> L = Liquid/Liquid	<input type="checkbox"/> 4 = Capillary column - HRMS
<input type="checkbox"/> S = Soxhlet	<input type="checkbox"/> 5 = Capillary column - MS/MS
<input type="checkbox"/> U = Ultrasonic	<input type="checkbox"/> 0 = No instrumentation for determination
<input type="checkbox"/> C = Supercritical fluid (SFE)	
<input type="checkbox"/> M = Microwave	

Apply filter Remove filter

Export to Excel

20 Laboratories per page 1 - 20 of 256 Laboratories

Laboratory	Country	Region
Department Analytical Services	Artigas and Barbuda	GRULAC
CETA - Centro de Estudios Transdisciplinarios del Agua	Argentina	GRULAC
CIT - Centro de Investigaciones Toxicológicas	Argentina	GRULAC
INTI - Contaminantes Orgánicos	Argentina	GRULAC
LAQAB - Laboratorio de Química Ambiental y Biogeoquímica	Argentina	GRULAC

Advanced filters

Participants to:

- Spread the communication
- Register / Verify information

Africa

Next meeting:

FIRST QUARTER 2020



MERCI

KARIBO

ZIKOMO

GRACIAS

THANK YOU

ASANTE