



**Final Result Workshop  
Third Round Biennial  
Global Interlaboratory Assessment**

6-7 April , 2017 / Beijing, China

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# This presentation

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- Context and history
  - Stockholm Convention on POPs
  - 1<sup>st</sup> and 2<sup>nd</sup> interlaboratory assessment
- 3<sup>rd</sup> round interlaboratory assessment
- This workshop
- Acknowledgement

# Stockholm Convention on POPs

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- Several POPs listed (12, 9, 1, 1, 3)
- Article 16: Effectiveness evaluation  
Global Monitoring Plan established
- Conference of the Parties decisions

# Stockholm Convention on POPs

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To provide reliable monitoring information for the Parties, the guidance document aims to

*“confirm a 50% decline in the levels of POPs within a 10 year period”*

which means:

- POPs laboratories must be capable – at any time – to analyse samples for POPs within a margin of  $\pm 25\%$

harmonized data generation and assessment

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# POPs Global Monitoring Plan – Phase 1

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Figure 1: Donor mother from Kiribati and

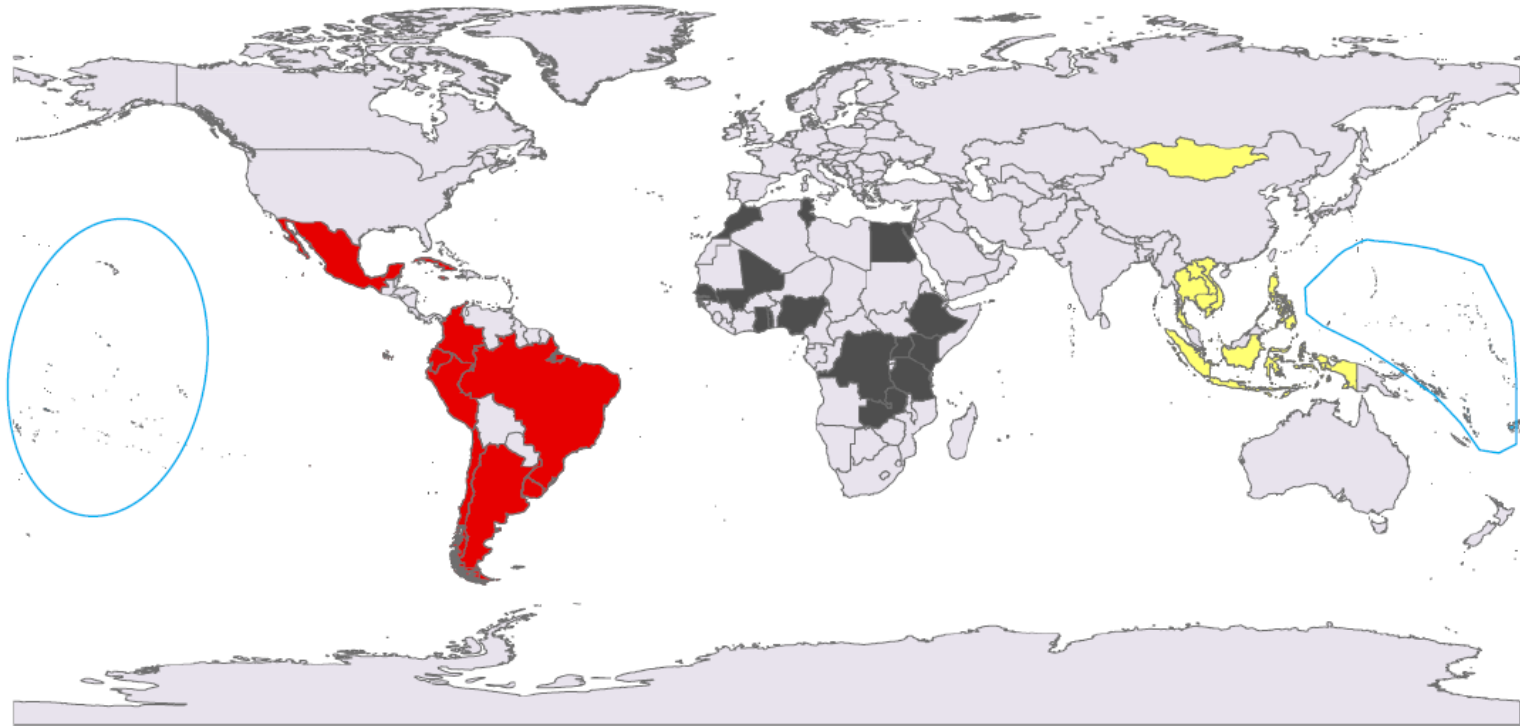
More than 85 national pools of human milk  
from 2000 to 2012 analysed

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# POPs Global Monitoring Plan – Phase 2

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**Africa (15 countries):**

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

**Asia (7 countries):**

Cambodia; Indonesia;  
Lao PDR; Mongolia;  
Philippines; Thailand;  
Vietnam

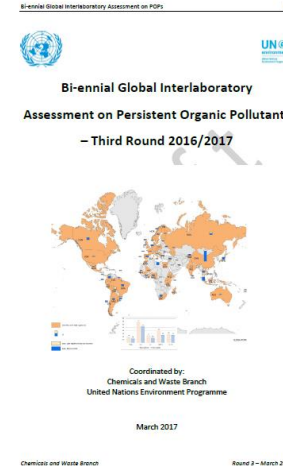
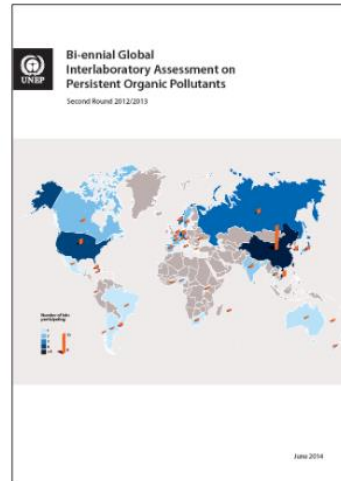
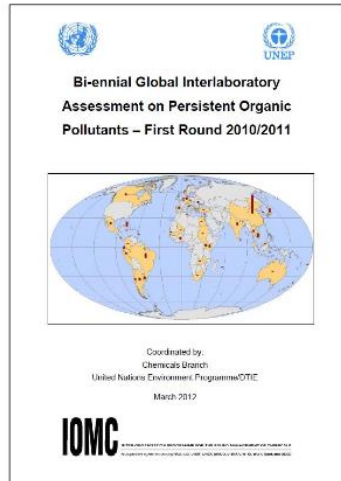
**GRULAC (11 countries):**

Antigua and Barbuda;  
Argentina; Barbados;  
Brazil; Chile; Colombia;  
Ecuador; Jamaica;  
Mexico; Peru; Uruguay

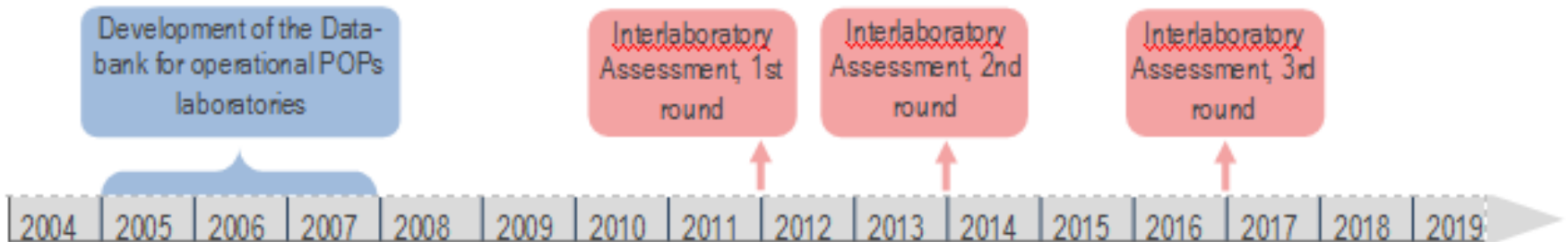
**Pacific Islands (10**

**countries):** Fiji; Kiribati;  
Marshall Islands; Niue;  
Palau; Samoa; Solomon  
Islands; Tuvalu; Vanuatu

# Interlaboratory Assessments

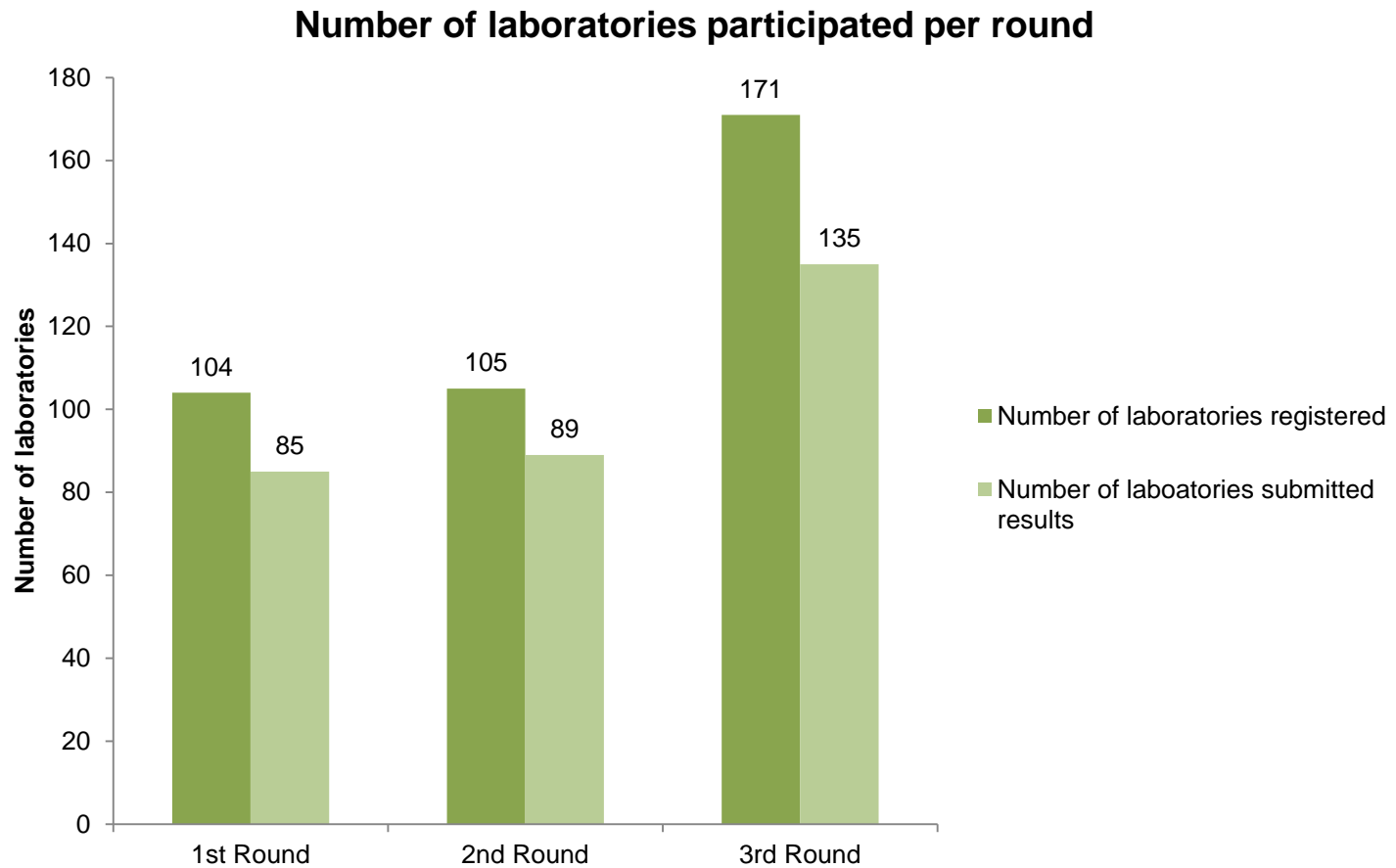


## The Global Interlaboratory Assessments Timeline



# Interlaboratory Assessments

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# 3<sup>rd</sup> Interlaboratory Assessment

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## **Coordination:**

UN Environment, Chemicals and Health Branch

## **Organizers:**

- Örebro University, Man-Technology-Environment Research, Dr. Heidelore Fiedler
- Institute for Environmental Studies, Vrije Universiteit, Amsterdam, Dr. Jacob de Boer, Ike Van der Veen

# This workshop

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- Overview the results of the 3rd round interlaboratory assessment
- Overview of the intercalibration data
- Discussion on analytical aspects and performance
- Discussions in small groups
- Future steps

# Acknowledgement

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- All participating laboratories
- MTM Center, Örebro University (Sweden) and IES VU University (Netherland) for coordinating the assessment
- Regional Center in China and in Uruguay for organizing the workshop

Thank you

谢谢



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