

# The Special Programme

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Seminar on Strengthening Institutional Capacity for the Sound Management of Chemicals in Brazil

October 17<sup>th</sup> 2018

Auditorium of the Pan American Health Organization (PAHO/WHO)  
Brasilia, Brazil

Special Programme to support institutional strengthening at the national level for implementation of the Basel, Rotterdam and Stockholm Conventions, the Minamata Convention and the Strategic Approach to International Chemicals Management

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Juan Fernando CAICEDO R



**“Strengthening Institutional Capacity for the Sound management of Chemicals through the Establishment of necessary structure to implement the national legislation on industrial Chemicals”**

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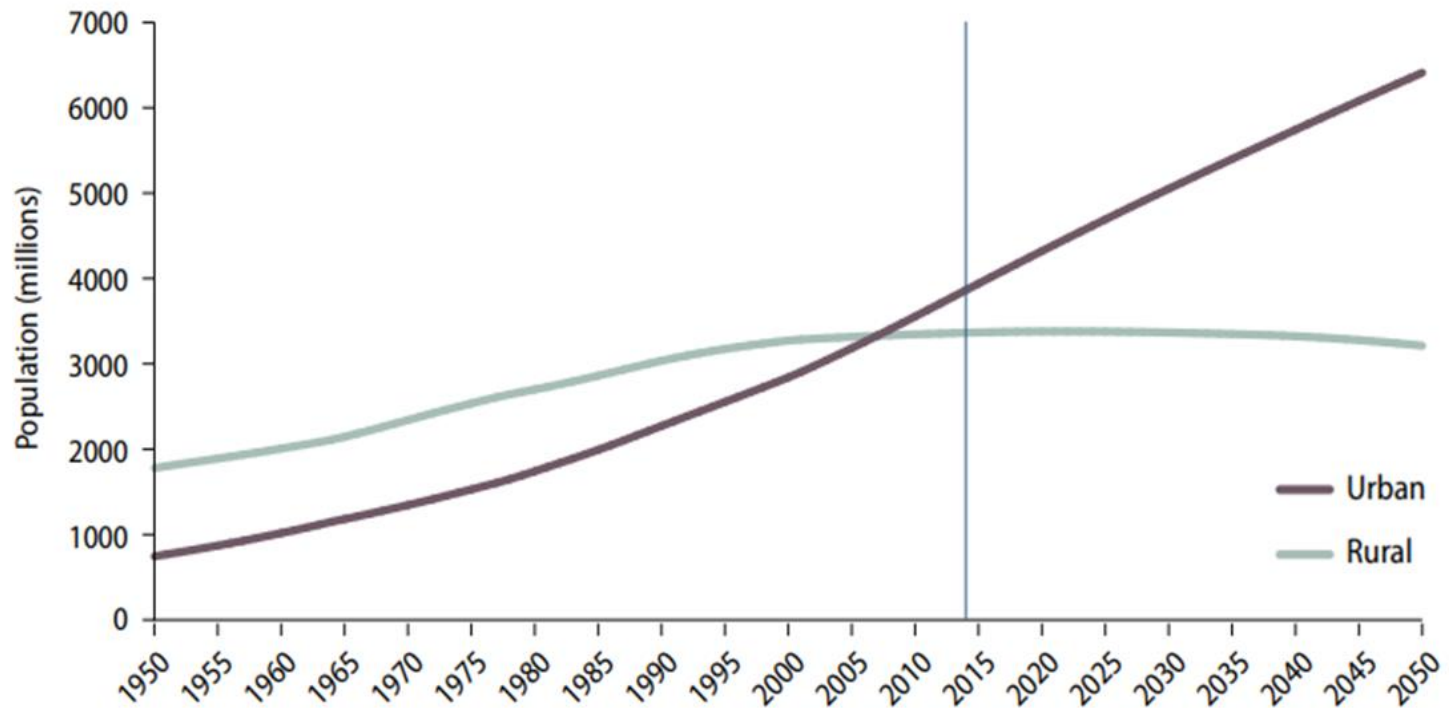
# I. Adverse effects of chemicals and waste

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# Megatrends: chemicals and waste

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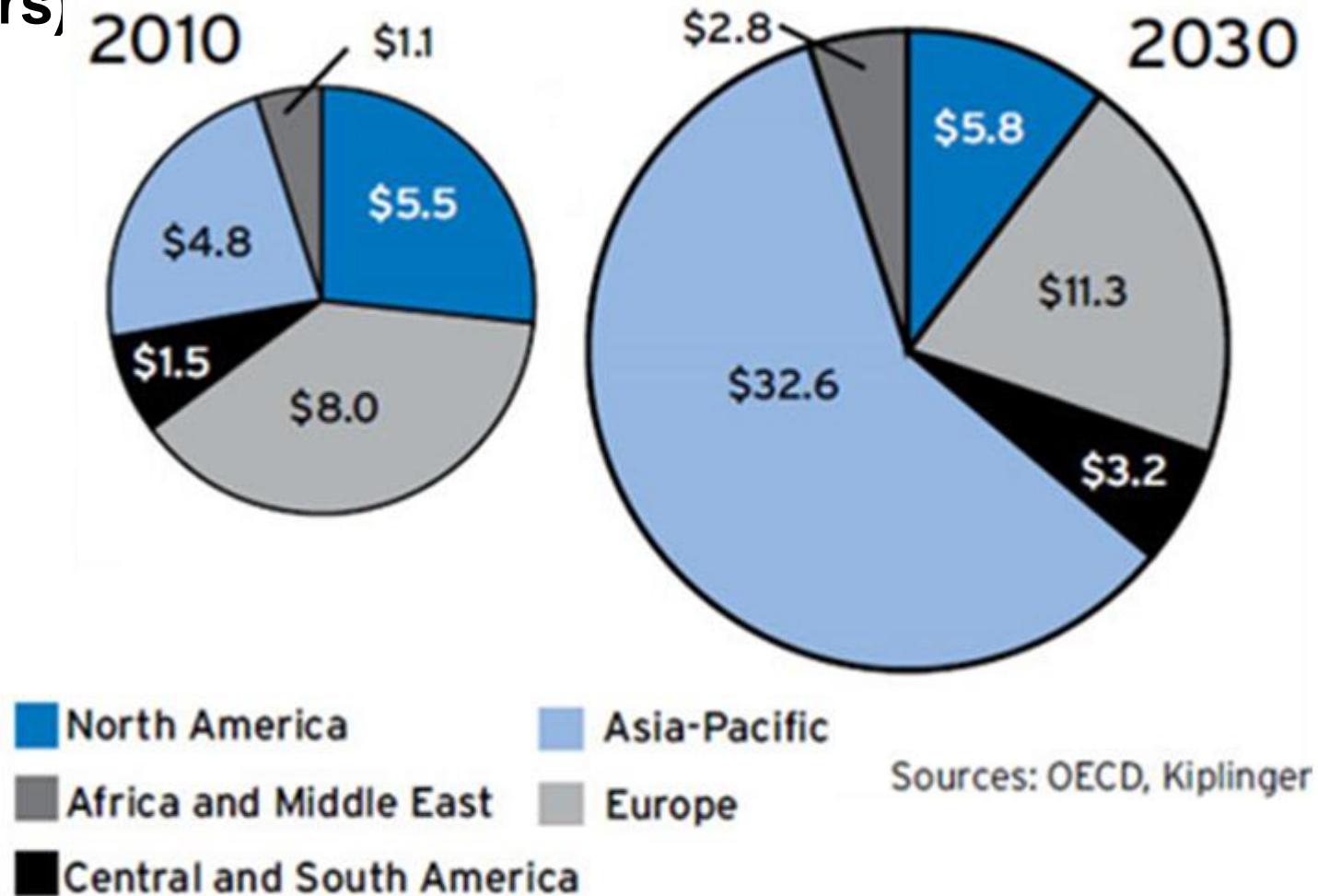
A range of megatrends have major implications regarding chemicals and waste, including a growing middle class, economic shifts, urbanisation, technological change etc.



Global population living in urban and rural areas (UN Population Division)

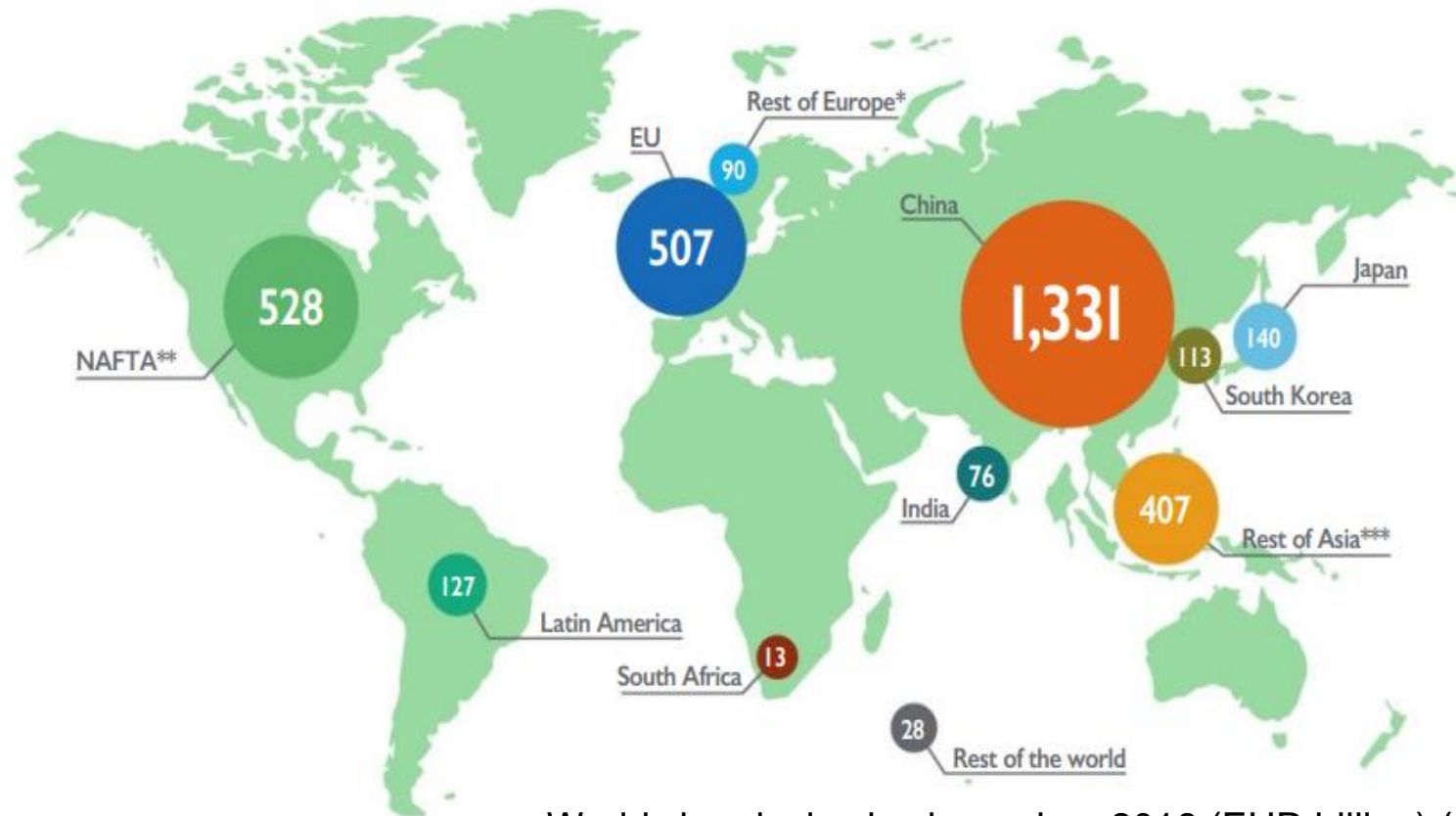
# Expansion of the middle class

**Middle class spending worldwide (trillions of dollars)**



# The chemicals industry

Global sales of the chemical industry estimated at 3.4 trillion in 2016 (5.2 trillion including pharmaceuticals)



World chemical sales by region, 2016 (EUR billion) (CEFIC)

# Chemical-intensive downstream industry sectors

These trends are likely to have significant impacts on chemical-intensive downstream industry sectors

Figure 3: End market synopsis

End market	Outlook (2010–2014)				End market size and chemical revenue from end market		Megatrends likely to have the most significant impact							
	North America	Europe	Asia Pacific	Latin America	Chemical revenue (US\$ billion)	End market size (US\$ billion)	Resource scarcity	Green/sustainability	New pattern of consumption	Demographic change	Convergence of technologies	Urbanization	Human health	Patterns of mobility
*Global														
Construction					695	8,016	X	X		X	X	X		
Electronics					371	2,458	X		X		X	X		X
Household					159	800		X	X	X	X	X	X	
Agriculture					142	1,772	X	X	X	X			X	
Paper and packaging					130	702			X		X			
Automotive					128	1,932	X	X			X	X		X
Health care					113	1,368			X	X	X		X	
Energy					113	3,833	X	X			X			
Transportation					61	1,023	X	X				X		X
Nutrition					29	4,022	X		X	X	X		X	
Personal care					20	225		X	X	X			X	
Machinery					15	457					X			
Apparel and textiles					11	1,097			X	X	X			
Mining and metals					4	1,333	X	X				X		

Notes:

\*Global information for the end markets and based on averages in the region.

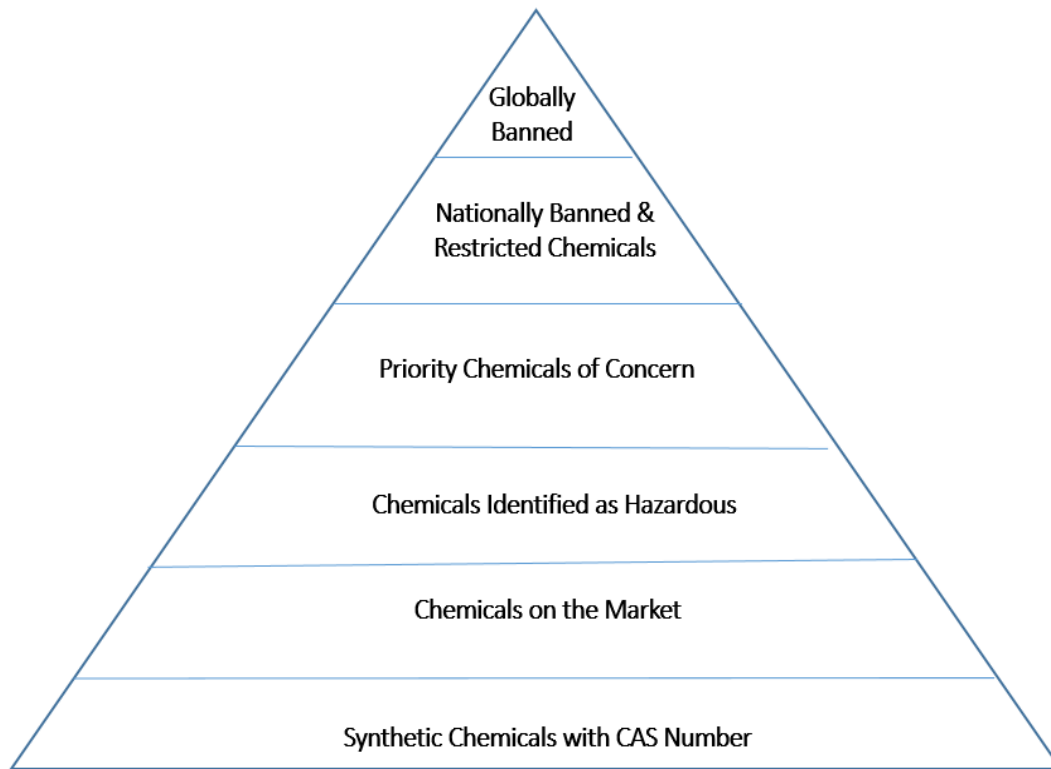
Outlook for growth (CAGR) (2010–2014): ■ <0% ■ 0–5% ■ 5–10% ■ 10–15% ■ >15%

Not available data ■: Data unavailable to make a comment on the status of the end-market.

Source: DITL Global Manufacturing Industry group.

# Knowns and unknowns about chemicals on the market

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The universe of chemicals

While much progress has been made, there are still many unknowns about the number of chemicals on the market as well as the hazards and risks of many chemicals

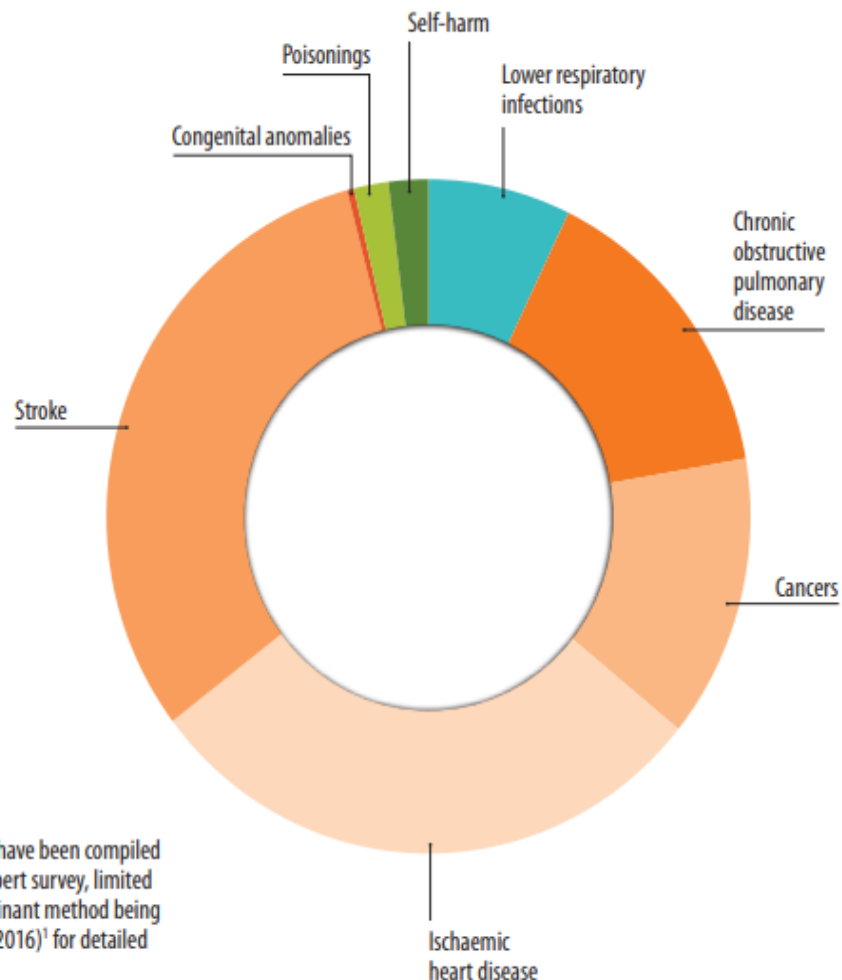


# Health impacts

Through the sound management of chemicals and waste...

- One third of ischaemic heart disease
- 40% of strokes
- <8% of cancers
- Pulmonary diseases

....could **be prevented!**



## Total deaths attributable to chemicals by disease

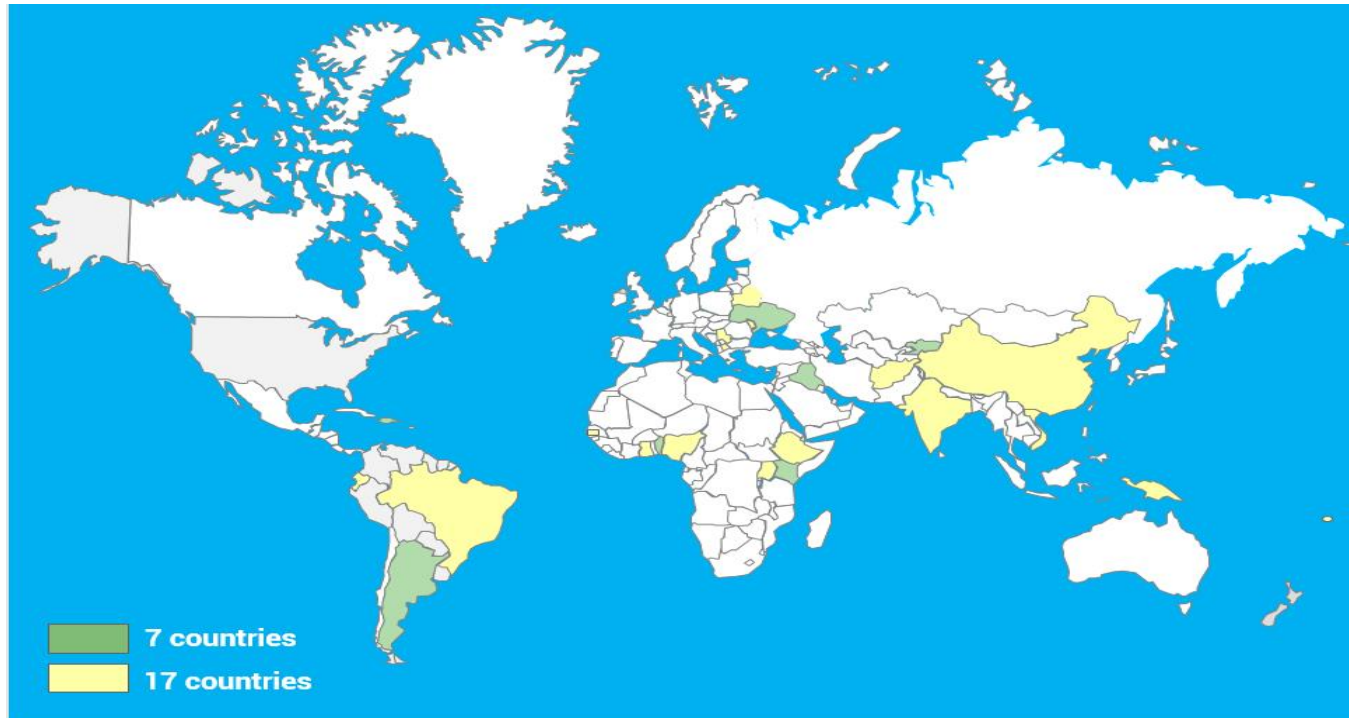
Source: *The Public Health Impact of Chemicals: Knowns and Unknowns*, WHO, 2016

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## II. Summary of the Special Programme

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# Summary of the Special Programme



## First round approved projects:

Argentina, Benin, Dominican Republic, Iraq, Kyrgyz Republic, Tanzania, Ukraine

## Second round approved projects:

Afghanistan, Belarus, **Brazil**, China, Ecuador, FYR of Macedonia, The Gambia, Ghana, India, Kenya, Kiribati, Nigeria, Papua New Guinea, Republic of Moldova, Serbia, Uganda, Vietnam

**Third round approved projects:** to be decided by the Executive Board (December 2018)

## Special Programme

First session of the UN environment assembly, Resolution 1/5

## Decision-making body

## THE EXECUTIVE BOARD

## Trust Fund

US\$ 17,188,907

## Application rounds

### 1 round:

April – July 2016

### 2 round:

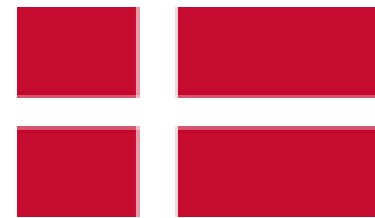
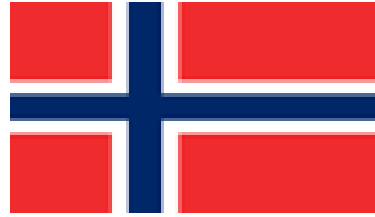
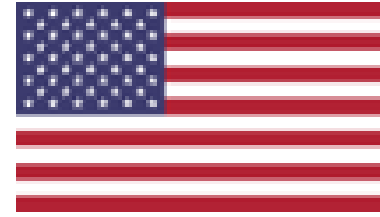
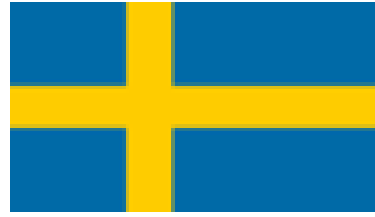
February – May 2017

### 3 round:

February – June 2018

# Special thanks to our donors

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## III. Status of the First round of applications

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# First round of applications – Project Status

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## **Benin**

- First Inception Workshop held in Oct. 2017
- Report on the status of chemicals and the related legal references and texts available.
- The national chemicals profile is evaluated

## **Tanzania**

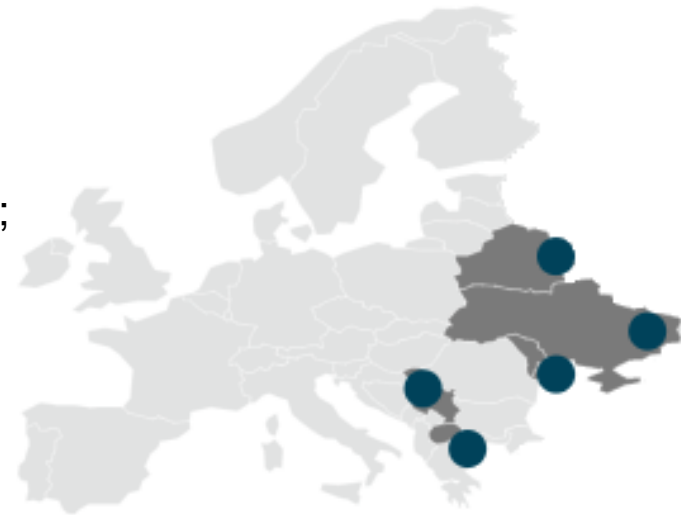
- First Inception Workshop held in Oct. 2017

## **Kyrgyz Republic**

- Project Coordination Committee established; two meetings held;
- Interdepartmental Working Group for coordinating mechanisms in Chemicals management established; two meetings held;
- Stakeholder involvement policy and operation information exchange system developed

## **Ukraine**

- First meeting to establish a working group held
- Training-of-trainers organized in Khmelnytsky



# First round of applications – Project Status

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## Argentina

- Minamata Convention ratified by Law 27356, May 2017
- Inception workshop organized, Nov. 2017
- Joint analysis to propose modification of waste regulation with Cross Border Movement Unit
- Customs conduct analysis of current import and export requirements to fulfill obligations under Minamata
- Joint Argentine-UN Environment-ICCA workshop on chemicals regulation April 2018

## Dominican Republic

- First Inception Workshop held last week 22 February, 2018

## Iraq

- Inception workshop conducted with project structure design
- Stakeholders defined and national



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## IV. Status of the Second round of applications

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# Second round of applications-Approved projects

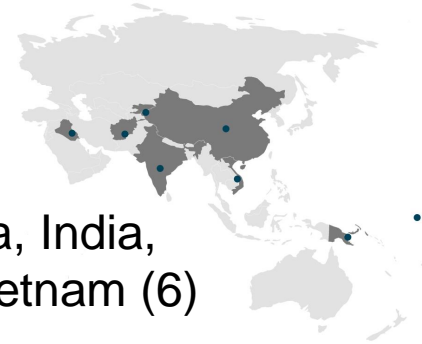
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Seventeen (17) projects approved out of 33 eligible and complete applications considered by the Executive Board at their third meeting, December 2017, Nairobi

Total amount of  
**US\$ 5,096,735**



*Africa:* Ghana, Kenya, Nigeria, The Gambia, Uganda (5)



*Asia Pacific:* Afghanistan, China, India, Kiribati, Papua New Guinea, Vietnam (6)



*Latin America and Caribbean:* **Brazil**, Ecuador (2)

*Central and Eastern Europe:* Belarus, Former Yugoslav Republic of Macedonia, Moldova, Serbia (4)



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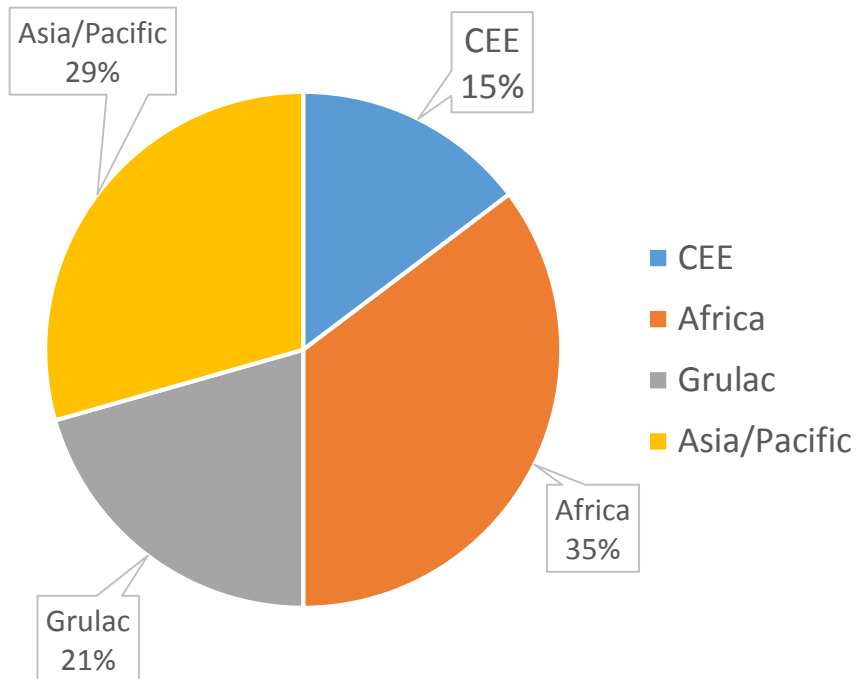
## V. Status of the Third round of applications

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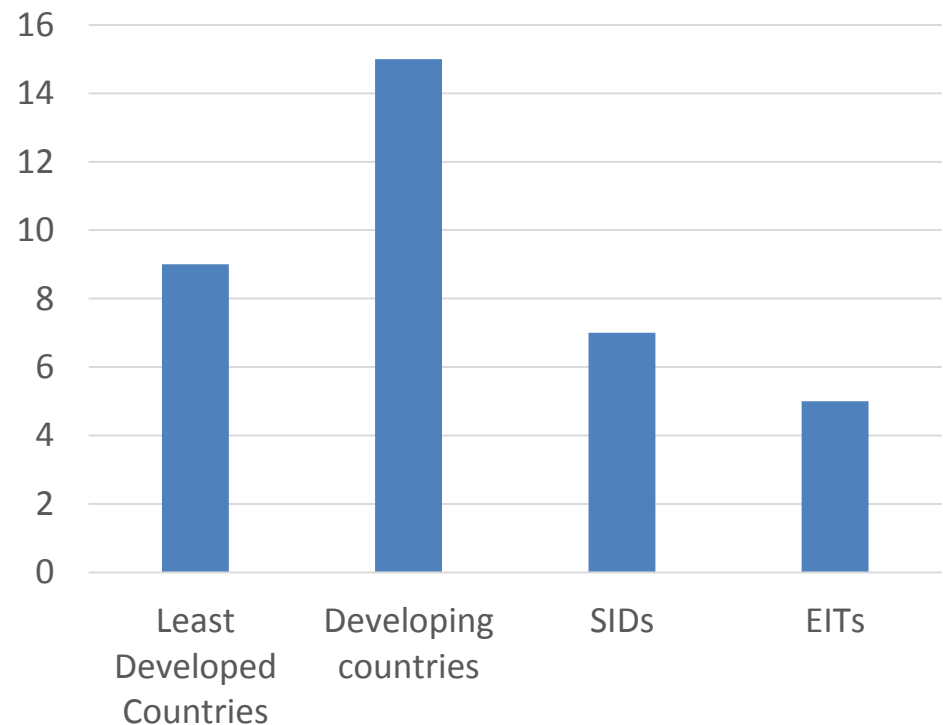
# Third round applications

37 applications from 34 countries

## Country representation by region



## Country representation by status



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## VI. Special Programme Trust Fund

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# Contributions and pledges received (2015-2018)

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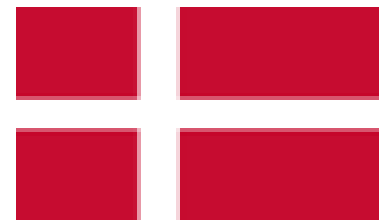
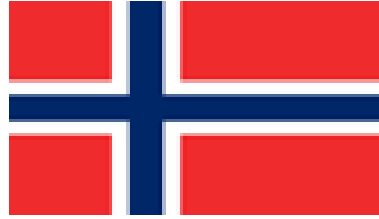
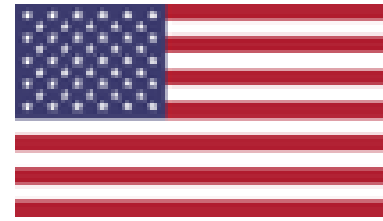
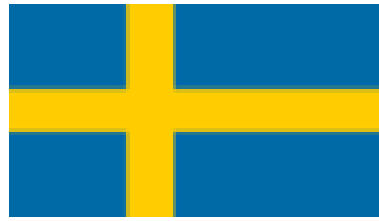
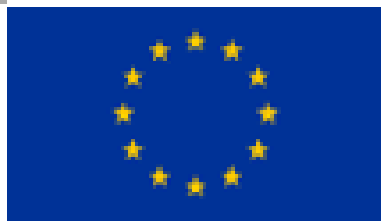
Donor	Total amount pledged*/contributed
European Union	11,676,996
Sweden	2,927,456
United States	1,237,750
Germany*	641,082
Norway	233,644
Finland	219,954
The Netherlands*	137,013
Austria	43,248
Belgium*	40,000
Denmark*	31,764
Total contributions and pledges**	17,188,907

\* Pledges made and amounts will be adjusted with the exchange rate on the day of receipt

\*\* including PSC

# Special thanks to our donors

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# Resource mobilization and communications

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**Contributions** are welcome from all signatories and Parties to the conventions and other governments with the capacity to do so, as well as from the private sector, including industry, foundations, other non-governmental organisations and other stakeholders.

As part of the **Communications strategy** for the Special Programme, overall visibility of the Special Programme, in particular showcasing the results and outcomes of the ongoing projects will be strengthened.

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## VII. Additional information regarding the Special Programme

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# Special Programme

The screenshot displays the United Nations Environment Programme (UNEP) website. The top navigation bar includes links for Regions, About Us, Work With Us, Languages, Resources, and Events. The main header features the UNEP logo and a search bar. The content area is divided into three sections:

- Left Section:** A large image of a colorful dhow boat on the water. A text box overlay reads: "STORY Flamboyant Flipflop dhow seeks sea change in how we view plastic".
- Top Right Section:** A video thumbnail showing a woman working with soil. A text box overlay reads: "Sustainable soil solutions in Vietnam Watch the video".
- Bottom Right Section:** A video thumbnail showing a cityscape at night. A text box overlay reads: "Bridging the Emissions Gap: The Role of Non-state and Subnational Actors Learn more".

<https://www.unenvironment.org/explore-topics/chemicals-waste/what-we-do/special-programme>

# Special Programme

## Goal of the Special Programme

The Special Programme provides support to developing countries and countries with economies in transition to strengthen and enhance their institutional capacity for chemicals and wastes management with the view to facilitating implementation of the Basel, Rotterdam and Stockholm Conventions, the Minamata Convention and the Strategic Approach to International Chemicals Management (SAICM) at the national level... [read more](#)

## Special Programme Projects Database

The Special Programme has successfully processed two rounds of applications since its inception in 2015. The programme is currently funding projects from 24 countries. Explore the projects through our [Projects Database](#) or through the map below.

## *In Chemicals & waste*

Why do chemicals and waste matter?

What we do

Emerging issues

Environment, health and pollution

Mercury

Persistent organic pollutants

Policy and governance

# Latin America and the Caribbean

**Argentina:** Strengthening National Capacity for the Sound Management of Chemicals and Waste

**Brazil:** Strengthening institutional capacity for sound management of chemicals through the establishment of necessary structure to implement the national legislation on industrial chemicals

**Dominican Republic:** Strengthening institutional capacity for the implementation of the Basel, Rotterdam, Stockholm and Minamata Convention and SAICM

**Ecuador:** Strengthening of the National Control System for the Management of Dangerous Materials in Ecuador







# Brazil

Strengthening institutional capacity for sound management of chemicals through the establishment of necessary structure to implement the national legislation on industrial chemicals

*In Chemicals & waste*

Why do chemicals and waste matter?

What we do

Emerging issues

Environment, health and pollution

Mercury

### **Project Summary**

The main objective of this project is to strengthen the Sound Management of Chemicals by the development of the new legislation on Industrial Chemicals and the implementation of the Multilateral Environmental Agreements on chemicals and waste and the Strategic Approach to International Chemicals Management.

### **Project Objectives**

The project will undertake the following measures to strengthen the legal and institutional frameworks for Sound Management of Chemicals:

- Raise awareness regarding chemicals and waste management issues among decision-makers, the media and the public
- Evaluate international Information Systems for the monitoring of chemicals and design the one to be adopted, according to national needs
- Evaluate the current infrastructure available for chemicals management in Brazil and propose improvements, including the establishment of the Technical and Deliberative Committees and options for funding the necessary institutional capacity
- Train technicians from the Technical and Deliberative Committees and representatives from the states for enforcement

## Project Details

- **Party:** Basel, Rotterdam, Stockholm, Minamata
- **Country Classification:** Developing country
- **Special Programme Trust Fund:** USD 402,901
- **Cofinancing Total:** USD 298,481
- **Project duration:** 36 months

### *In Chemicals & waste*

Why do chemicals and waste matter?

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What we do

Emerging issues

Environment, health and pollution

Mercury

Persistent organic pollutants

Policy and governance

► **Special Programme**

## Topics

Chemicals & waste

<https://www.unenvironment.org/explore-topics/chemicals-waste/what-we-do/special-programme/special-programme-projects-database-9>

# Additional resources to your project



Thank you  
Merci beaucoup  
Obrigado  
Mil gracias  
спасибо  
شكرا



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