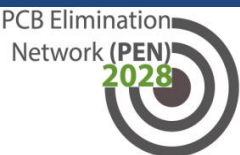




PCB Elimination Network – Progress Report



Towards the Elimination of PCB

Side Event - Conferences of the Parties of the BRS Conventions

Geneva, Switzerland

4 May 2015

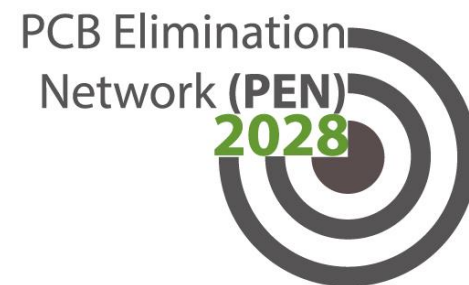
Mihaela Claudia Paun

PEN Advisory Committee Member

Ministry of Environment, Water and Forests

Bucharest, Romania

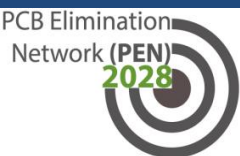
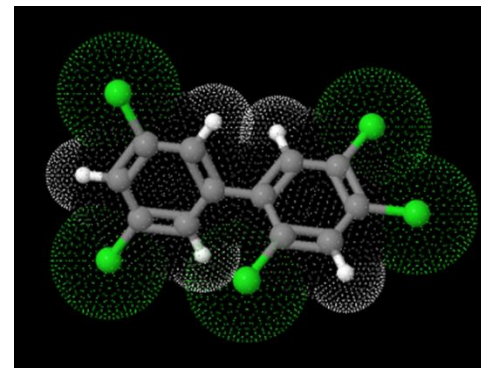
Email: mihaela.ciobanu@mmediu.ro





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2. Membership and Advisory Committee
3. Thematic Groups
4. Budget and Workplan
5. 5th Meeting of the PEN Advisory Committee
6. Conclusions and Recommendations of the Advisory Committee
7. Activities of the Thematic Groups
8. PCB- and PEN-related Activities of UNEP Chemicals Branch

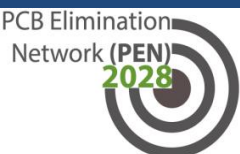




Background

Decision SC-5/7 on PCB (2011):

Following an invitation by the COP, the BRS Secretariat facilitated the transition of the leadership of the PEN to UNEP Chemicals Branch.



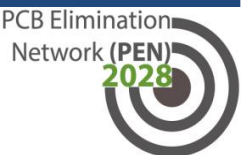
Decision SC-6/6 on PCB (2013):

UNEP Chemicals Branch was invited to inform the COP at its 7th meeting regarding the activities of the PEN





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Membership and Advisory Committee

Membership: 435 members in 2015 (423 in 2013)

The Advisory Committee:

Region	Term	Country / Organization	Name
Africa	2014-2015 (2 years)	Nigeria	Stella U Mojekwu
	2014-2017 (4 years)	Rwanda	Aloys Kamatari
Asia	2014-2015 (2 years)	China	Jinhui Li
	2014-2017 (4 years)	Iran	Sanaz Jafarzadeh
CEE	2014-2015 (2 years)	Romania	Mihaela Claudia Paun
	2014-2017 (4 years)	Moldova	Ion Barabasa
GRULAC	2014-2015 (2 years)	Jamaica	Tara Dasgupta
	2014-2017 (4 years)	Costa Rica	Anna Ortiz
WEOG	2014-2015 (2 years)	V A C A N T	
	2014-2017 (4 years)	V A C A N T	
	NGO	IPEN UK	Alan Watson
	Technical	Swiss Technical Consultant	Urs Wagner
	Industry	Tredi France	Hugues Levasseur
	Holder of PCB	V A C A N T	
	IGO	UNIDO	Alfredo Cueva
	MEA	BRS Secretariat	Matthias Kern



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Thematic Groups

Inventories

Lead: Jinhui Li
Co-leads: Ion Barbarasa and
Aloys Kamatari

Open Applications

Lead: Mihaela Claudia Paun
Co-lead: Urs Wagner

Disposal and Remediation

Lead: Hugues Levasseur
Co-leads: Sanaz Jafarzadeh

Maintenance, Handling, and Interim Storage

Lead: Anna Ortiz
Co-lead: WEOG representative
(tbc)

The leads and co-leads were confirmed at the 5th meeting of the PEN Advisory Committee, November 2014



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Budget and Workplan

Use of existing funds:

- Government of Sweden (SEK 200,000): organization of the 5th meeting of the PEN Advisory Committee
- Government of Finland (USD 28,981): Staff and consultants to support the functioning of the PEN

Remaining budget: USD 7,044

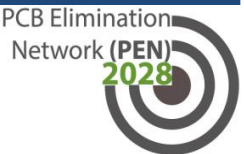
- No contributions received between 2013 and 2015
- Functioning of the PEN depends on in-kind contributions
- Workplan (2014-2017) revised to reflect limited finances (USD 457,650)



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5th Meeting of the Advisory Committee of the PEN

The 5th meeting of the Advisory Committee of the PEN was held in Geneva, Switzerland, on 26-27 November 2014. Meeting report contained in [UNEP/POPS/COP.7/10](#).



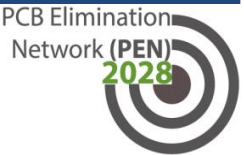
The meeting served as an opportunity to:

- provide updates on activities undertaken by the Thematic Groups, UNEP Chemicals Branch, BRS Secretariat and UNIDO;
- review and revise the workplan and budget;
- discuss and endorse the report 'Preliminary Assessment of Efforts Made toward the Elimination of PCB' (UNEP/POPS/COP.7/9);
- adopt a set of conclusions and recommendations.





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Conclusions and Recommendations Adopted by the Advisory Committee

Among others, the Advisory Committee **concluded** the following:

- **Production of PCB** was ongoing as of 2006; and
- There is a lack of sufficient funding and enforcement capacities, and an inefficient use of available **human and financial resources**.

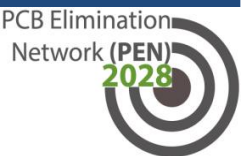
Among others, the Advisory Committee **recommended** the following:

- Evaluate whether PCB are still being produced and, if so, take all possible steps to **phase out** such production;
- Amend the NIP guidance to address **open applications**;
- Develop and adopt a **standardized methodology** for inventories;
- Improve quality and coverage of PCB **inventories**; and
- Provide better **targeted assistance** and substantial additional **funding to reach 2025/2028 goals**.

The full version is available as UNEP/POPS/COP.7/8.



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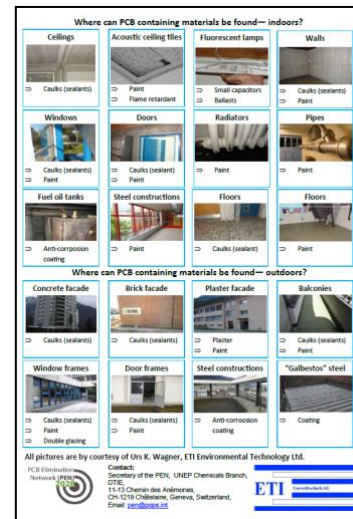
Activities by Thematic Group on Open Applications

The Thematic Group developed:

- ‘Factsheet on Open Applications: Machinery and Installations’
- ‘Factsheet on Open Applications: Residential and Public Buildings’
- ‘Photo Booklet on Open Applications: Identification and Environmentally Sound Management’

The documents are available at:

<http://chm.pops.int/Implementation/PCBs/DocumentsPublications/tabid/665/Default.aspx>



PCB — Open Applications: Identification and ES^M 11

PCB in anti-corrosion coatings — power plants and pipelines

From 1947 to the end of the 1970s, PCB were used as plasticisers in a variety of adhesives. Chlorinated rubber paints were primarily used in anti-corrosion coatings. Products containing PCB were used not only in priming coats but also in middle and top coats.

Applications: Natural gas pipelines, oil pipelines, high pressure water pipelines, turbines, motors, weirs, sluice gates, bridges, steel supports, steel structures, oil tanks, gas tanks, water storage tanks, transformers, machines and devices etc.

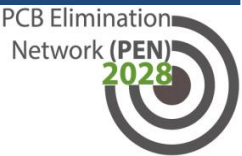
Objects: Industrial plants, power plants, nuclear power plants, waste water treatment plants, dam lakes, mines, military bases etc.

No immediate risk: ⇒ Objects built after 1985
Potential risk: ⇒ Interior: material in good condition, but high PCB content may cause indoor air pollution ⇒ Exterior: material in good and poor condition may cause depletion into soils and waters
High risk: ⇒ Coating in fire (formation of dibenzo-p-dioxins and dibenzofurans) ⇒ Flaking coating accessible to public ⇒ Inexpert removal and inappropriate disposal

July 2014 PCB Elimination Network



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Activities by Thematic Group on Inventories

The Thematic Group developed :

- the **‘PCB Inventory Guidance’**, a guide on how to set up or update a comprehensive PCB inventory through a step-by-step approach
- Developed a **‘Factsheet on Information Requirements’**
- Participated in the **‘Regional Workshop on Capacity Strengthening and Information Exchange on PCB Management’**; and
- Participated in the establishment and management of a regional information exchange platform on PCB, entitled **‘PCB Elimination Action in Asia-Pacific’** (<http://pcbs.bcrc.cn>)

Products and articles consisting of or containing greater than 0.005% PCB

- Ballasts	- Oil	- Tanks and tankers
- Buildings cables	- Plastics	- Transformers
- Capacitors	- Potheads	- Cable sheaths
- Circuit breakers	- Solvents stored	- Cured caulk
- Compressors	- Diffusion pumps	- Painted objects
- Motors		- Others

Report on progress in eliminating PCB pursuant to Annex A, part II paragraph (g) of the Stockholm Convention

Information Requirements

PCB Elimination Network

According to Annex A part II of the Stockholm Convention, Parties to the Convention are requested to eliminate equipment and oils containing PCB from use by 2025 and bring these under environmentally sound management by 2028.

Article 15 of the Convention requires each Party to the Convention to report to the Conference of the Parties on the measures it has taken to implement the provisions of the Convention and on the effectiveness of such measures in meeting the objectives of the Convention.

Paragraph (g) of part II of Annex A: Provide a report every five years on progress in eliminating polychlorinated biphenyls and submit it to the Conference of the Parties pursuant to Article 15.

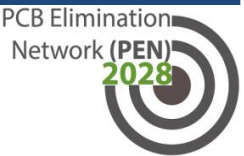
For more information please contact:
Secretariat of the PCB Elimination Action in Asia-Pacific
UNEP Global Environment Programme
23-15, Chiyori-cho, Nakagyo-ku
Ch-1228 Chiyori-cho 15-1, Switzerland
Tel: +41 (0)22 861 8201; Fax: +41 (0)22 791 3400
E-mail: pen@unep.org
Web: www.unep.org/pen

The documents are available at:

<http://chm.pops.int/Implementation/PCBs/DocumentsPublications/tabid/665/Default.aspx>



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Activities by Thematic Group on Maintenance, Handling and Interim Storage

The Thematic Group developed a '**Guidance on Maintenance, Handling, and Interim Storage of Equipment Containing PCB**':

- A guide on how to ensure the environmentally sound management of equipment and oils containing PCB
- Contains technical guidelines, procedures and practical recommendations

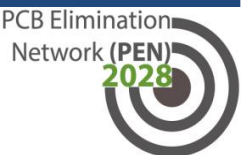
The Thematic Group organised a Spanish-language **webinar to train those involved in the management of PCB in the use of existing guidance documents**. The webinar was well received and enjoyed a high participation.

The documents are available at:

<http://chm.pops.int/Implementation/PCBs/DocumentsPublications/tabid/665/Default.aspx>



PCB- and PEN-related Activities of UNEP Chemicals Branch

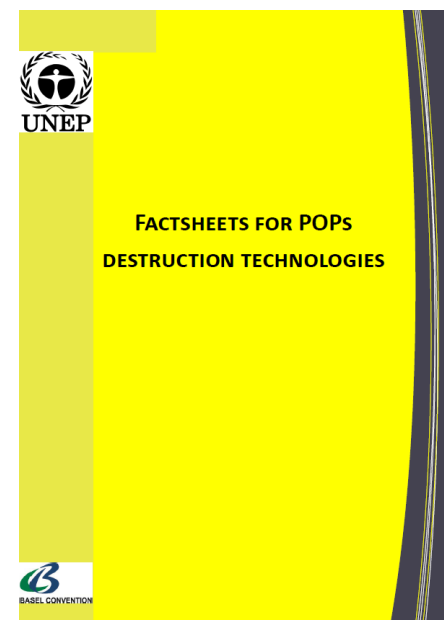


In its function as the secretariat of the PEN:

- Coordinated and facilitated the activities of the Thematic Groups
- Participated in webinars
- Organised the 5th meeting of the PEN Advisory Committee
- Managed the PEN groups on POPs Social

Other activities on PCB:

- Implements four PCB-related **GEF projects**
- Coordinated the **2nd Bi-ennial Global Interlaboratory Assessment**
- Assisted in the updating of the **factsheets on POPs destruction technologies**
- Prepared the '**Preliminary Assessment of Efforts Made Toward the Elimination of PCB**'





Thank you for your attention!

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