



Stockholm Convention on Persistent Organic Pollutants

**Conference of the Parties to the Stockholm
Convention on Persistent Organic Pollutants
Sixth meeting**

Geneva, 28 April–10 May 2013

Item 5 (b) of the provisional agenda*

**Matters related to the implementation of the Convention:
measures to reduce or eliminate releases from
unintentional production**

Updated joint Toolkit and best available techniques and best environmental practices expert roster

Note by the Secretariat

1. As referred to in document UNEP/POPS/COP.6/12, the Secretariat invited parties and others to nominate experts with specific expertise in best available techniques and best environmental practices to the joint Toolkit and best available techniques and best environmental practices expert roster.
2. In response to the invitation:
 - (a) Austria, Cambodia, China, Colombia, Gabon, Haiti, Honduras, Japan, Sao Tome and Principe, Slovakia, Sweden, the International Persistent Organic Pollutants Elimination Network and the World Chlorine Council nominated experts to the joint expert roster;
 - (b) Austria, Cameroon, China, France, Germany, Japan, and the International Persistent Organic Pollutants Elimination Network confirmed the availability of the previously nominated experts;
 - (c) Denmark, Sweden, the United Kingdom of Great Britain and Northern Ireland and the European Commission withdrew previously nominated experts from the roster.
3. The updated expert roster, as at 1 December 2012, is set out, without formal editing, in the annex to the present note.

* UNEP/POPS/COP.6/1.

Annex

Experts nominated by parties and others to be consulted in the process of further development of the Toolkit and the Guidelines on best available techniques and provisional guidance on best environmental practices

National experts indicated by countries to be consulted, as appropriate, pursuant to paragraph 4 of decision SC-2/5 and paragraph 4 of decision SC-5/12

Africa

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------|---|--|--|---|
| 1. | Burkina Faso | P | Mr. Tidjani Zougouri | Head of water quality laboratory, Ministry of environment | MSc Industrial chemistry and environment | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use |
| 2. | Burundi | P | Mr. Jerome Karimumuryango | CV not yet received | | |
| 3. | | | Mrs. Gabriel Hakizimana | CV not yet received | | |
| 4. | Cameroon | P | Mr. Lemnuy Albin William Banye (nomination reconfirmed in 2011) | Department of Standards and Control, Ministry of Environment and Nature protection | MSc Agro-industrial science BSc Chemistry | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use PCDD/F sampling and analysis programme |
| 5. | Congo | P | Mr. Eugene Loubaki | Director of Department of Regulation and Control General Directorate of Industry | MSc. Chemistry PhD Applied Chemistry | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use |
| 6. | Gabon | P | Mr. Hubert Binga (nominated on 29 December 2011) | Deputy Director of the National Anti-Pollution Center, Ministry of Environment and Nature Protection | Dr Geography and land management Environmental evaluation | BAT & BEP Activities on POPs, NIP, pesticides, pollution control, RC CRC member EIA (oil exploration) |
| 7. | Kenya | P | Mrs. Rachel Kamande | Programmes coordinator ILIMA-KENYA NGO | BSc Economics & Sociology | Activities on POPs and PCDD/F, EF open burning, combustion |
| 8. | | | Mr. Charles Wakhu Mirikau | Chemistry Department University of Nairobi | BSc Chemistry MSc Environmental chemistry | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use |
| 9. | Liberia | P | Mr. Neing-Ehn Kekulah | Professor. Environmental Protection Agency of Liberia | BSc Chemistry MSc Physical chemistry | Activities on POPs, POPs - NIP consultant |
| 10. | Madagascar | P | Mr. Alfredo Scheller Tsaramody | | MSc Industrial and Environmental engineering | Activities on POPs and PCDD/F, involved in NIP |
| 11. | Mali | P | Mr. Traore Halimatou Kone | Head of Quality Control Service Central Veterinary Laboratory | Dr veterinary | Pesticide residues, food safety |

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|-----------------------|---------------|--|--|---|--|
| 12. | Mauritius | P | Mr. Gunshiam Umrit | Technical officer, Agricultural Chemistry Department Mauritius Sugar Industry Research Institute | BSc Agriculture MSc Agriculture | Agriculture, pesticide chemistry |
| 13. | | | Mr. Nee Sun Chong Kwet Yive | Senior lecturer at the University of Mauritius | MSc Chemistry PhD Chemistry | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Global PTS assessment, NIP |
| 14. | | | Mrs. Romeela Mohee | Associate Professor, Faculty of Engineering University of Mauritius | MSc Environmental engineering PhD Composting | Activities on POPs, NIP elaboration, waste management |
| 15. | Morocco | P | Mr. Youssef Bennouna | Independent consultant Environmental analysis, EIA, risk assessment, industrial audits | BSc Mathematics MSc Industrial processes and environment | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use POPs NIP, National POPs/ PCDDF expert |
| 16. | Senegal | P | Mr. Papa Sam Gueye | Responsible for quality assurance at the Sahel Centre for Ecotoxicological Research. CERES-Locustox Environmental Chemistry unit and Biology Unit | MSc Agronomy | Agronomy, obsolete pesticides, |
| 17. | | | Mrs. Diopè Rokhaya Ndiaye | Environmental expert, Directory of Environment | MSc Natural Sciences | Activities on POPs POPs NIP consultant, chemical management |
| 18. | Sao Tome and Principe | P | Ms. Sulisa Signo Bom Jesus Quaresma (nominated on 24 November 2011) | Direction of Conservation, Sanitation and Environmental Quality | BSc Chemical engineering MSc Chemical engineering | Toolkit POPs activities BAT & BEP, industrial pollution control, process management and operations, bio fuel production, EIA |
| 19. | South Africa | P | Mr. Hindrik Bouwman | Professor in School of Environmental Sciences and Development | BSc zoology and biochemistry MSc Chemistry, toxicology | Emission inventories (PCDD/F), measurements (general), activities on POPs and PCDD/F, Toolkit use National POPs expert |
| 20. | Zambia | P | Mr. Kwenga Shilongo | Lecturer, Department of Chemistry University of Zambia | BSc Chemistry MSc and PhD Analytical chemistry | Emission inventories (PCDD/F), measurements (general), activities on POPs and PCDD/F, Toolkit use Analytical chemistry |
| 21. | | | Mr. George Mwiya Mukosiku | Chief Inspector-Occupational Hygiene, Occupational Safety and health Services Department | BSc biochemistry | Occupational hygiene |

National experts indicated by countries to be consulted, as appropriate, pursuant to paragraph 4 of decision SC-2/5 and paragraph 4 of decision SC-5/12

Asia and the Pacific

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|-------------------|---------------|--|---|--|---|
| 22. | Bangladesh | P | Mr. Khandaker Rashedul Haque | Additional Secretary and Director General DOE | MSc in English and literature, PhD | Project development |
| 23. | Brunei-Darussalam | NP | Mr. Ibrahim Haji Abdul Rahman | Deputy Dean, Science Faculty University Brunei Darussalam | MSc in Steroid endocrinology, PhD in food science | Emission inventories (PCDD/F), Toolkit use |
| 24. | | | Mr. Lim Lee Hoon | Lecturer, Science Faculty Department of Chemistry University Brunei Darussalam | MSc and PhD in analytical and environmental chemistry | Emission inventories (PCDD/F), activities on POPs, Toolkit use, PAH pollution |
| 25. | Cambodia | P | Mr. Phet Pichhara (nominated on 14 February 2012) | Chief of Office of Technology Research and Environmental Management, MoE NFP for the Stockholm Convention | | Toolkit BAT&BEP Activities on POPs, Toolkit use |
| 26. | China | P | Mr. Minghui Zheng (nomination reconfirmed on 9 January 2012) | Professor, Associate Director, State Key laboratory on Environmental Chemistry and Ecotoxicology, Research Center for Eco-environmental Sciences Chinese Academy of Science | MSc PhD The mechanisms of formation and degradation of PCDD/F | Toolkit Emission inventories (PCDD/F), measurements/emission factors (PCDD/F), activities on POPs and PCDD/F, Toolkit use, his work is quoted in the Toolkit Extended expertise in PCDD/F issues BAT & BEP, organohalogens (generation, prevention & degradation) waste incineration POPs sampling and analysis |
| 27. | | | Mr. Gang Yu (nominated on 9 January 2012) | Dean of Department of Environmental Sciences & Engineering, Tsinghua University | BSc in Organic chemistry MSc and PhD in Environmental chemistry | Toolkit Emission inventories (PCDD/F), measurements/emission factors (PCDD/F) BAT&BEP Expert Group Co-chair, unintentional POPs release reduction & control POPs activities, POPs removal technologies (dechlorination, soil remediation, PCBs), chlorinated aromatic hydrocarbons fate & transport. |
| 28. | Iraq | NP | Mr. Mahmood Mahdi Barbooti Dhafer | Chief Scientific Researcher Environmental Analysis Dep. Ministry of Environ. of Iraq | MSc and PhD in analytical chemistry | Expert in analytical chemistry |
| 29. | | | Mr. Ehsan Abed Jassem | Head of safety section Petroleum R&D Center | MSc inorganic chemistry PhD organic chemistry | Organic synthesis |

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------|--|--|--|---|
| 30. | | | Mr. Isam Hadi Hashim | Senior Chief chemist | BSc in science/chemistry | Organic chemistry |
| 31. | Japan | P, OECD | Mr. Yasuhiro Hirai (nomination reconfirmed on 30 November 2011) | Associate professor, Environment Preservation Centre, Kyoto University | PhD Environmental Engineering | Toolkit Emission inventories (general, PCDD/F), measurements/emission factors (general, PCDD/F), activities on POPs and PCDD/F BAT & BEP, PBDE sampling and analysis, LCA (recycling, waste), POPs analysis (recycled articles), environmental fate modelling, intake fraction (PCDD/F, PCB) |
| 32. | | | Mr. Shinichi Sakai (nominated on 30 November 2011) | Director and Professor, Environmental Preservation Research Centre, Kyoto University | MSc Environmental & Sanitary Eng. PhD Environmental & Sanitary Eng. | Toolkit, Emission inventories (general, PCDD/F), measurements/emission factors (PCDD/F, HCB, PCB, PeCB) BAT & BEP, PCDD/F control guidelines, PBDE measurements and inventories, pollution control research (PTS, POPs chemical degradation, POPs behaviour in incineration) Waste management/elimination (LCA, stabilization tech., incineration), material cycles, 3R & waste management policies, recycling (chemicals in articles), e-waste (EIA, recycling) |
| 33. | Jordan | P | Mr. Ziad Mahmoud Abu-Kadourah | POPs NIP coordinator Ministry of Environment | MSc Mineral processing eng. PhD Environmental Eng. | Activities on POPs and PCDD/F, Chemicals and waste management |
| 34. | | | Mr. Izzat Ahmad Abu-Humra | Head of EIA studies section, Ministry of Environment | BSc Environmental Engineering | Emission inventories (PCDD/F), Toolkit use E IA, waste management, ODS |
| 35. | Lebanon | P | Mr. Hanna Mansour Boub Habib | Chief, Service of Prevention from Technological Impacts and Natural Disasters, DG Environment, Ministry of Environment | MSc Organic chemistry PhD Chemistry of heterocyclic compounds | Activities on POPs and PCDD/F Co-ordinates implementation of Stockholm Convention in Lebanon |
| 36. | Mongolia | P | Mrs. Jargalsaikhan Lkhasuren | EIA expert in the Department of Environment and Natural Resources, Ministry of Nature and Environment. National Secretary of Stockholm Convention | MSc Chemistry PhD Chemistry | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use |
| 37. | Oman | P | Mr. Ibrahim Wadwadi | Environmental Inspector, ministry of Regional Municipalities, Environment and Water Resources | BSc in Science | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use |

UNEP/POPS/COP.6/INF/8

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------|---------------------------------------|---|---|---|
| 38. | Philippines | P | Mrs. Jundy Tigley del Socorro | Science Research Specialist II Department of Environment and Natural Resources Air Quality Management section | MSc Environmental engineering | Emission inventories (PCDD/F), measurements, (general), activities on POPs and PCDD/F, Toolkit use |
| 39. | Pakistan | P | Mr. Zaigham Abbas | Ministry of Environment Govt. Of Pakistan; technical officer (chemicals) | MSc. Chemistry, environmental science | Policy and regulatory issues related to chemicals including POPs; international treaties |
| 40. | | | Mr. S. Z. A. Gillani | UNDP; national Project manager, POPs enabling activity | MSc. Industrial engineering and management | Activities on POPs, NIP for Pakistan |
| 41. | Syria | P | Mr. Marvan Dimashki | | MSc Environmental pollution control PhD Chemistry-PAH | Emission inventories (PCDD/F), measurements (general), activities on POPs and PCDD/F, Toolkit use translated the Toolkit into Arabic |
| 42. | Thailand | P | Mrs. Chalengkwan Tangbanluekal | Assistant Professor, Division of Toxicology Department of Pathology, Faculty of Medicine, Mahidol University | BSc Chemistry and biology MSc Forensic science PhD Toxicology | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Involved in POPs NIP as national expert on unintentional POPs, toxicology, risk assessment |
| 43. | Yemen | P | Mr. Salem Abdulla Mohammed Baquhaizel | Director general Environmental Monitoring and Assessment, Environment Protection Authority | BSc in Chemistry | Emission inventories (PCDD/F), Activities on POPs, Toolkit use, POPs NIP coordinator, Chemical management |
| 44. | | | Mr. Abdullah Awad Ba-Issa | Professor, Analytical Chemistry and Environmental Pollution Chemical Department Faculty of Science, Sana University | MSc Analytical chemistry PhD Analytical chemistry | Expert in analytical chemistry |
| 45. | | | Mr. Ali Abdullah Al-Dobhani | Director of Toxic & Hazardous Waste Unit Environment Protection authority | BSc Agricultural engineering | Emission inventories (PCDD/F), Activities on POPs, Toolkit use Waste management, Basel Convention Coordinator |

National experts indicated by countries to be consulted, as appropriate, pursuant to paragraph 4 of decision SC-2/5 and paragraph 4 of decision SC-5/12

Central and Eastern Europe

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|-----------------|----------------|-------------------------|---|---|---|
| 46. | Estonia | P, EU, OECD | Mr. Roots Ott, | Director-Chief Scientist Estonian Environment Research Institute | MSc Chemical technology PhD Organic chemistry and hydrobiology | Measurements/emission factors (general, PCDD/F), activities on POPs and PCDD/F |
| 47. | Belarus | P | Mr. Sergej Kakareka | Leading Researcher, Institute for the Problematic of Use of Natural Resources and Ecology of the National Academy of Science, Belarus | MSc Geography PhD Physical geography DrSc Geophysics and geochemistry | Emission inventories (general, PCDD/F), measurements/emission factors (general, PAH), activities on POPs and PCDD/F, Toolkit use Expertise in developing EFs |
| 48. | | | Mr. Tamara Kukharchyk | Leading Researcher, Institute for the Problematic of Use of Natural Resources and Ecology of the National Academy of Science, Belarus | MSc Geography PhD Environment protection and rational use of natural resources | Emission inventories, activities on POPs, PCBs inventory |
| 49. | Macedonia (FYR) | P | Mr. Trajce Stafilov | Professor, Faculty of Science, Department of Chemistry Sts. Cyril and Methodius University Skopje | BSc. Chemistry MSc. Chemistry PhD Inorganic chemistry (rare metals) | Activities on POPs, involved in POPs NIP, expert in industrial, environmental and toxicological chemistry |
| 50. | Serbia | P | Mr. Aleksander Jovovic | Assistant Professor at the Belgrad University, Faculty of Mechanical Engineering Department of Process Engineering | MSc Mechanical engineering - waste treatment PhD Technical science- Influence of waste treatment on formation of toxic organic micro pollutants | Emission inventories (PCDD/F), measurements/emission factors (general), activities on POPs and PCDD/F, Toolkit use Environmental technologies |
| 51. | Slovakia | P, EU, OECD | Ms. Stanislava Nebusova | Air quality department- Inventory of emissions Slovak Hydrometeorological Institute | MSc. Environmental and manufacturing technology | Emission inventories, including POPs |
| 52. | | | Mr. Ladislav Klacansky | Chemical factory Novacke Chemicke Zavody; Attorney for environmental management system | MSc. Chemical technology | Chemical technology of plastics, environment protection, environmental management |
| 53. | | | Ms. Viera Feckova | Slovak Cleaner Production Center, director | MSc. Chemical technology PhD. Organic technology | BAT& BEP, Chemical risk assessment, activities on POPs, NIP |
| 54. | | | Ms. Vladimira Bilaska | Comenius University, Molecular biology and genetics | MSc. Molecular biology PhD. Molecular biology | Environmental protection and toxicology, biodegradation and biodecontamination |

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------|---|--|---|---|
| 55. | | | Ms. Blanka Kapustova (nominated on 6 December 2011) | IPCC expert Slovak Environmental Agency | MSc. Engineering PhD Environmental management (LCA) | Emission inventories and measurements (general) BAT & BEP, IPPC BAT, waste management, industrial emissions, LCA (resources management, waste management), data management, environmental information systems & national reporting (IPPC, PRTR, EIA), assessment of pollution control regulations |

National experts indicated by countries to be consulted, as appropriate, pursuant to paragraph 4 of decision SC-2/5 and paragraph 4 of decision SC-5/12

Latin America and the Caribbean

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|------------------|---------------|---------------------------------------|---|--|--|
| 56. | Antigua& Barbuda | P | Mr. Malverne P. Spencer | Director of Analytical Services Government Chemical Laboratory | BSc Chemistry MSc Forensic science PhD Chemistry | Activities on POPs, involved in the POPs NIP work Expert in analytical chemistry |
| 57. | Argentina | P | Mr. Luis Alberto Tournier | Scientific and technical advisor to the National Directory for Environmental Management, Secretary of Environment and Sustainable Development | BSc Occupational hygiene and safety MSc Natural science, chemical engineering | Emission inventories (PCDD/F), measurements/emission factors, activities on POPs and PCDD/F, Toolkit use Industrial pollution |
| 58. | Brazil | P | Ms. Maria Gricia de Lourdes Grossi | Manager of the Secretary of Environmental Quality, Ministry of Environment | MSc Chemistry PhD Chemistry- Composting/HMs and POPs residues | Measurements/emission factors (general), activities on POPs and PCDD/F Expertise in POPs contamination related to waste management and composting |
| 59. | | | Ms. Ewelín Canizares | FEPAM-State Foundation of Environmental Protection | BSc Technological chemistry MSc Organic Chemistry | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Risk assessment |
| 60. | | | Mr. João de Assunção | Head of Department / Professor Dr, Department of Environmental Health University of Sao Paulo | | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Risk assessment |
| 61. | Colombia | P | Mr. Andrea Lopez Arias | Senior specialist, Directory of Sustainable Development, Chemical Substances and Hazardous Residues Ministry of Environment, Nature and Territorial Development | MSc Integrated environmental management | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Coordination of the PCDD/F inventory, involved in POPs NIP, expertise in hazardous wastes |
| 62. | | | Ms. Consuelo Montes Correa | Director of _Control , Faculty of Engineering, University of Antioquia | MSc Chemical engineering PhD Chemical Eng. | Activities on POPs and PCDD/F, Petrochemistry, catalytic reactions, |
| 63. | | | Ms. Helver Reyes Lozano | Advisor, Directory of Sustainable Development. Ministry of Environment, Nature and Territorial Development | MSc Environmental engineering | Activities on POPs and PCDD/F, legal regulatory documents on hazardous releases |

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------|---|--|---|---|
| 64. | | | Ms. Sandra Reina Gómez (nominated on 12 December 2011) | Advisor, Ministry of Environment and Sustainable Development | Chemical engineering Management of natural resources and pollution control | Toolkit BAT & BEP ESM of POPs, waste thermal treatment, incineration processes, emissions control Pollution-control policies, regulations and implementation |
| 65. | Costa Rica | P | Ms. Floria Roa Gutierrez | Professor, School of Chemistry, Technology Institute of Costa Rica | MSc Chemistry PhD Chemistry | Analytical chemistry, management of hazardous chemicals |
| 66. | | | Ms. Anna M. Ortiz Salazar | Environmental consultant | BSc Agronomy | NIP coordinator, Coordinator of PCBs inventory and phase-out plan, Hazardous waste management, |
| 67. | | | Mr. Jaime F. Quesada Kimzey | Professor and researcher, School of Chemistry, Technology Institute of Costa Rica | MSc Inorganic and industrial chemistry PhD Atmospheric chemistry | Alternative waste management techniques atmospheric chemistry, alternative energy sources, |
| 68. | Cuba | P | Mr. Mario Abo Balanza | Director, Centre for Environmental Information Management and Education Ministry of Science, Technology and Environment | MSc Chemistry- environmental sanitation | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Industrial pollution prevention, hazardous waste, chemical management POPs-NIP Consultant for other countries in the region |
| 69. | Ecuador | P | Ms. Maria de Lourdes Maya | Environment quality expert, Sub-secretary on Environment Management, Ministry of the Environment | BSc Chemistry and pharmacy MSc management of natural resources | Activities on POPs, chemical management |
| 70. | Haiti | NP | Mr. Michel Alain Louis | Environmental Consultant Ministry of Environment | BSc Agronomy Dr-Vet microbiology | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use NIP coordinator |
| 71. | | | Mr. Jean Claude Carre (nominated on 10 December 2011) | Advisor, Responsible for Chemical Pollution Monitoring, IFCS Focal Point, Environment Ministry/Environment Health | BSc Chemistry Dr Organic and industrial chemistry | Toolkit BAT & BEP POPs activities, pollution monitoring (hazardous chemicals and waste), waste management Industrial chemistry, laboratory quality A&C |
| 72. | Honduras | P | Ms. Danelia Sabillon Rodriguez | Associated professor Catholic University Nuestra Senora Reina de la Paz Environmental engineering Processes and operations | MSc Industrial chemistry PhD Environmental science | Measurements/emission factors (VOC), activities on POPs RBA-PTS assessment |
| 73. | | | Mr. Alex Edgardo Padilla | Advisor to the directory, Centre of Research and Control of Contaminants | Dr-Med MSc Medical science, environmental science and biomedicine | Epidemiology, toxicology |
| 74. | | | Mr. Edgar Johan Aguilar | Analytical chemist, Unit of Atmospheric Contamination Centre of Research and Control of Contaminants | Industrial chemistry Engineer | |

| <i>No</i> | <i>Country</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------------|---------------|--|---|--|---|
| 75. | | | Ms. Mirtha Ferrary | Research coordinator, Centre of Research and Control of Contaminants | MSc Pharmaceutical chemistry PhD Environmental sciences | POPs activities, analytical expert, analysis of pesticide residues |
| 76. | | | Ms. Ana Gabriela Ramirez Salgado (nominated on 8 December 2011) | Environmental analyst and Coordinator, Chemicals Management Department, Centre of Research and Control of Contaminants | MSc Management and environmental auditing Dr Chemistry and pharmacy | Toolkit BAT&BEP PCB inventories, activities on POPs, chemicals in products, PRTR, analytical chemistry, waste water treatment, testing and calibration lab standards, contaminated site auditing |
| 77. | Mexico | P, OECD | Ms. Beatriz Cardenas Gonzales | Director of Experimental Research of Atmospheric Pollution, National Center for Environmental Research, National Ecology Institute | BSc Industrial biochemistry MSc environmental engineering PhD Environmental engineering | Measurements (general), activities on POPs, Ambient air pollution |
| 78. | Uruguay | P | Ms. Marisol Mallo | Advisor, National Directory of Environment, Ministry of Nature, Spatial Planning and Environment | BSc Chemistry MSc Chemistry | Activities on POPs Waste management, industrial pollution, POPs NIP |
| 79. | | | Ms. Veronica Gonzalves | POPs NIP project unit, National Directory of Environment, Ministry of Nature, Spatial Planning and Environment | BSc Chemistry MSc Environmental sciences | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Cooperation on the POPs NIP, industrial pollution |
| 80. | Trinidad & Tobago | P | Mr. Wayne Simon Rajkumar | Assistant manager-Water/waste/GIS Department of Environmental Resource Management Environmental Management Authority | MSc Chemistry | Activities on POPs Waste and water quality management, industrial pollution, RBA-PTS assessment |

National experts indicated by countries to be consulted, as appropriate, pursuant to paragraph 4 of decision SC-2/5 and paragraph 4 of decision SC-5/12

Western Europe and other Governments

| <i>No</i> | <i>Country</i> | <i>Status¹</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------------------|---|---|---|---|
| 81. | Australia | P | Mr. Christopher Myles Clunies-Ross | Managing Director, Airlabs Pty Ltd | MSc Engineering PhD Chemical engineering-minimising dioxin emissions from medical waste incineration | Emission inventories (general, PCDD/F), measurements/emission factors (general PCDD/F), activities on POPs and PCDD/F PCDD/F research, industrial pollution prevention and control |
| 82. | | | Ms. Kirstin Zeise | Director and co-founder, Pacific Air& Environment Ltd | BSc Chemical engineering MSc Advanced inorganic chemistry | GHG inventories, air pollution industrial pollution prevention and control |
| 83. | | | Mr. Kelsey Bawden | Senior environmental engineer, Pacific Air& Environment Ltd. | BSc Environmental engineering | Emission inventories (general, PCDD/F), industrial pollution, fuel-related projects |
| 84. | Austria | P | Mr. Gerhard Tanner (nomination reconfirmed on 20 December 2011) | Chemist, Federal Environmental agency | Technical chemistry | Toolkit, PCDD/PCDF sampling and analysis, emission factors, inventories BAT & BEP Analytical chemistry, POPs monitoring, reporting |
| 85. | | | Ms. Susanna Eberhartinger-Tafill (nominated on 5 December 2011) | Federal Ministry of Agriculture, Forestry, Environment and Water Management | MSc Technical chemistry (Biochemistry and Food Chemistry) MBA | Toolkit Air emissions (general) BAT & BEP, environmental and chemicals policy, POPs, VOC, EIA (industrial installations) |
| 86. | Canada | P | Mr. Arun Chateterjee | Head, Data Quality Function National Pollutant Release Inventory, Science and Technology Branch, Environment Canada | BSc Chemical engineering MSc Chemical engineering-catalytic PCB destruction | Emission inventories (general, PCDD/F), measurements/emission factors (general), activities on POPs and PCDD/F Data quality management |
| 87. | | | Mr. David Niemi | Head, Emissions Inventory Reporting and Outreach CAC Pollution Data Division, Science and Technology Branch, Environment Canada | BSc Civil engineering Co-operative Studies Programme | Emission inventories (general, PCDD/F), measurements/emission factors (general PCDD/F), activities on POPs and PCDD/F, Inventory expert, industrial pollution prevention and control |
| | Denmark | P | Ms. Jytte Boll Illerup (withdrawal on 20 December 2011) | Senior scientist, Head of Section National Environmental Research Institute | MSc and PhD in Chemical engineering | Emission inventories (general, PCDD/F), measurements (general); International reporting on emission inventories |

¹ All WEOG countries are OECD members

| <i>No</i> | <i>Country</i> | <i>Status¹</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------------------|---|---|--|--|
| | European Union | P | Mr. Gunther Umlauf (withdrawal on 20 December 2011) | Research scientist at the Joint Research Centre of the European Commission, Ispra.) | MSc Eco-geology PhD Ecological chemistry and geochemistry | Emission inventories (general, PCDD/F), measurements/emission factors (general PCDD/F), activities on POPs and PCDD/F, Scientific support to EC for the EU PCDD/F inventory |
| 88. | France | P | Mr. Emanuel Fiani (nomination reconfirmed on 16 December 2011) | Expert, French Agency for Environment and Energy Management (ADEME) Air, noise pollution and energy efficiency division Industry and Agriculture Department | MSc Chemistry and chemical engineering PhD Industrial processes science | Toolkit Emission inventories (general, PCDD/F), measurements/emission factors (general PCDD/F), activities on POPs and PCDD/F, BAT&BEP TWG member, industrial pollution prevention and control, flue gas treatment (waste incineration), non-ferrous metal production, non-pesticide POPs |
| 89. | Germany | P | Ms. Ute Karl (nomination reconfirmed on 20 December 2011) | Professor, Group Manager, European Institute for Energy Research, Karlsruhe, Germany | MSc chemistry PhD Organo-metallic chemistry | Toolkit Activities on POPs and PCDD/F, inventories, emission factors, industrial pollution prevention and control, chemical management. BAT & BEP Environmental control technologies |
| 90. | Italy | P | Mr. Pasquale Spezzano | Resercher at ENEA, Italian National Agency for New Technologies Energy and the Environment | MSc Chemistry | Emission inventories (general, PCDD/F), measurements/emission factors (general PCDD/F), activities on POPs and PCDD/F, industrial pollution prevention and control |
| 91. | New Zealand | P | Mr. Alistair G.C. Bingham | Director, JCL Air& Environment Ltd. | BSc Chemistry PhD Chemistry | Measurements/emission factors (general PCDD/F), activities on POPs and PCDD/F, Broad experience with EF, industrial pollution prevention and control |
| 92. | New Zealand | P | Mr. Bruce W. L. Graham | Environmental Scientist Graham Environmental Consulting Ltd. | MSc Chemistry PhD Chemistry | Emission inventories (PCDD/F), activities on POPs and PCDD/F, Toolkit use Working as POPs –NIP consultant in the Pacific region |
| 93. | Norway | P | Ms. Christel Benestad | Senior adviser Norwegian pollution Control Authority | MSc Chemistry | Emission inventories (general, PCDD/F), measurements/emission factors (general), activities on POPs and PCDD/F Biomass combustion, industrial pollution prevention and control |

UNEP/POPS/COP.6/INF/8

| <i>No</i> | <i>Country</i> | <i>Status¹</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|----------------|---------------------------|---|---|---|---|
| 94. | Sweden | P | Ms. Stina Jansson (nominated on 20 December 2011) | | | Toolkit BAT & BEP |
| | | | Mr. Stellan Marklund (withdrawal on 20 December 2011) | Professor at the Department of Chemistry-Environmental Chemistry, Umea University | BSc Mathematics, chemistry PhD Environmental chemistry Associate professor Professor in environmental chemistry | Emission inventories (general, PCDD/F); measurements/emission factors (general PCDD/F); activities on POPs and PCDD/F; Extensive research experience on PCDD/F |
| | UK | P | Ms. Ngarize Sekai (withdrawal on 20 December 2011) | Higher scientific Officer, Department of Environment Food and Rural Affairs (DEFRA) London (International Division on Chemicals and Nanotechnologies) | BSc in food science PhD in food science | Technical aspects of the Stockholm Convention, coordinating the national activities on PCDD/F; Leading on the further development of the Toolkit within UK |

Experts indicated by NGOs to be consulted as requested in paragraph 4 of decision SC-2/5

| <i>No</i> | <i>NGO</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|--|---------------|---|--|--|---|
| 95. | International POPs Elimination Network | | Ms. Pat Costner (nomination reconfirmed on 2 December 2011) | Environmental consultant. Science advisor | BSc. Chemistry and mathematics MSc. Organic chemistry and Mathematics | Toolkit Emission inventories (PCDD/F), measurements/emission factors (POPs PCDD/F), activities on POPs and PCDD/F BAT & BEP, waste treatment technologies (hazardous waste incineration, hydrogenation, plasma arc, cement kilns) Fate and effects of POPs, hazardous waste, ESM (POPs waste), air quality |
| 96. | | | Mr. Jindrich Petrlik (nomination reconfirmed on 2 December 2011) | Chairman of Arnika Association, Director of the Toxics and Waste Programme | MSc. Geography; environment protection | Toolkit Emission inventories (PCDD/F), measurements/emission factors (POPs PCDD/F), activities on POPs and PCDD/F BAT & BEP, ESM (POPs waste), Toxic waste, POPs monitoring |
| 97. | | | Mr. Alan Watson (nominated on 2 December 2011) | Consultant | BSc Engineering C. Eng. Chartered Eng. | Toolkit, Emission inventories (PCDD/F), measurements/emission factors (POPs, PCDD/F) BAT & BEP, waste disposal & incineration, PCB disposal, unintentional PBDD/F, recycling impact (PBDE-contaminated articles), PBDE pollution, reservoirs and destruction GIS, industrial pollution, international chemical regulations & negotiations, climate change. |
| 98. | International Council of Chemical Associations | | Mr. Bill Carroll | Occidental Chemical Corporation Vice president, chlorovinyl issues | BSc. Chemistry and physics , mathematics MSc. Organic chemistry PhD. Organic chemistry | Policy issues, sustainable development, chemical industry, chloralkali industry chlorovinyl issues, PVC etc. |
| 99. | | | Mr. Michael Harris | Consultant, regulatory and environmental affairs; chemicals | BSc. Chemistry, physics MSc. Organic chem. PhD. Organic chemistry, molecular biology | Regulatory and policy issues, multi-lateral environmental agreements, CFCs, POPs, PTS |

UNEP/POPS/COP.6/INF/8

| <i>No</i> | <i>NGO</i> | <i>Status</i> | <i>Name of expert</i> | <i>Professional position</i> | <i>Main field of training</i> | <i>Areas of expertise relevant to the Toolkit</i> |
|-----------|------------------------|---------------|---|---|--------------------------------|--|
| 100. | World Chlorine Council | | Mr. Allan Jones (nominated on 6 December 2011) | Consultant, regulatory and environmental affairs | BSc Chemistry PhD Chemistry | Toolkit BAT & BEP, POPs activities, risk assessment, chemical process safety, chemical regulation, R&D, chloralkali industry |
| 101. | | | Mr. Dolf van Wijk (nominated on 6 December 2011) | Director, Sciences and Regulatory Affairs Euro Chlor | Biology, toxicology, PhD | Toolkit Emission inventories (general), measurement (general) BAT & BEP Toxicology, ecotoxicology, environmental chemistry, risk assessment |