

Summary conclusions for each OSPAR priority chemical on delivering OSPAR Strategy objectives for hazardous substances and the further efforts needed

Confidence: \*\*\* high: mainly (coordinated) monitoring; \*\* moderate: monitoring and qualitative information; \* low: mainly qualitative information. ? = lack of information

OSPAR priority (groups of) chemicals (Click here to go to full assessment report – publication 395/2009)		Are existing efforts expected to deliver the cessation target in 2020?	Are environmental concentrations above background/zero?	Is there evidence of pollution effects of one or combined substances?	What to do next?
Metals	Cadmium	No**	Some areas***	?	<ul style="list-style-type: none"> <li>Implement EU Water Framework Directive for heavy metals</li> <li>Improve technology to further reduce emissions e.g. in combustion processes</li> <li>Assess uses in products not yet regulated and the need for action</li> <li>Support development of global convention on mercury in UNEP framework</li> <li>Continue environmental monitoring</li> </ul>
	Lead, organic lead compounds	No**	Many areas***	?	
	Mercury, organic mercury compounds	No**	Many areas***	Yes**	
Organo-metals	Organic tin compounds	Group: No* TBT: Yes*	Many areas***	Yes***	<ul style="list-style-type: none"> <li>Complete implementation of IMO Convention on antifouling systems</li> <li>Implement EU Water Framework Directive for TBT</li> <li>Adopt measures as follow-up to EU risk assessment on organotins in consumer products</li> <li>Continue environmental monitoring</li> </ul>
Oragnohalogenes	Short-chain chlorinated paraffins	Yes*	Many areas**	?	<ul style="list-style-type: none"> <li>Support measures under the Stockholm POP Convention and the UNECE POP Protocol</li> </ul>
	PFOS	No*	Many areas**	?	<ul style="list-style-type: none"> <li>Implement recently adopted EU marketing and use measures</li> <li>Assess effectiveness of those measures to inform direction of further actions</li> <li>Support measures under the Stockholm POP Convention and the UNECE POP Protocol</li> <li>Continue environmental monitoring</li> </ul>
	Polychlorinated dibenzodioxins and dibenzofurans (PCDDs, PCDFs)	No**	Many areas**	Yes**	<ul style="list-style-type: none"> <li>Address remaining releases through EU Strategy on dioxins and PCBs</li> <li>Continue environmental monitoring</li> </ul>
	Polychlorinated biphenyls (PCBs)	No**	Many areas***	Yes**	<ul style="list-style-type: none"> <li>Address remaining releases (e.g. unintended production) within EU framework</li> </ul>
	Brominated flame retardants	Group: No* octaBDE, pentaBDE: Yes*	Many areas **	Yes**	<ul style="list-style-type: none"> <li>Implement EU Water Framework Directive for all brominated flame retardants</li> <li>Promote additional measures in the EU on DecaBDE and HBCD</li> <li>Implement Directive 2002/95/EU on the use of hazardous substances in electrical and electronic appliances</li> <li>Support measures under the Stockholm POP Convention and the UNECE POP Protocol</li> <li>Continue environmental monitoring</li> </ul>
	Tetrabromobisphenol-A	No*	Many areas**	?	<ul style="list-style-type: none"> <li>Support EU marketing and use measures under development</li> </ul>
	Trichlorobenzenes	No*	Some areas**	?	<ul style="list-style-type: none"> <li>Assess effectiveness of EU marketing and use measures to inform direction of further actions</li> <li>Implement EU Water Framework Directive for trichlorobenzenes</li> </ul>
Pesticides/biocides	Endosulfan	Yes*	Few areas*	?	<ul style="list-style-type: none"> <li>Support measures under the Stockholm POP Convention and the UNECE POP Protocol</li> </ul>
	HCH isomers (incl. lindane)	Yes*	Some areas**	?	<ul style="list-style-type: none"> <li>Continue environmental monitoring</li> </ul>
	Dicofol	Yes*	?	?	<ul style="list-style-type: none"> <li>Continue existing efforts</li> </ul>
	Methoxychlor	Yes*	?	?	<ul style="list-style-type: none"> <li>Continue existing efforts</li> </ul>
	Pentachlorophenol (PCP)	Yes*	?	?	<ul style="list-style-type: none"> <li>Continue existing efforts</li> </ul>
	Trifluralin	Yes*	Some areas*	?	<ul style="list-style-type: none"> <li>Continue existing efforts</li> </ul>
Phenols	2,4,6-tri- <i>tert</i> -butylphenol	?	Some areas*	?	<ul style="list-style-type: none"> <li>Collect and assess information to inform right direction of actions</li> </ul>
	Nonylphenol-ethoxylates	Yes*	Some areas*	?	<ul style="list-style-type: none"> <li>Continue existing efforts</li> </ul>
	Octylphenol	No*	Some areas*	?	<ul style="list-style-type: none"> <li>Assess whether measures for nonylphenol-ethoxylates will result in the cessation of octylphenol to inform right direction of actions</li> </ul>
Phthalates	dibutylphthalate (DBP), diethylhexyl-phthalate (DEHP)	No*	Some areas*	?	<ul style="list-style-type: none"> <li>Implement EU Water Framework Directive for DEHP</li> <li>Support marketing and use measures for DEHP in EU</li> <li>Collect and assess recent information on production, sales, import and export for DEHP and DBP to inform direction of actions</li> </ul>
Polycyclic aromatic	Polycyclic aromatic hydrocarbons (PAHs)	No*	Many areas***	Yes**	<ul style="list-style-type: none"> <li>Improve technology to further reduce emissions from combustion processes</li> <li>Fully implement Water Framework Directive obligations for PAHs</li> <li>Continue environmental monitoring</li> </ul>
Pharmaceuticals, personal care, and other substances	Clotrimazole	No*	Few areas*	?	<ul style="list-style-type: none"> <li>Implement the EU regulatory framework</li> <li>Assess effectiveness of measures by means of a one-off survey of effluents of waste water treatment plants to inform right direction of actions</li> </ul>
	Musk xylene	No*	?	?	<ul style="list-style-type: none"> <li>Assess effectiveness of EU marketing and use measures in development</li> <li>Assess outcome of the evaluation of the REACH Annex XV dossier</li> <li>Assess effectiveness of the outcome of the evaluation under the EQS Directive (under WFD) by means of a one-off survey of effluents of waste water treatment plants</li> </ul>
	4-(dimethylbutylamino) diphenylamine (6PPD)	?	?	?	<ul style="list-style-type: none"> <li>Collect and assess information to inform right direction of actions</li> </ul>
	Neodecanoic acid, ethenyl ether	?	?	?	<ul style="list-style-type: none"> <li>Finalise preparation of OSPAR background document with agreed actions</li> </ul>