

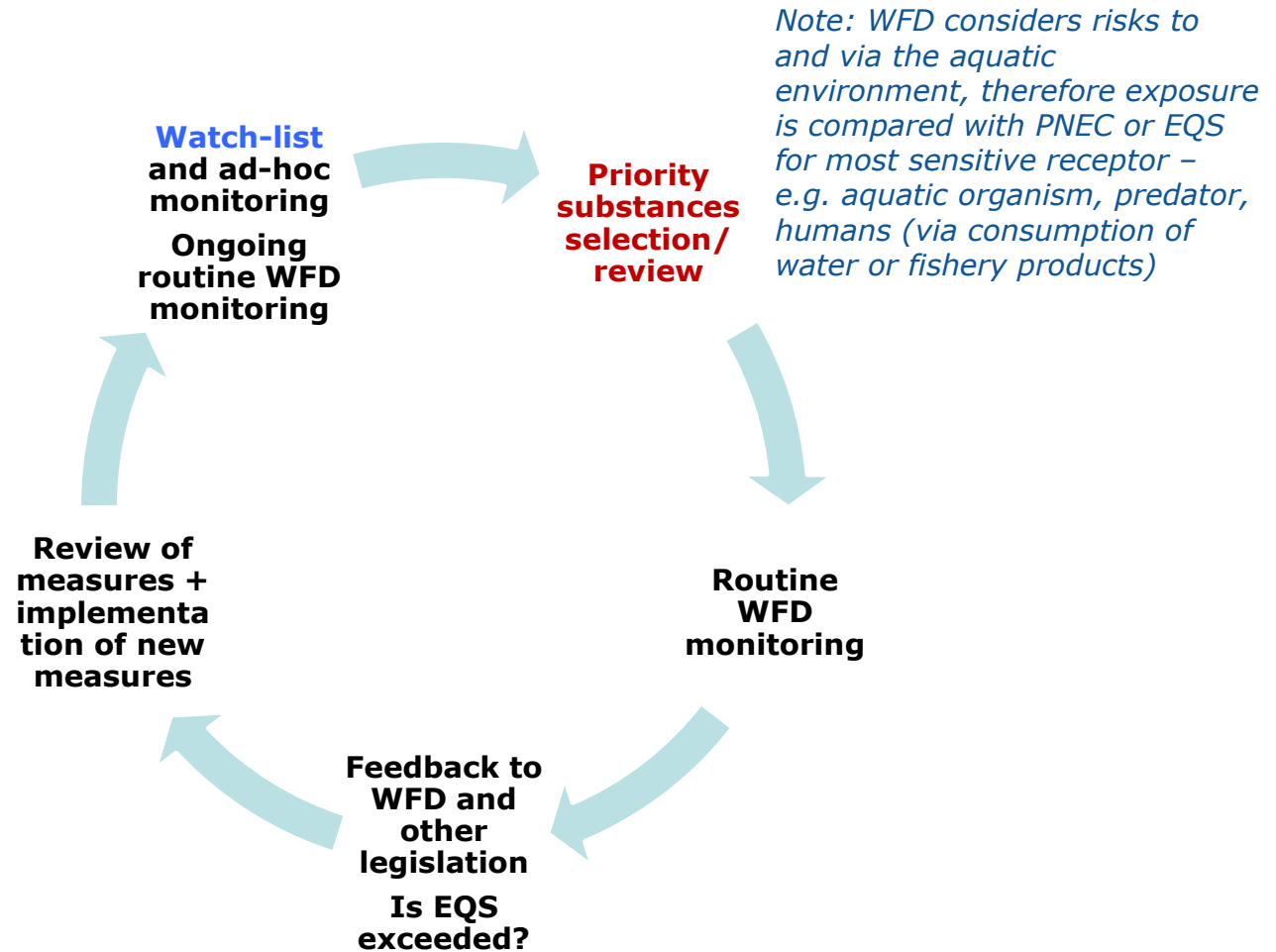


Emerging substances: Initiatives under the EU Water Framework Directive

**TAPES project final conference
September 2015, Brussels
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European Commission**

Contents

- Brief intro to WFD and emerging substances
- Recent and current initiatives
 - Review of the WFD Priority Substances List
 - Watch list – surface water, ground water
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The Watch List

- **Intended purpose:** To overcome Catch 22 – i.e. substances are not monitored if not regulated, but it is not possible to decide whether to regulate (as priority substances) if there is no monitoring data, therefore gather data on substances that *may* pose a significant risk to determine whether they *do* pose a significant risk.
- **Features:**
 - Up to 10 substances or groups of substances on first list (rising to 14 max in future)
 - First year of monitoring to begin Sept 2015;
 - List to be reviewed in 2 years' time;
 - Substances can remain on list for up to 4 years; earlier decision also possible to remove from list/consider under priority substances review.

Article 8c of EQS Directive - Legal basis for strategic approach

- Article 8c of Directive 2008/105/EC on Environmental Quality Standards in the field of water policy as amended by Directive 2013/39/EU.
 - COM to develop, as far as possible by Sept 2015, a strategic approach to pollution of water* by pharmaceutical substances.
 - * - will be broader, i.e. environment
 - COM to propose, where appropriate, by Sept 2017, measures to be taken at Union and/or MS level, to address the possible environmental impacts of pharmaceutical substances, with a view to reducing discharges, emissions and losses into the aquatic environment, taking into account public health needs and the cost-effectiveness** of the measures proposed.
 - ** = full impact assessment

Research projects

- **KNAPPE**
- **NORMAN**
- **PHARMAS**
- **Cytothreat**
- **PILLS**
- **No-PILLS**
- **TAPES**
- **Modelkey**
- **EDA-Emerge**
- **SOLUTIONS**
- **iPIE**

What of the future?

- **Detection/identification: effect-based tools?**
- **Risk assessment: mixture effects?**
- **Measures: From source control to end of pipe....**

References

EQS (Priority Substances) Directive: Directive 2013/39/EU, OJ L 226/1, 24.8.2013

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2013:226:0001:0017:EN:PDF>

Watch List: Commission Implementing Decision (EU) 2015/495, OJ L 78/40, 24.3.2015

<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32015D0495&rid=1>

(NB Error in ES version – units of detection limit should be ng/l)

IPChem: https://ipchem.jrc.ec.europa.eu/media/pdf/IPCHEM-Flyer_18.06.2014_final.pdf

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