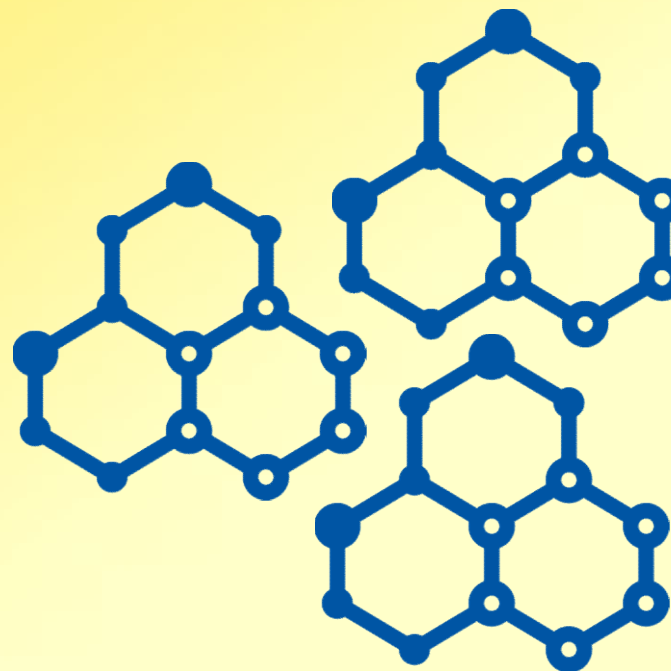


# Workshop on EUSES update needs

4-5 June 2018

EUSES Workshop Organisation  
Committee



# Priority setting criteria for ranking update needs

Anna Hadam



# Proposals for EUSES updates

- **number of topics (27 (+) options)**
- **different nature (scenarios, new chemical classes, new approaches)**

## **Prioritisation needed !**

- 1. time needed for implementation**
- 2. level of importance**



## Priority scores – time frames

Criteria:	
<b>Maturity</b>	<b>scientifically documented or further research needed?</b>
<b>IT tool</b>	<b>already implemented ?</b>
<b>Regulatory considerations</b>	<b>already agreed or not?</b>
<b>New data requirements</b>	<b>needed for the update or not?</b>

**Ready for implementing?**



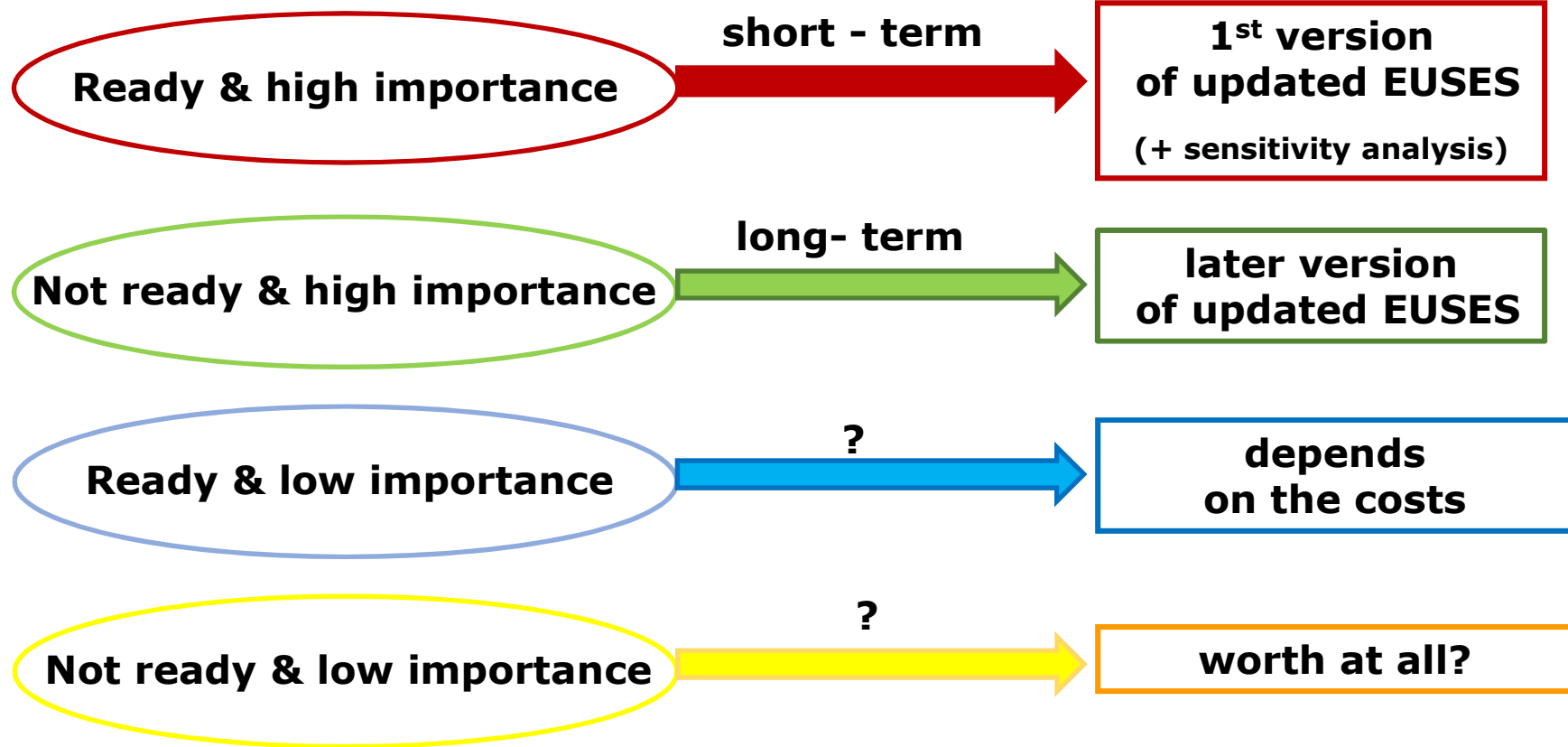
# Priority scores – level of importance

Criteria:	
Number (type of) of chemicals affected	all/some chemical classes?
Expected impact on exposure	low/high/what kind of?

**Important for implementation?**



# Total priority score



## Ready & high importance

No	Topic
1	QSARs for Koc, BCF (Topic 1 option 2)
2	Release estimation module update for both REACH and BPR (Topic 3)
3	Update of Simple Treat (Topic 6)
4	New concentration in soil for indirect release ( $PEC_{\text{soil, initial}}$ ) - BPR (Topic 12)
5	Depth-dependent concentration in soil (Topic 13)
6	Different $K_p(\text{susp})$ and $K_p(\text{sed})$ for seawater and freshwater (Topic 14 option 1)
7	Using PEC regional sediment in PEC local sediment calculation – REACH (Topic 15)
8	Man indirectly exposed via the environment (Topic 17)
9	Man via the environment: alternative model for crop exposure pathway (Topic 18)
10	Extended regional (and local) exposure model for metals ( Topic 22 option 1)
11	Consideration of natural background concentration for inorganics (Topic 24)
12	Parallel assessment (for multi-constituent substances and for substances transforming on use/ in STP) (Topic 25)

## Not ready & high importance

No	Topic
1	QSARs for Koc, BCF (Topic 1 option 3)
2	Overview of “release scenarios” and proposal to revisit the current approach for designing the release module (Topic 2) (but to be considered in the 1 <sup>st</sup> updated version)
3	Sewer removal/ (Bio)degradation (Topic 7)
4	Local soil deposition of gaseous substances (Topic 9)
5	Nested local scale model (Topic 16 option 1)
6	Secondary poisoning (terrestrial food chain) (Topic 19)
7	Nanomaterials (chemicals in solid state/ particulates) (Topic 20)
8	Extended regional (and local) exposure model for metals (Topic 22 option 2)
9	Bioavailability of metals (Topic 23)
10	Aggregate local exposure assessment – BPR (Topic 27)



## Ready & low importance

No	Topic
1	New release scenario „Direct releases to agricultural soil” (Topic 4)
2	New release scenario „Releases from reservoirs” (taking into account temporal release patterns) (Topic 5)
3	Enhancing the potential for site-specific assessment for the atmospheric compartment (Topic 8)
4	Episodic rain/ extremely soluble chemicals (Topic 10)
5	Assessment of photolytic degradation (Topic 11)

## Not ready & low importance and others

No	Topic
1	Different $K_p(\text{susp})$ and $K_p(\text{sed})$ for seawater and freshwater (Topic 14 option 2)
2	Nested local scale model (Topic 16 option 2)
3	Secondary poisoning (aquatic food chain) (Topic 19)
4	Release and fate of sparingly soluble chemicals (Topic 21)
5	Assessment of substance transforming in the environment (Topic 26)

Thank you!

