

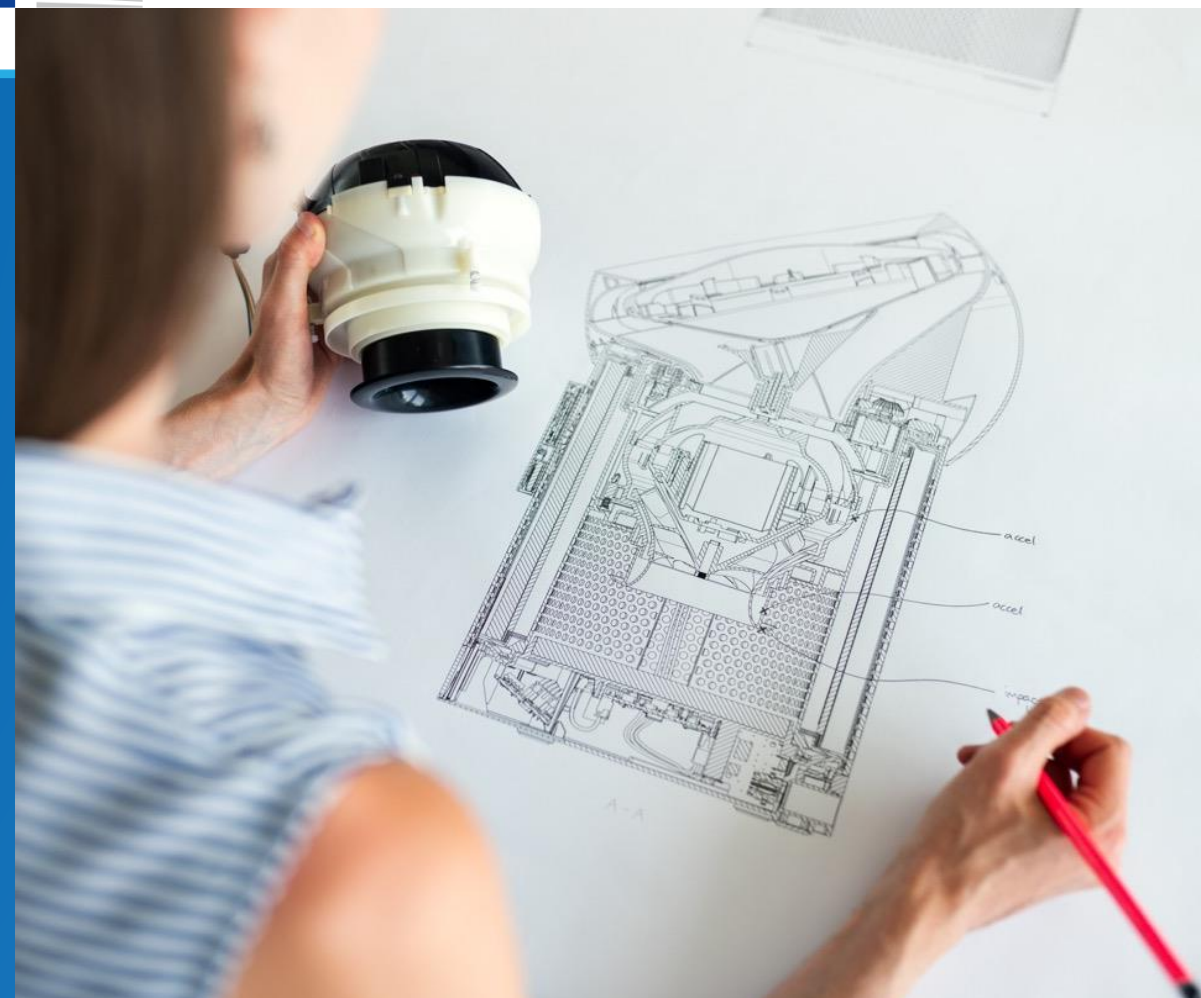


EU policy framework – Industrial Emissions Directive and its relationship with innovation and ETV

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LIFEproETV webinar

3 February 2022

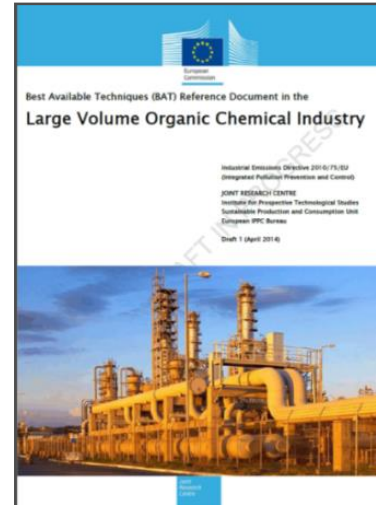


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How does the Industrial Emissions Directive (IED) drive innovation?

- Integrated pollution prevention and control
- 52 000 large agro-industrial installations in the EU
- Art. 13(1) - information exchange to establish Best Available Techniques (BAT) reference documents (BREFs)
 - 32 BREFs established through the 'Sevilla process'
- Art. 14(5) - BAT conclusions as reference for permit conditions
 - New installations: immediate applicability
 - Existing installations: applicability within 4 years of publication in the Official Journal (IED Article 21(3))

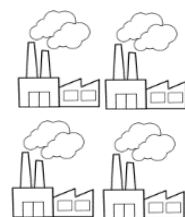


Sevilla process (1/2)

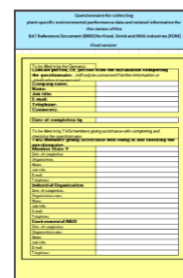
- Implementing Decision 119/2012/EU



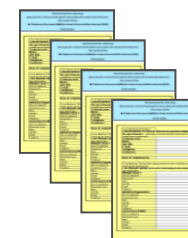
1. Installations in the EU (and outside)



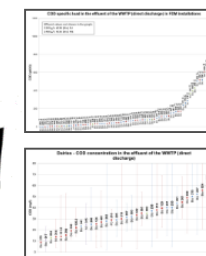
2. Select participating plants



3. Design questionnaire



4. Collect plant-specific data



5. Process and analyse data

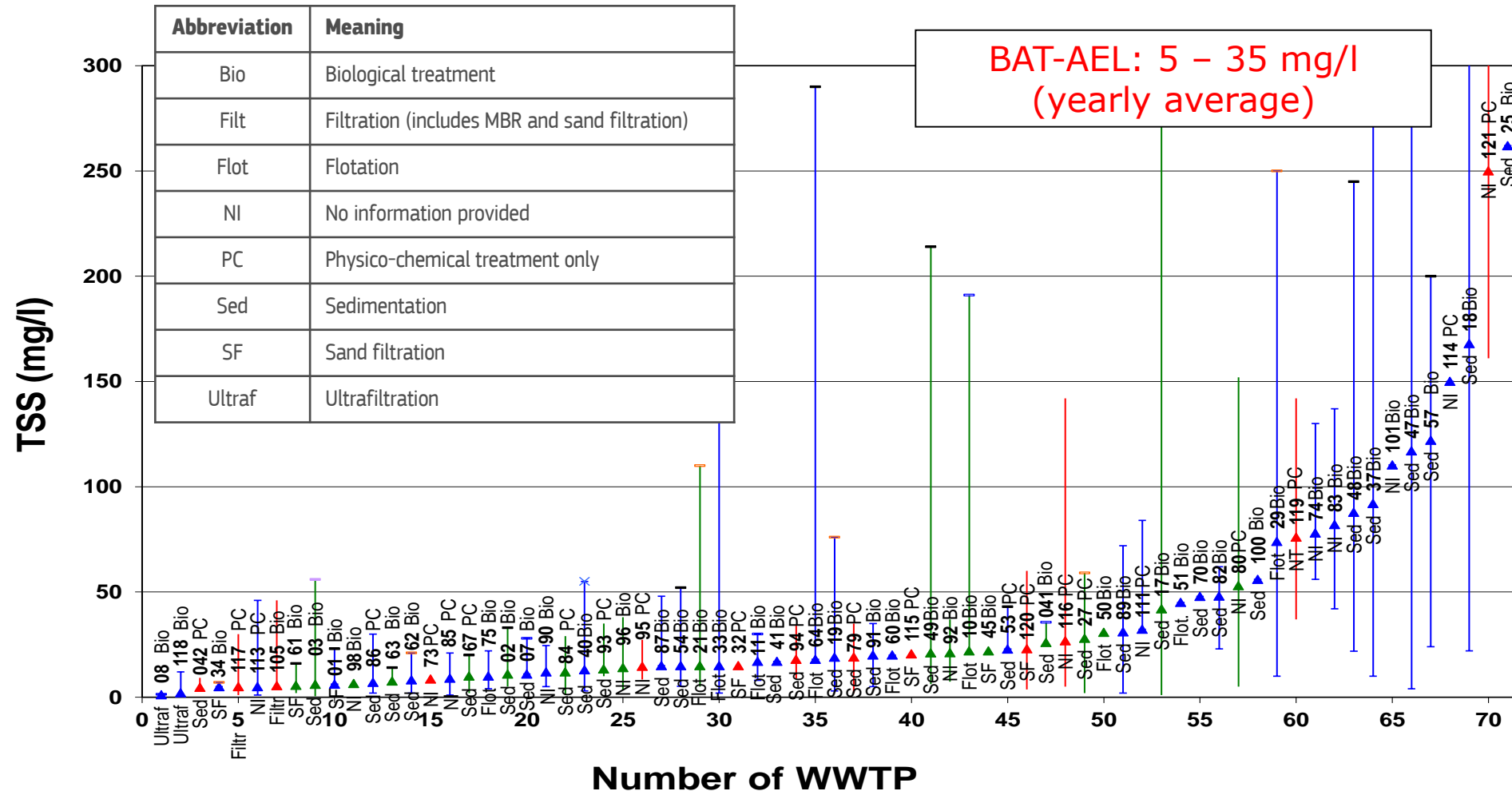


6. Expert meetings



Sevilla process (2/2)

- Benchmarking emissions; consumption of, e.g. energy, water, materials; waste water discharge; Example: CWW BREF - Direct emissions of Total Suspended Solids (TSS),





BAT conclusions

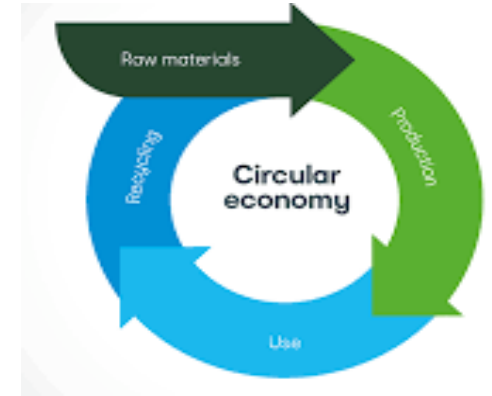
Driving innovation:

- IED Art. 15(3) – Emission limit values (ELVs) in permits to ensure emissions do not exceed BAT-associated emission levels (BAT-AELs) under normal operating conditions
- Environmental management system
 - Continuous improvement of environmental performance
 - Inventory of inputs and outputs
- Chemicals management system
 - Regular analysis of substitution potentials

 **Forward looking perspective needed**

Draw up and review of BREFs

- STM and LVIC BREFs (start 2021)
- CER BREF data questionnaire:
 - Consumption of hazardous substances
 - Energy sourcing
 - Decarbonisation techniques
 - Circular economy and industrial symbiosis
 - Re-use and recycling of residues and waste
 - Consumer information and product innovation

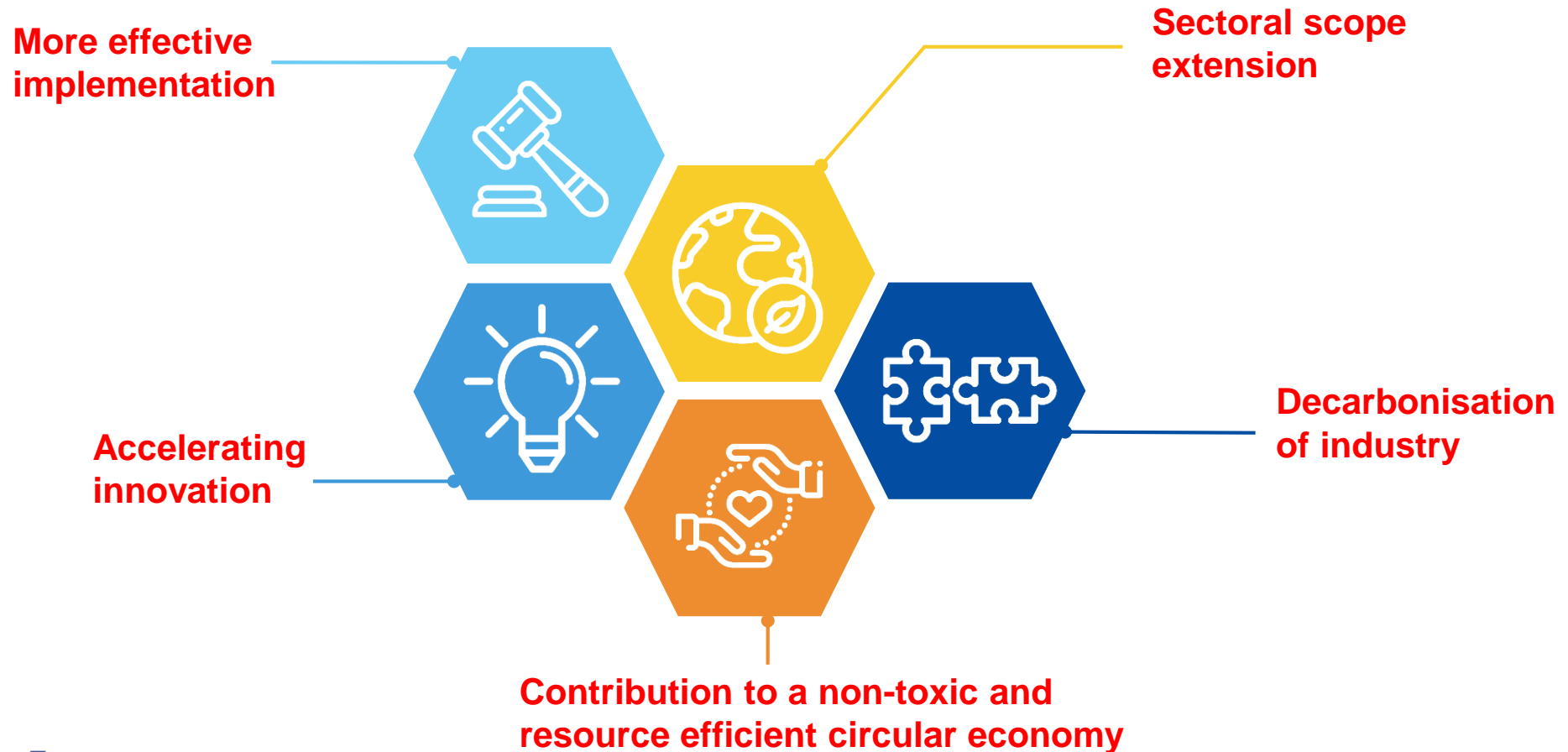


11.1.5 Process/product innovation		
	Yes/No ▼	
Have you conducted an environmental impact assessment for your products?		
Is there potential to increase product durability (including desing choices to increase reuse)?		
Is there potential to increase the recyclability of your products in the future? Please explain in additional information what is preventing your products from being fully recyclable.		
Do you use recycled packaging materials?		
Do you use bio-based packaging materials?		
Is there potential for using packaging materials from recycled materials in the future?		
Is there potential for using bio-based packaging materials in the future?		
Are products delivered with any product declaration?		

Navigation bar: ... 8. Energy consumption 9. Waste and residues 10. Noise 11. CE and decarbonisation E ...

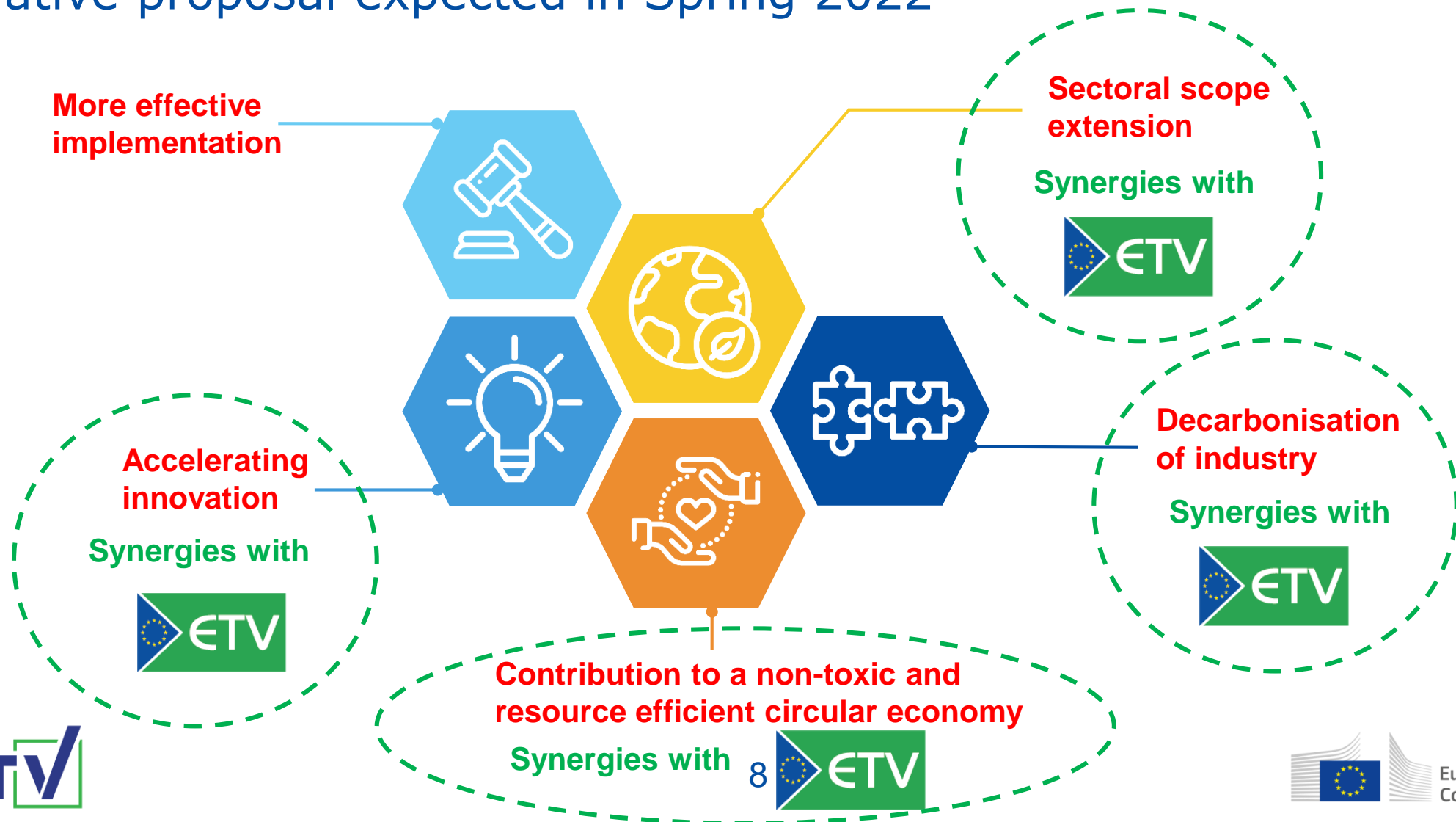
IED revision

- Legislative proposal expected in Spring 2022



IED revision

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ETV supporting innovation

- ETV verifies environmental performance of innovative technologies
- ETV can **accelerate market uptake** of technologies
- ETV verification can help:
 - 'Frontloading' the BREF work
 - Identifying **Emerging Techniques** and their environmental performance levels
- Synergies between ETV and BREF work under revised IED to be explored further
- Challenges:
 - TRL level and scalability of ETV-verified technologies
 - Outreach to plant operators and industrial associations
 - Synergies with other labelling schemes

Further information

Industrial Emissions Directive 2010/75/EU:
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32010L0075>

Commission Implementing Decision 2012/119/EU on the 'Sevilla Process':
<https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32012D0119>

EIPPCB webpage (BREFs, draft BREFs, BAT conclusions):
<http://eippcb.jrc.ec.europa.eu/reference/>

Website of the European Commission's Directorate General for Environment on industrial emissions:
<http://ec.europa.eu/environment/industry/stationary/index.htm>

Thank you!

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