

HAZBREF



EUROPEAN
REGIONAL
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FUND

HAZBREF – Hazardous industrial chemicals in the IED BREFs

Activity 4.4 Identifying hazardous substances preventing recycling and reuse in industry

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Objectives and focus

- How CE issues are currently dealt with in the BREF process?
- What are the legislative barriers and possibilities for including CE issues in BREFs more extensively than now?
- How could/should the CE aspects connected to generation of **non-toxic material circles** be addressed in BREFs?
- Focus on hazardous substances!

- 3 approaches:
 - Requirements on the quality of wastes generated?
 - Criteria of the secondary raw materials?
 - Requirements on the processes which affect the product recyclability?

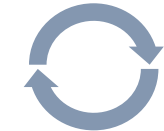
Three approaches for bringing Circular Economy issues into the BREF process

Could BATs be developed for raw materials, chemicals or processes that affect approaches 1, 2 or 3?

Requirements on the processes which affect the product recyclability?



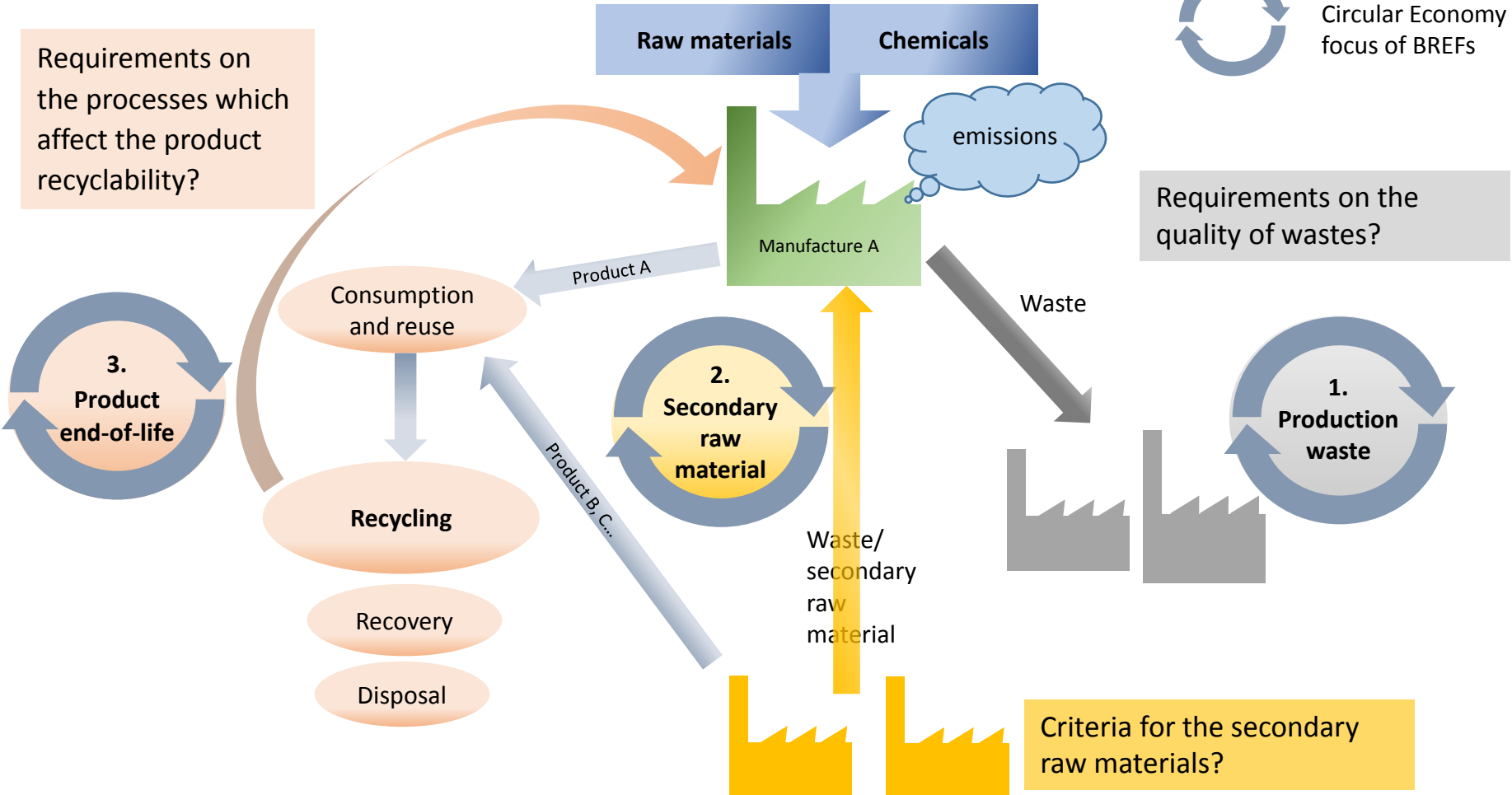
Traditional focus of BREFs



Circular Economy focus of BREFs

Requirements on the quality of wastes?

Criteria for the secondary raw materials?



Report contents

- Possibilities in IED regarding CE
 - BREF guidance
- CE aspects in current BREFs (if any)
- Sector specific assessment
 - Other sector-specific regulation?
 - Product legislation: What does it say about wastes, materials, recycling in connection to hazardous substances?
 - Existing examples
 - Case studies

One possible BAT?

KEMIKAALITAUUKKO 6010b

LIITE YMPÄRISTÖLUPAHAKEMUKSEEN

Vuosi, jota tiedot koskevat

OSA A Kemikaaliluettelo										OSA B Kemikaalista päätyy				
A1 Kemikaali tai valmiste	A2 Koostu- mus	A3 Osuus (%)	A4 CAS- nro	A5 Luokitus ja lau- sekkeet	Haihtuvat orgaaniset yhdisteet		A8 Enimmäis- määrä pro- sessissa ja varas- tossa (t)	A9 Keski- määräinen käyttö (t/a)	A10 Käyttötarkoi- tus ja -kohde	B1 tuottee- seen (%)	B2 vesiin (%)	B3 ilmaan (%)	B4 jättee- seen (%)	B5 reagoi tms.
					A6 Höyryn- paine 20°C:ssa (kPa)	A7 Kiehumis- piste 101,3 kPa:ssa (°C)								



Thank You!