



Raise the bar – from waste to circular economy

Sirpa Pietikäinen

16.6.2021

1

We only have one planet



2050



KESKUSTELEVA YHTEISTYÖ SOSIAALINEN YMMÄRRYS
AJATTELE. RATKAISUKESKEINEN
SUVAITSEVAINEN YRITÄ EDES.
MONIARVOINEN EUROOPPAA
EETTINEN INHIMILLINEN EMPAATTINEN RAKENTAMASSA.
EKOLOGINEN

Sinpon

Current actions are not enough!

”factor 10”

same production and welfare
by one tenth of current resources,
one tenth of current emissions

By 2050, human life, production and consumption must be within our planet's carrying capacity.

1. Circulation of completely non-renewable resources in closed systems
2. Sustainable use of renewable resources
3. Biodiversity will not be harmed, or if harm cannot be avoided, the damage should be compensated elsewhere
4. Operating without harmful emissions



Simpson

Circular Economy Action Plan



- ▶ Reducing household waste 50%
- ▶ Extension of Ecodesign directive
 - ▶ incl. potential digital product passports
- ▶ Strategy for sustainable built environment
- ▶ “right to repair” for electronics
- ▶ GPP
- ▶ Textile strategy & EPR
- ▶ + electronics, batteries, food, water, nutrients, ELV, microplastics, global actions

European Parliament position (February 2021):

- Science based binding targets within the planetary boundaries: **material and consumption footprints**
- Product policy
 - *designing out waste*
 - extension of the Ecodesign directive
 - early/planned obsolescence
- digitalisation: opportunities and challenges
 - product passports
 - service economy
- buildings, packaging, plastics, textiles, electronics, cars and batteries

Sinpa



What is still needed?

- ▶ Horizontal ecodesign to cover also packaging
- ▶ Chemicals
- ▶ Binding targets
- ▶ Indicators
- ▶ Phase out landfilling and incineration
- ▶ Phase out fossil fuel and other harmful subsidies
- ▶ Be alert on chemical recycling and other new forms of reuse



Thank you for participating!

You can read more about this topic and other topics from:

www.sirpapietikainen.eu



Sirpa