

Supplementary information

Figure S1. Number of circular economy requirements (entry into force) normalised to number of regulated product groups (publication date) according to type and year.

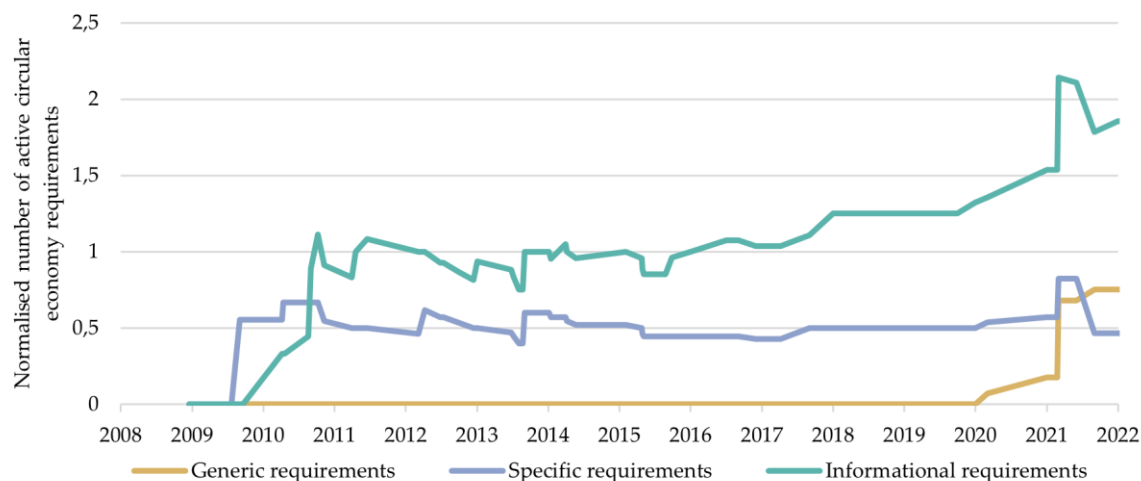


Figure S2. Number of circular economy requirements (entry into force) normalised to number of regulated product groups (publication date) according to category and year.

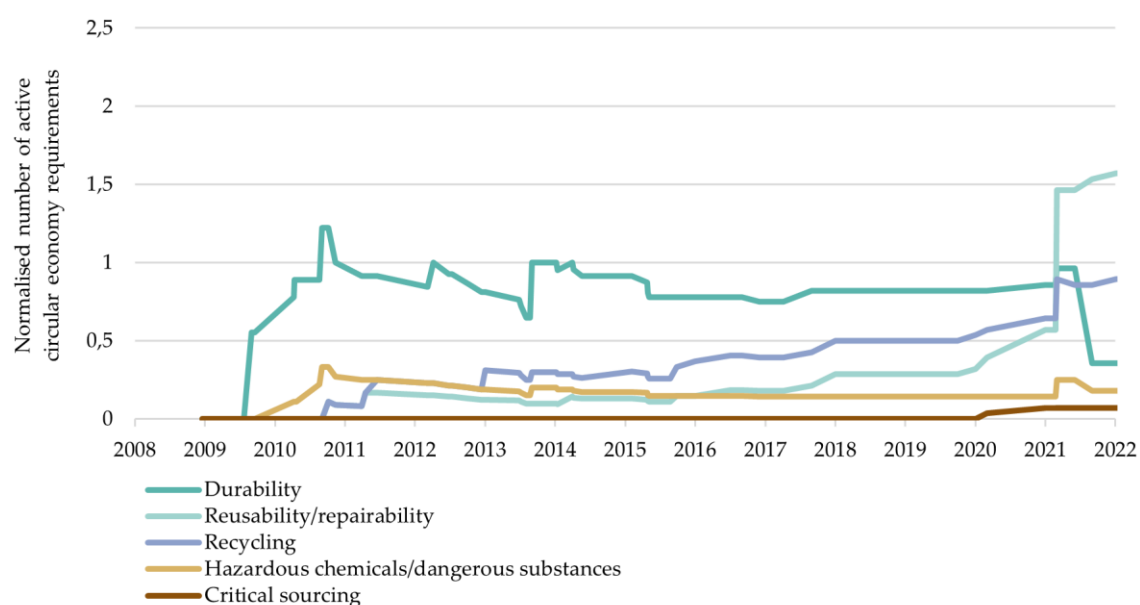


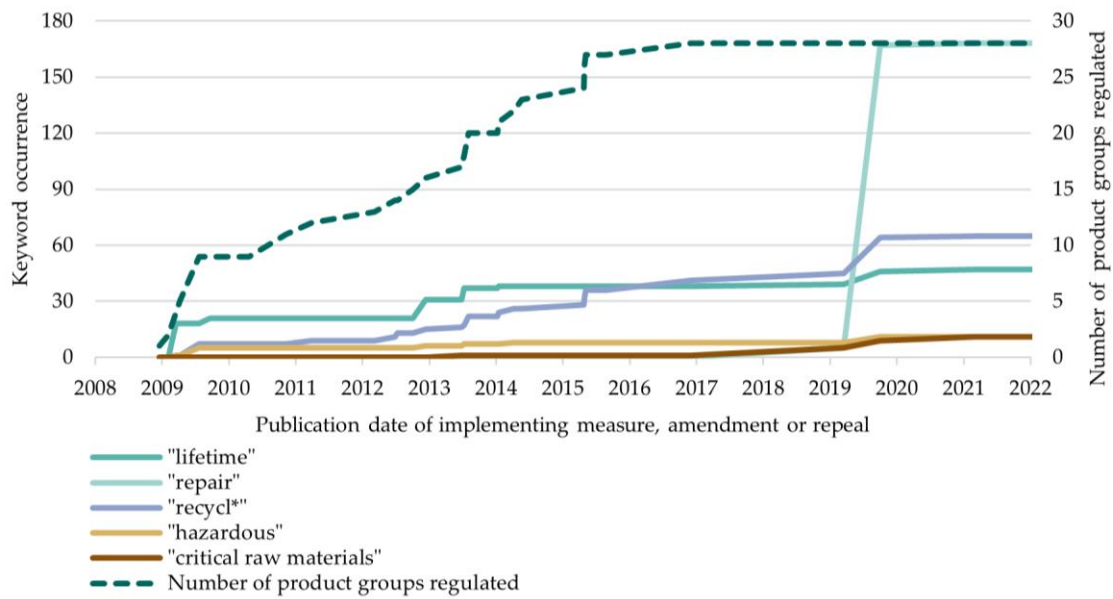
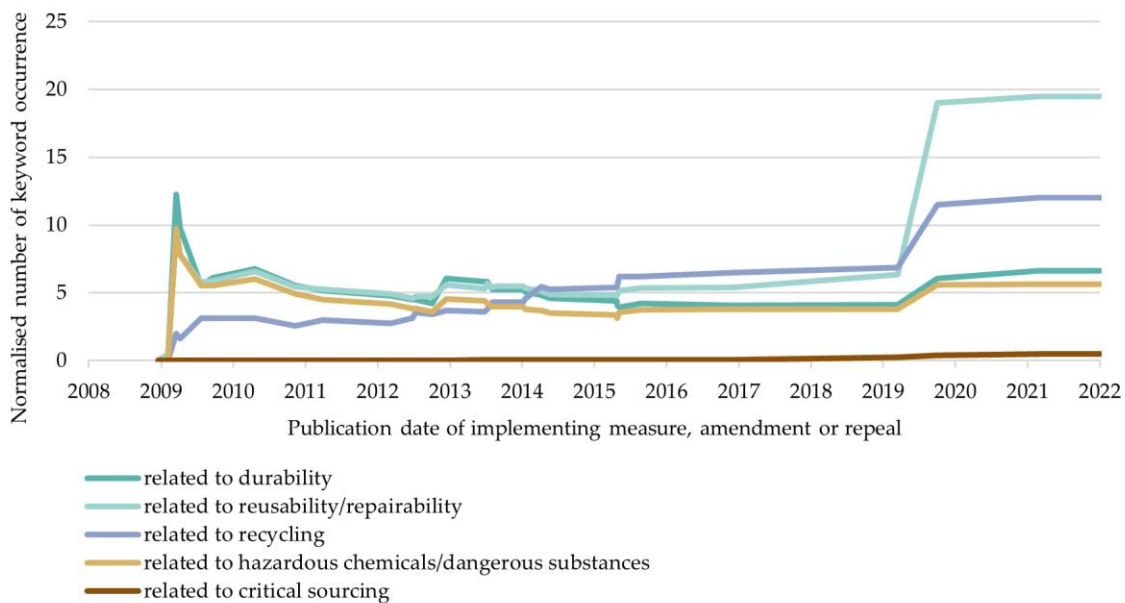
Figure S3. Examples of keyword occurrence in ecodesign regulations over the years.**Figure S4.** Number of circular economy keyword occurrence normalised to number of regulated product groups according to categories in ecodesign requirements.

Table S2. Overview of assessed product (sub)groups and legislative texts.

Product (sub)groups	Regulation	Amendment / repeal							
Standby and off mode electric power consumption of electrical and electronic household and office equipment	(EC) No 1275 /2008	Amended by (EC) No 278/2009	Amended by (EC) No 642/2009	Amended by (EU) No 617/2013	Amended by (EU) No 801/2013	Amended by (EU) 2019/2021	Amended by (EU) 2019/2022	Amended by (EU) 2019/2023	Amended by (EU) 2021/341
Simple set-top boxes	(EC) No 107/2009								
Non-directional household lamps	(EC) No 244/2009	Amended by 859/2009	Amended by (EU) 2015/1428	Repealed & combined in (EU) 2019/2020					
Fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps	(EC) No 245/2009	Amended by (EU) No 347/2010	Amended by (EU) 2015/1428	Repealed & combined in (EU) 2019/2020					
External power supplies (no-load condition electric power consumption and average active efficiency of external power supplies)	(EC) No 278/2009	Repealed by (EU) 2019/1782							
Household refrigerating appliances	(EC) No 643/2009	Repealed by (EU) 2019/2019	Amended by (EU) 2021/341						
Electronic displays and televisions	(EC) No 642/2009	Repealed by (EU) 2019/2021	Amended by (EU) 2021/341						
Circulators (glandless standalone circulators and glandless circulators integrated in products)	(EC) No 641/2009	Amended by (EU) No 622/2012	Amended by (EU) 2019/1781	Amended by (EU) 2021/341					
Electric motors	(EC) No 640/2009	Amended by (EU) No 4/2014	Repealed by (EU) 2019/1781	Amended by (EU) 2021/341					
Household dishwashers	(EU) No 1016/2010	Repealed by (EU) 2019/2022	Amended by (EU) 2021/341						
Household washing machines and washer-dryers	(EU) No 1015/2010	Repealed by (EU) 2019/2023	Amended by (EU) 2021/341						
Fans driven by motors with an electric input power between 125 W and 500 kW	(EU) No 327/2011	Amended by (EU) No 666/2013							
Air conditioners	(EU) No 206/2012								
Water pumps	(EU) No 547/2012								
Household tumble driers	(EU) No 932/2012								

Directional lamps, light emitting diode lamps and related equipment	(EU) No 1194/2012	Amended by (EU) 2015/1428 ¹	Repealed & combined in (EU) 2019/2020						
Computers and computer servers	(EU) No 617/2013	Amended by (EU) 2019/424	Amended by (EU) 2021/341						
Vacuum cleaners	(EU) No 666/2013								
Space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device	(EU) No 813/2013								
Water heaters, hot water storage tanks and packages of water heater and solar device	(EU) No 814/2013								
Domestic ovens and range hoods	(EU) No 66/2014								
Small, medium and large power transformers	(EU) No 548/2014	Amended by (EU) 2019/1783							
Residential ventilation units	(EU) No 1253/2014								
Solid fuel local space heaters	(EU) 2015/1185								
Local space heaters	(EU) 2015/1188								
Solid fuel boilers and packages of a solid fuel boiler, supplementary heaters, temperature controls and solar devices	(EU) 2015/1189								
Professional refrigerated storage cabinets	(EU) 2015/1095								
Air heating products, cooling products, high temperature process chillers and fan coil units	(EU) 2016/2281								
Welding equipment	(EU) 2019/1784								
Refrigerating appliances with a direct sales function	(EU) 2019/2024	Amended by (EU) 2021/341							
Light sources and separate control gears	(Repealed by) (EU) 2019/2020	Amended by (EU) 2021/341							

¹ In the title of 2015/1428 it says "repeal", but in the legal text (Article 3) it says "amendment", thus counted as amendment.