Introduction to the Circular Economy

Stein Janssens Circular Flanders









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What is a circular economy?

Why is this needed?

How can I implement this?

References



What is Circular Economy?

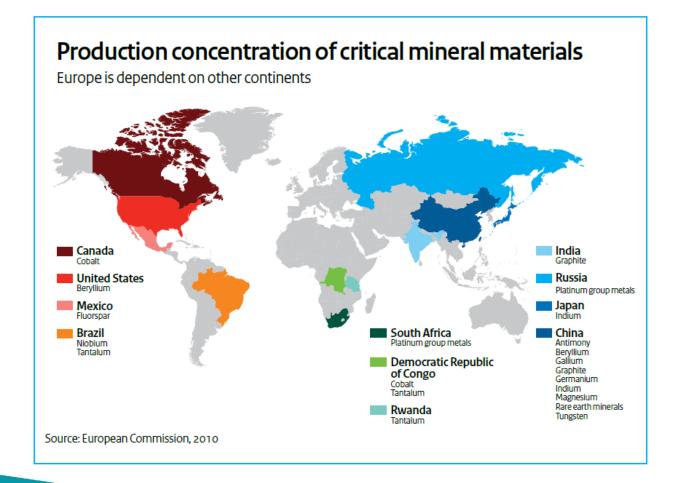
A circular economy is an economy that keeps **eco-designed materials** and **products as long as possible** in use, with **maximal value**, hereby using specific **circular strategies**, **long before the recycling stage**.







Raw materials are limited







VISIE2050

It's the law



Reduction of 30% in raw material use by 2030

= -15% by 2025

= additional -15% by 2030

Flemish Government

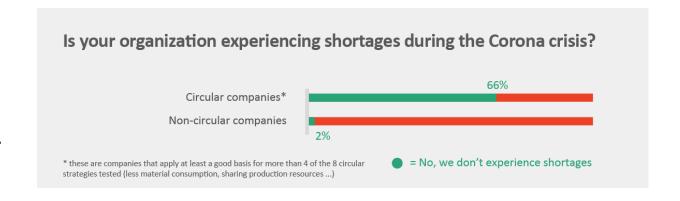
CE = 1 of the 7 transition priorities

Flanders' ambition = fully circular economy by 2050





Requirement for healthy, future-proof business



Source: IHS Markit



Global manufacturers reporting of port or shipping delays





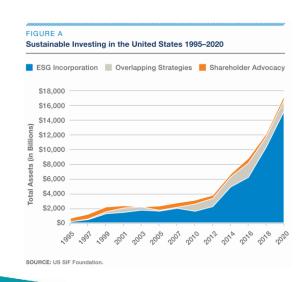


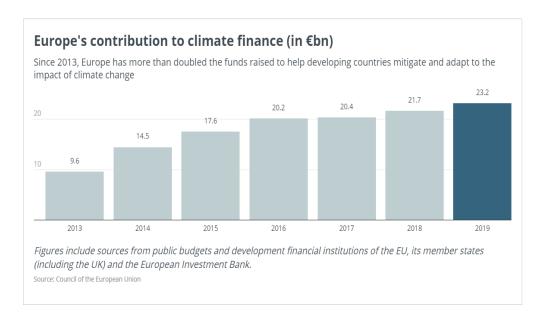
Capital and funding rounds will be much easier

"Sustainable Finance": ESG (Environment, Sustainability, Governance) criteria worden steeds belangrijker voor investeerders

Regionale/Nationale/EU subsidie criteria

Larry Fink CEO van Black Rock, één van de grootste investeringsfondsen ter wereld, stelde dit jaar in een open brief dat in 2020 de wereldwijde investeringen in duurzame projecten en ondernemingen 1 jaar tijd gestegen waren met maar liefst 96% tot 288 miljard dollar.

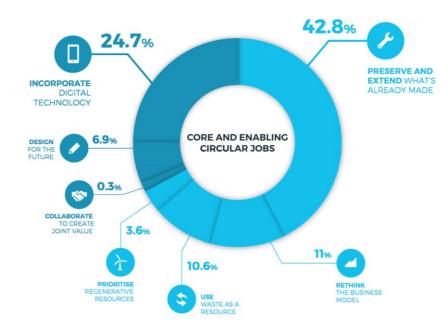




Why?



Job creation + top talent attraction



Labour intensive recycling/repair/...

Low-tech jobs in repair/remanuf activities => Opportunities for social profit/non-profit

Innovation (tech development/new materials/industry 4.0)

Fintech (sustainable finance)

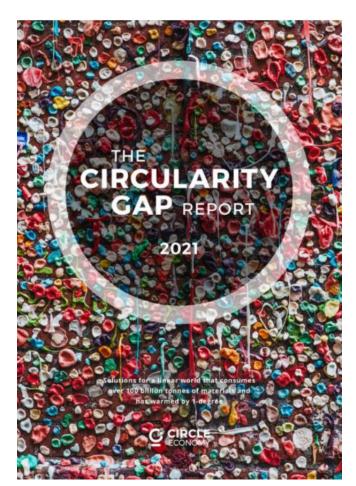
By 2030, additional BNP growth of 0,5% resulting in 700.000 jobs in the EU [EU CE Action Plan, 2020]

Future talent attaches stronger to company values => Advantage in attracting talent!

Why?



It reduces GHG, and therefore has direct climate impact

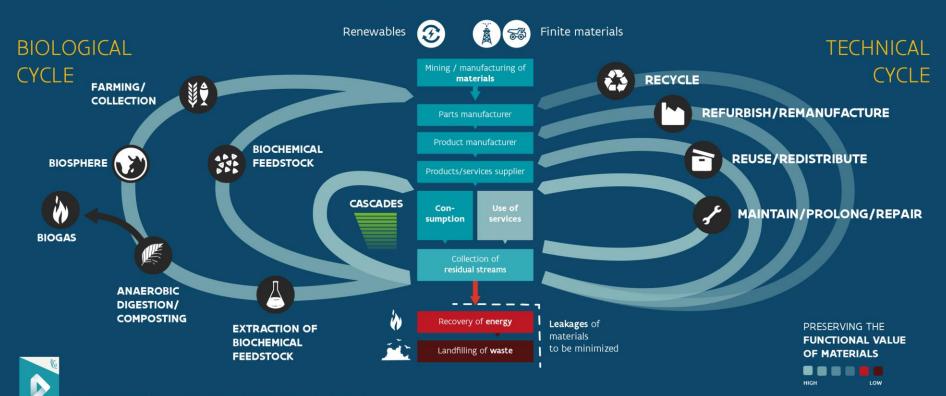


CE reduces GHG with **39%** [Circularity Gap Report, 2021]



THE CIRCULAR ECONOMY

Renewability and preservation of value





References



SECTORS □ construction energy □ water ☐ metals CILAB Salmon croquette Froep WEDNESDAY 31 AUGUST 2022 WEDNESDAY 31 AUGUST 2022 WEDNESDAY 31 AUGUST 2022 services Circular Hub Brugge makes the Froep provides fresh soup and tasty CILAB is a circular textile collective retail trade fruit snacks for pre-school and processing of salmon more from Mechelen that develops □ logistics sustainable by reusing residual primary school children. processes and solutions to upcycle □ bio-economy flows. The result: a delicious salmon clothing and creates awareness for croquette. the circular transition in the textile ☐ chemistry / plastics ☐ electrical engineering / manufacturing furniture & interior / manufacturing READ MORE > READ MORE > READ MORE > textile and fashion / manufacturing ☐ food chain ☐ culture / events ☐ health & care ict / technology government ☐ social-community THEMES Hair Recycle by Dung Urbin Sam Serveert policy instruments Dung vzw TUESDAY 23 AUGUST 2022 TUESDAY 2 AUGUST 2022 circular purchasing WEDNESDAY 31 AUGUST 2022 Urbin rents out reusable moving Unloved fruit and vegetables find a communication / sensibilisation Hair Recycle collects cut hair from boxes in Antwerp, including the new purpose as pure fruit sweets, Antwerp districts of Berchem, snacks, tea infusions, granola and ☐ financing hairdressers to use as cushions that Borgerhout and Deurne. many other goodies absorb polluting oil from Belgian ☐ innovation / entrepreneurship □ jobs / skills ☐ research READ MORE > READ MORE > READ MORE >

prevention / prolonging service life



www.vlaanderen-circulair.be









Ben je ondernemer in de circulaire economie?

Op zoek naar experten in circulaire economie? Met CircleAid vind je eenvoudig en snel de juiste mensen die jou verder kunnen helpen.

ONTDEK CIRCLEAID >

Het bos door de bomen zien?

Op deze pagina's bundelen we een overzicht van de business-to-business (B2B) tools die je kunnen helpen om circulaire principes in de praktijk toe te passen.

NAAR DE TOOLS EN PLATFORMEN >

Een handige checklist voor jouw circulair project

Het CE Kompas is een analysetool die aangeeft welke accenten van circulaire economie gelegd worden in een circulair project.

NAAR HET CE KOMPAS >

Thank you!

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