CBA
Imagining Ecocivilisation

Christiaan Kraaijenhagen June 10, 2020





My journey in Sustainability / CE

ikcirculeer®



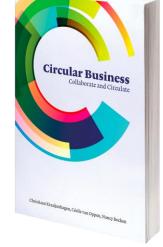












2012 - 2016



Industrial Engineering and Management

Venture in Renewable Energy

2009

2011

2016 - today

1995

CIRCLE ECONOMY



Creating profit to be proud of through circular / sustainable business innovation



Circular Economy

An economy in which stakeholders *collaborate* in order to maximise the value of products and materials, and as such contribute to minimising the depletion of natural resources and *create positive* societal and environmental impact.



LINEAR ECONOMY



TAKE > MAKE > DISPOSE

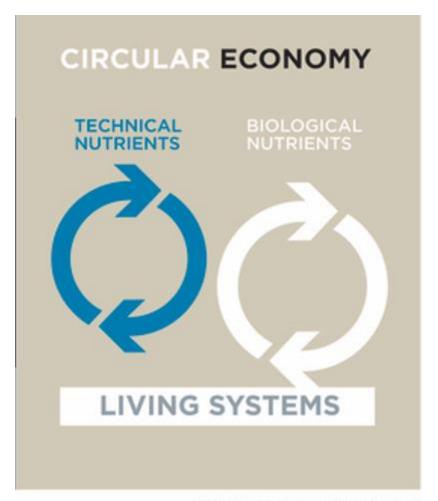


TECHNICAL & BIOLOGICAL NUTRIENTS ALL MIXED UP

WASTE



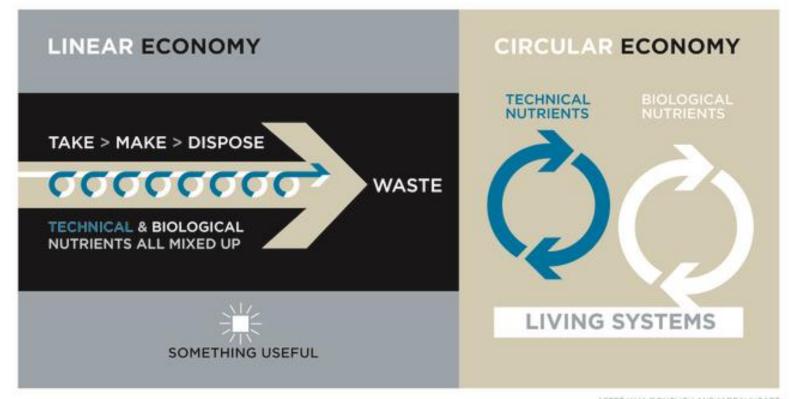




AFTER W McDONOUGH AND M BRAUNGART



From a linear to a circular economy





The world is now 8.6% circular

Our world is now only 8.6% circular. Of all the minerals, fossil fuels, metals and biomass that enter it each year just 8.6% are cycled back

This has fallen from 9.1% in the two years since the annual report was first launched in 2018

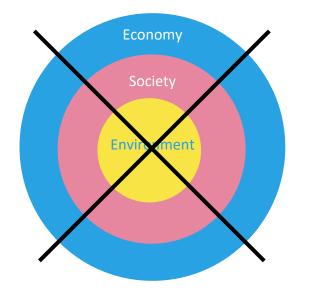
This means we must accelerate and scale together

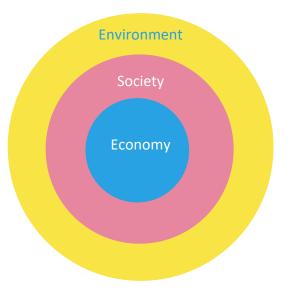
When cacularity goes from bad to wiese. The power of countries to change the game

CIRCULARITY

GAP REPORT

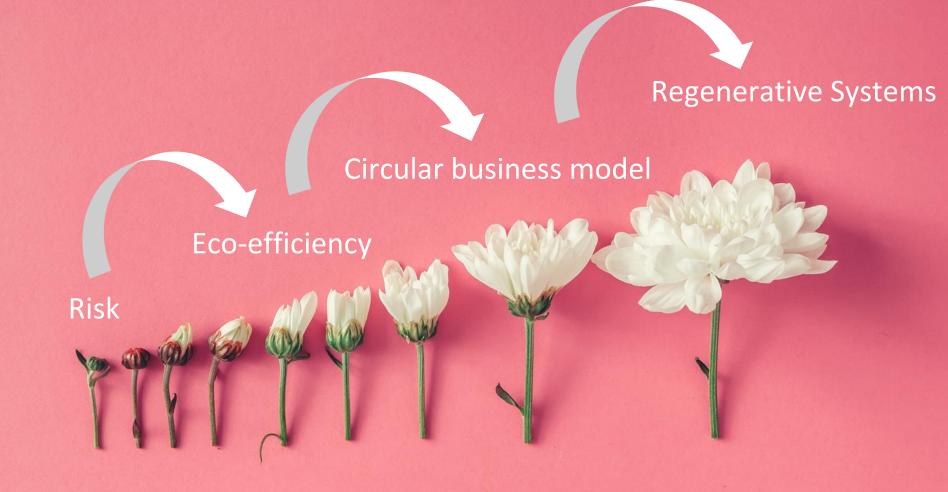
Source: https://www.circle-economy.com/







Source: www.kateraworth.com/



Innovate for positive impact: creating financial, societal and environmental value.

Because that is how business can be a force for good.

THE GLOBAL GOALS

For Sustainable Development





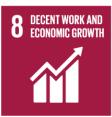




































What does this mean....

From...

Focus on Risk, Cost, Efficiency, P&L, shareholder, stock-exchange short term,..

I, ego, transactional relations, competing, fragmented initiatives, one region one country,...

Internal organisation focus, incremental innovation, improvements on a single product, process,...

To...

Social and Environmental benefits, social capital, biodiversity regeneration, non-financial impact, SDGs, mid- & long term,....

Together, collaboration, Eco, equality, diversity, transparency, joint responsibility, joint values & purpose, trust, system thinking, holistic approach, communities, EU, Global,...

Society / Ecology / Sustainability / Circular Economy / Ecocivilisation as key driver for innovation, multiple stakeholder value creation, connected with eco-systems, partnering,...

PHILIPS





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waterbedriif







MUD JEANS











PILOT TO CIRCULAR **BUSINESS**

CONTRACT

EXTERNALITIES

SCALING-UP FROM

PURPOSE

A CIRCULAR

THE SYSTEM

CIRCULAR **BUSINESS MODEL**

TRANSFORMATION

/ensteder

TOWARDS

BUSINESS





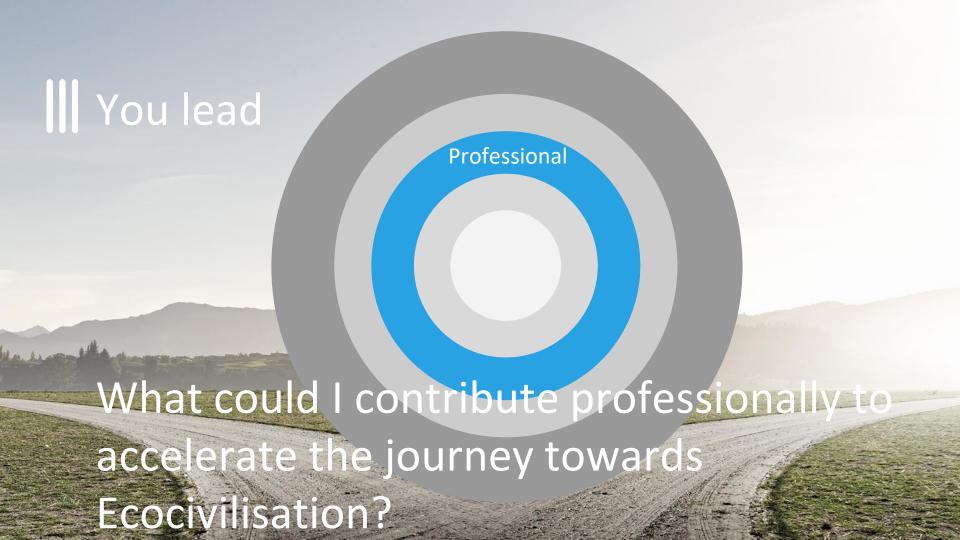
innoloost

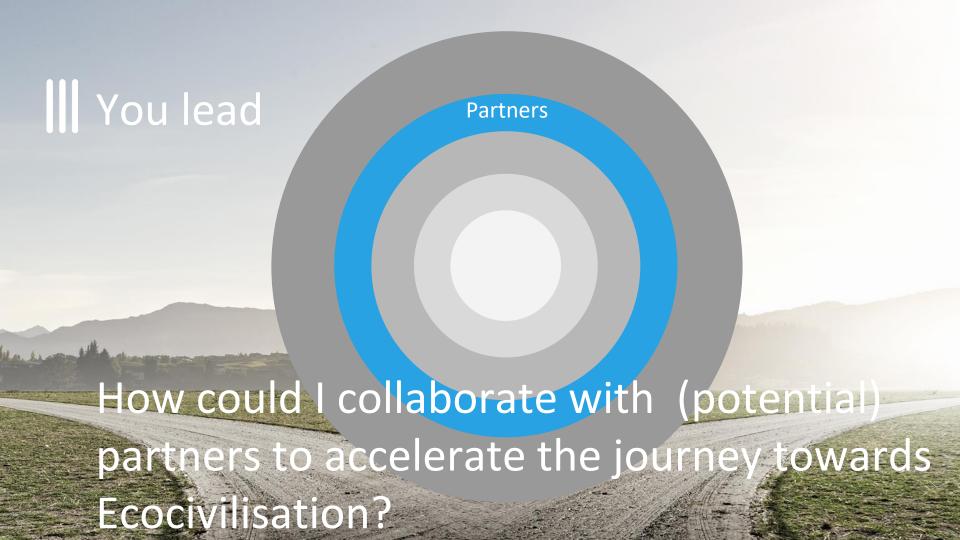


5P model (via www.menti.com)













Planet / natural environment

What would this mean for our planet, natural environment if we have achieved Ecocivilisation?





How....

Innovations

Determine your North Star & link to Sustainable DevelopmentGoals (SDGs)

Start with the 5Ps

Create a Roadmap with scenarios

Start tomorrow with a first step, collaborate, experiment, learn, measure (link to SDGs), improve, scale, etc.

Have fun!

Time





Resources

www.innoboost.nl/tools

www.ellenmacarthurfoundation.org/

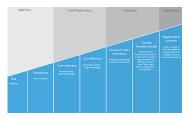
www.circle-economy.com/

www.nancybocken.com/

www.kateraworth.com/

goals/

www.un.org/sustainabledevelopment/sustainable-development-





















Questions?

