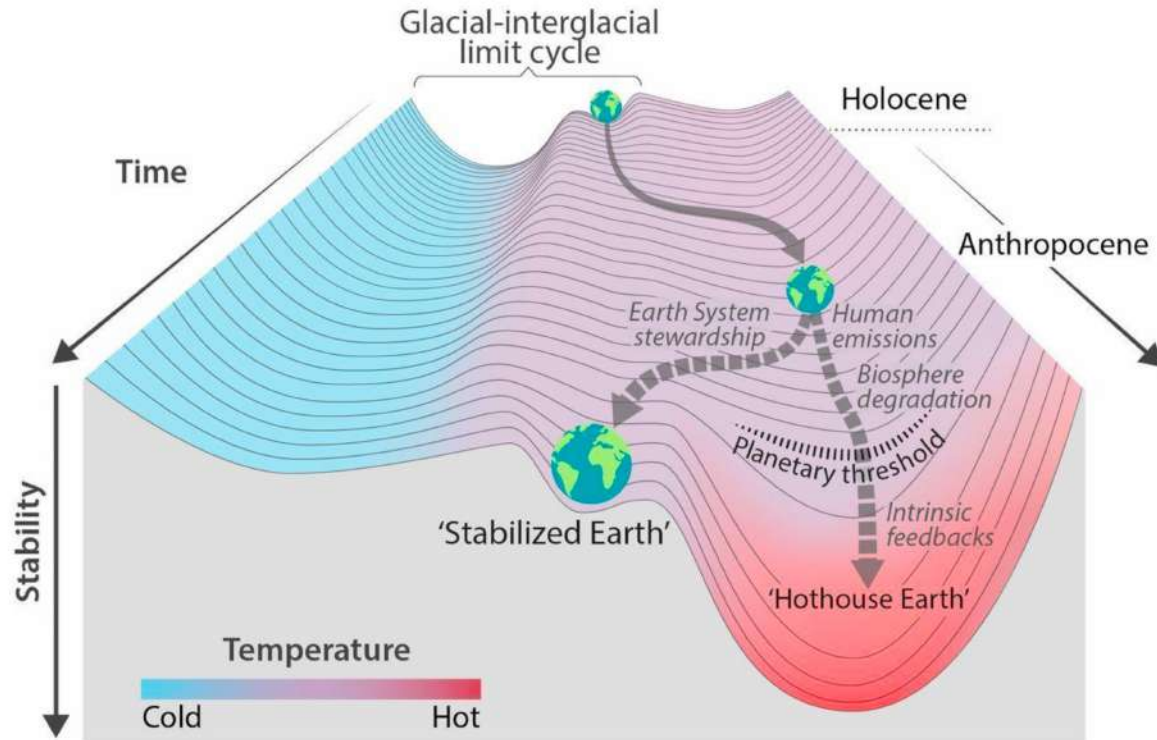


Doughnut Economics

Groen Links Haarlem

Ruurd Priester

8 juni 2021



Bron: Trajectories of the Earth System in the Anthropocene, 2018

*'Once a photograph
of the earth, taken
from outside, is
available... a new
idea as powerful as
any in history will be
let loose.'*

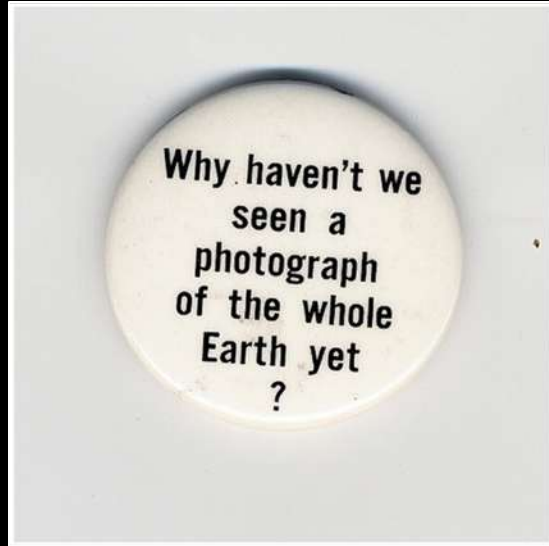
Fred Hoyle, Astronomer – 1948

There is enough to
go around.

Why haven't we
seen a photograph of
the entire earth yet?

Whole new world

Note by Stewart Brand – 1967



Campaign button, by Stewart Brand – 1967



Stewart Brand campaigning – 1967



Earth rise, Apollo 8 – 1968

*'We are as gods and
might as well get
good at it.'*

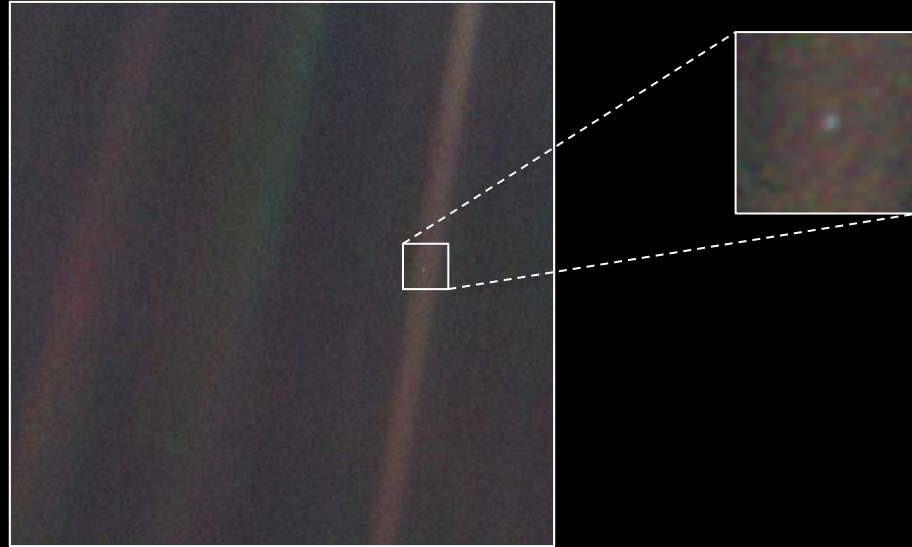
Stewart Brand – 1968



The Blue Marble, Apollo 17, Eugene Cernan, Harrison Schmitt or Ronald Evans – 1972

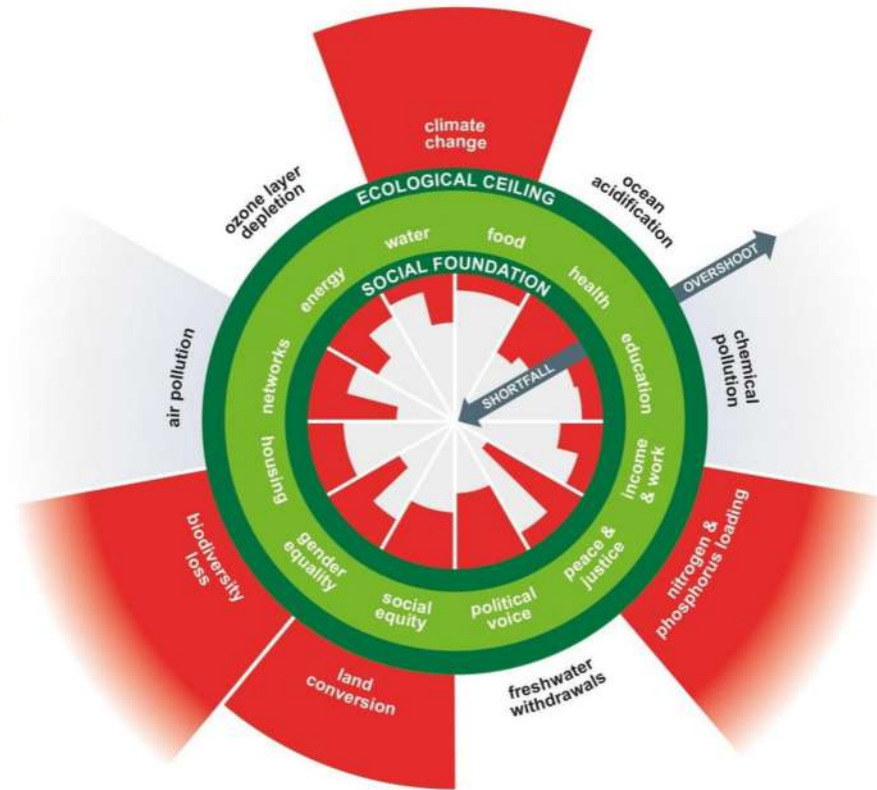


The overview effect, Frank Wright – 1987



Pale Blue Dot, Voyager 1 – 1990





First global selfie – 2017

We have 12 years to limit climate change catastrophe, warns UN

■ Beyond the
■ Boundary not quantified

NASA: HOLE IN EARTH'S OZONE LAYER FINALLY CLOSING UP BECAUSE HUMANS DID SOMETHING ABOUT IT

90% of world's children are breathing toxic air, WHO study finds

Humans have wiped out 60% of animals since 1970, says WWF

Land degradation threatens human wellbeing, major report warns



Ocean acidification to hit levels not seen in 14 million years

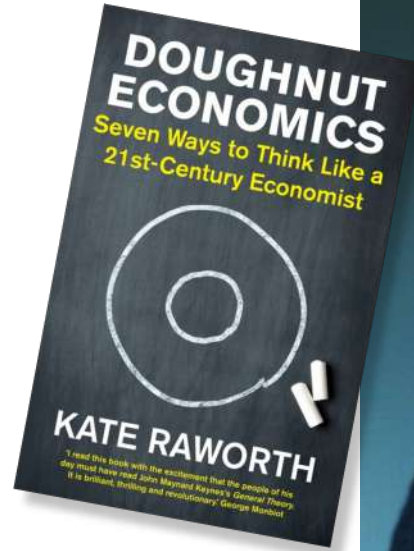
Research finds humans across the globe have microplastics in their stool

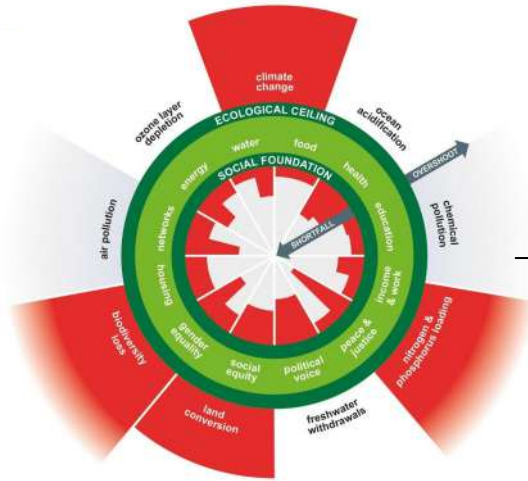
Phosphorus pollution reaching dangerous levels worldwide

Water shortages could affect 5bn people by 2050, UN report warns

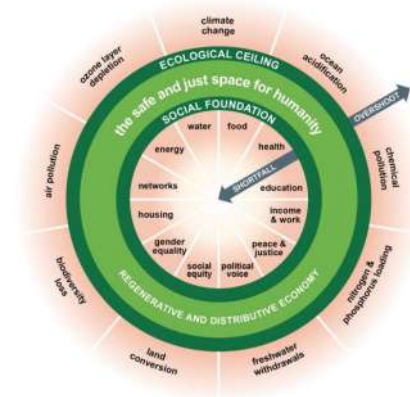
'Twenty first century economics: to meet the needs of all within the means of the planet.'

– Kate Raworth





Doughnut Economics



Doughnut principles for practice

See the big picture

Nurture human nature

Think in systems

Be distributive

Be regenerative

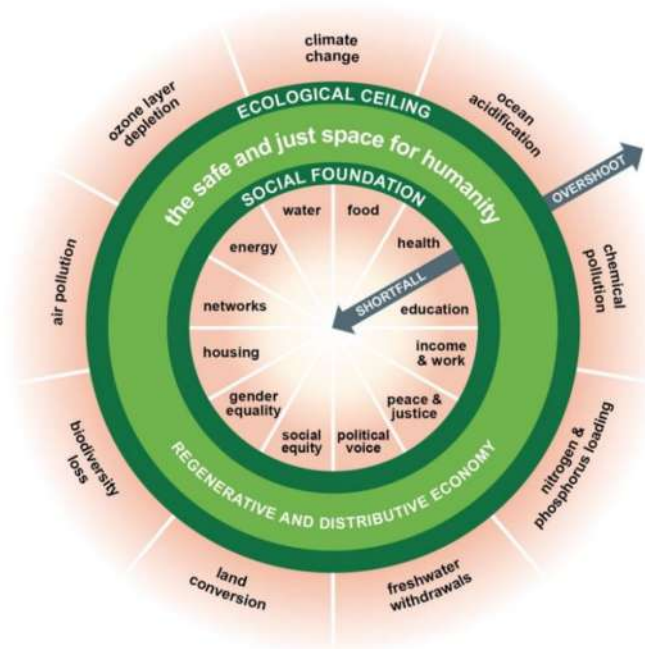
Be agnostic about growth

1 Change the Goal

GDP → **The Doughnut**

Ecological ceiling

9 planetary boundaries, by Earth –system scientists team, led by Johan Rockström and Will Steffen

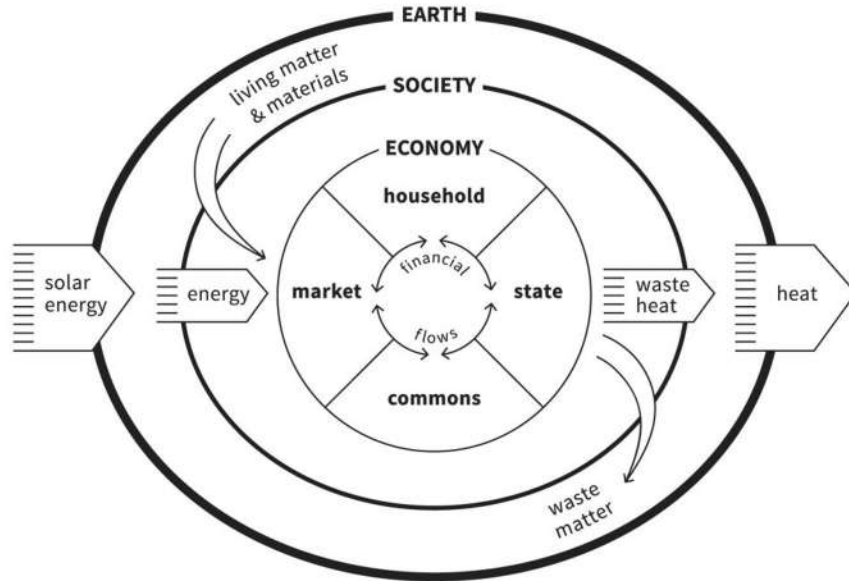


Social foundation

12 social dimensions in the 2015 United Nations Sustainable Development Goals

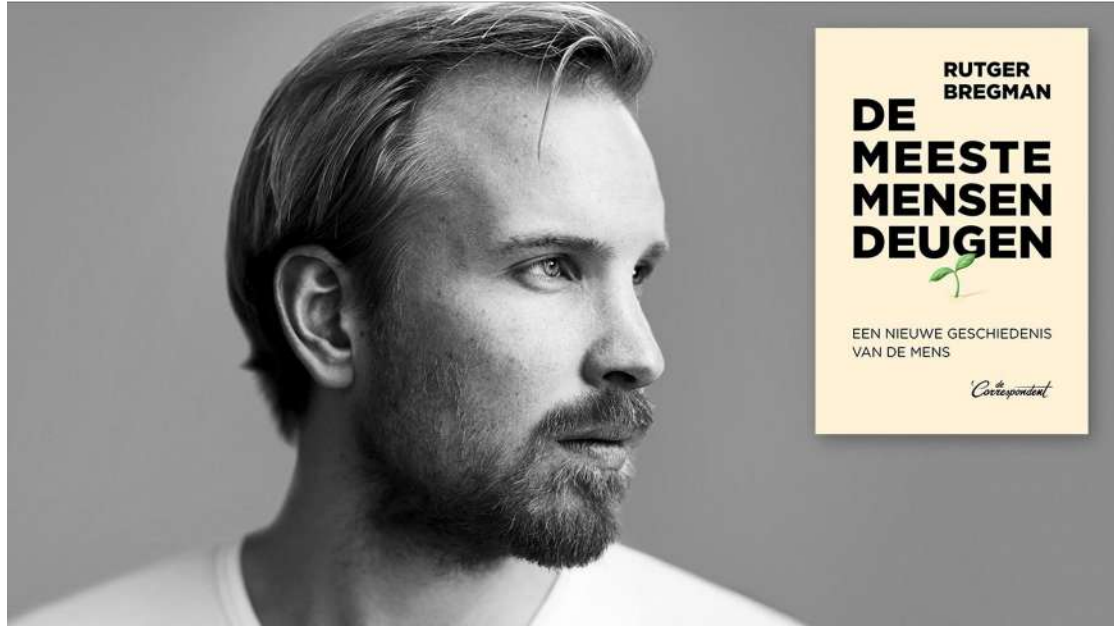
2 See the Big Picture

Self contained market → **Embedded economy**



3 Nurture Human Nature

Rational economic man → **Social adaptable humans**



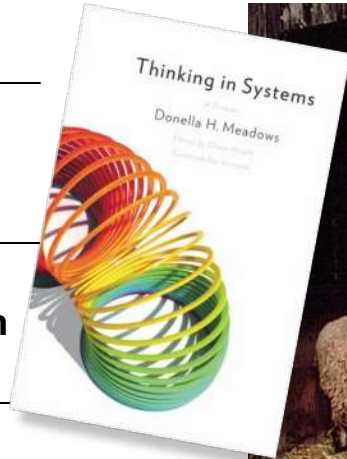
4 Get Savvy with Systems

Mechanical equilibrium → **Dynamic complexity**

Gedrag patronen

Systeemstructuren

Overtuigingen



Donella Meadows

5 Design to Distribute

Growth will even it up again → **Distributive by design**

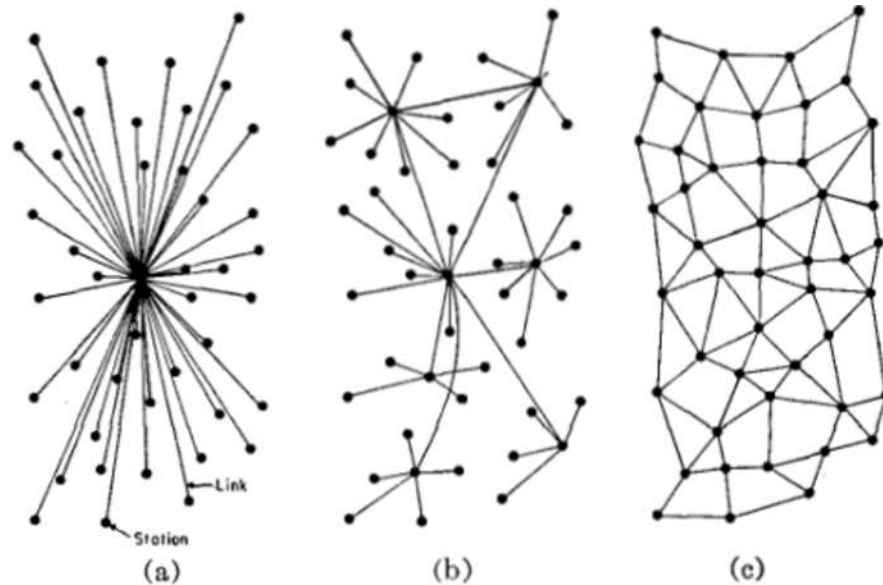


Fig. 1—(a) Centralized. (b) Decentralized. (c) Distributed networks.

Growth will clean it up again → Regenerative by design



22

7 Be Agnostic about Growth

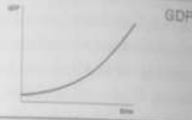
Growth addicted → **Growth agnostic**

‘To have a growth’

Seven Ways to Think:

From Twentieth-Century Economics

1. Change the Goal



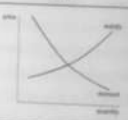
2. See the Big Picture



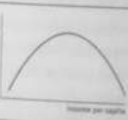
3. Nurture Human Nature



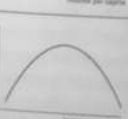
4. Get Sevv with Systems



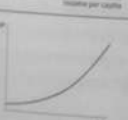
5. Design to Distribute



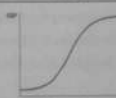
6. Create to Regenerate



7. Be Agnostic about Growth



To Twenty-First-Century Economics



Harari

Monbiot

New narratives

Commons

Cooperatives

Humankind, Rutger Bregman

Subsidiarity

Short chains

Local

Renature











































Circular Economy

Post GDP

How democracies die

Disclaimer

Converging new economic narratives

	change the goal	see the big picture	nurture human nature	get savvy with systems	design to distribute	create to regenerate	be agnostic about growth
Doughnut Economics - Kate Raworth							
Economics of arrival - Katherine Trebeck							
Degrowth economics - Giorgos Kallis							
Bioregional economics - Joe Brewer							
Common economics - David Bollier							
Regeneration - John Fullerton							
Sacredness - Charles Eisenstein							
Indigenous legacy - Carol Anne Hilton							

'To get out of the mess we're in, we need a new story that explains the present and guides the future.'

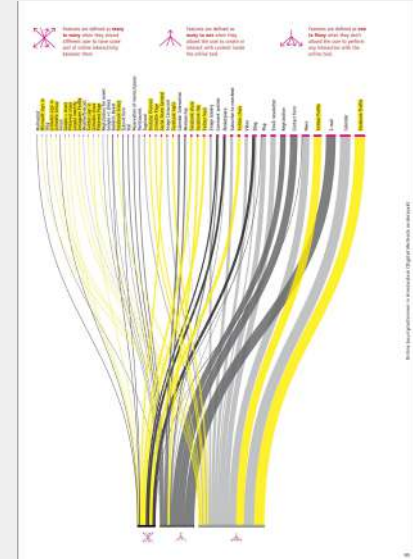
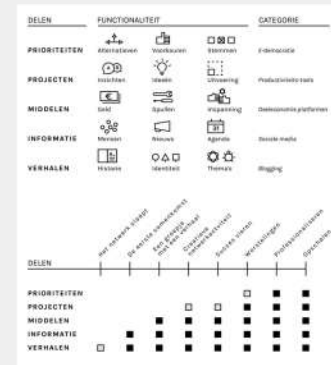
– George Monbiot



Our Online Platforms




Sociale media en deeleconomie platformen schudden niet alleen complete bedrijfstakken op, maar ook de democratie. Dat is gevaarlijk, want die online platformen zijn daar niet voor bedoeld. Ze zijn bedoeld om hun aandeelhouders rijk te maken. Jammer, want online platformen zijn juist perfect geschikt om een netwerksamenleving te organiseren, veel beter dan offline instituties dat ooit kunnen. Online organisatie van netwerken – met het vernieuwen van maatschappij en democratie als hoogste doel – is inmiddels al wel flink op gang gekomen. In de stedelijke bottom-up-beweging namelijk. Deze studie is in die wereld gedoken en formuleert een aantal adviezen over hoe we daar als samenleving op verder kunnen bouwen.





‘Practice first, theorise later’
‘Go where the energy is’

Kate Raworth



Doughnut Economics Action Lab

Turning Doughnut Economics from a radical idea into transformative action

[Doughnut Economics](#)
[Discover the Community](#)
[About DEAL](#)



Turning the Doughnut into action

EAL's Rob Shorter & Carola Sanz chart the Doughnut's journey from idea to action for STR magazine


[Read more](#)



London DEAL Members Vision Workshop

A Workshop to develop further the vision for the London DEAL

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President of Ireland backs Doughnut Economics

Michael D. Higgins calls for making the Doughnut humanity's overriding goal

[Read more](#)



Doughnut Economics Journey of Knowledge Map

Posted by Joseph Dellar-Smirnov

Activity | Teaching Tool



Social Impact Calculator

Posted by Chelsea Lawson


Methodology | Web-interactive | Image



Doughnut Report

Posted by Thomas Rasche

Activity | Teaching Tool | Web-interactive




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Doughnut Economics

Groen Links Haarlem

Ruurd Priester

8 Juni 2021