



Leven met de Aarde

Spiritueel, ecologisch, sociaal, economisch

Living with the Earth

Planetary Health Sustainability
Clean Energy

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Sustainable Development Goals (SDG's)

shared blueprint for peace and prosperity



Clean Energy! Broad view

- All forms of energy that we think to be important in certain circumstances are good
- It is strongly dependent on the situation
- Energy provides **life**



Energy: Special features

- Too little or too much energy means: The end of life
- There is a (small) range (bandwidth)
Think of the sun. No sun no life. Sun nearby: too much heat
Think also of body temperature and humidity.
- *Transforms of energy* are always necessary!
- Using energy has many aspects. Handling that properly is very complex
- In our current energytransition on large scale the goal is: reduce greenhouse gas emissions; especially CO₂



We want Clean Energy!

Why? I

Clean energy is all the energy that changes the world in the right direction!

- Climate change has already gone too far!
- Enormous unbalance in people with property and lots of consumption behaviour and people without
- Look to **worldovershootday** and the difference **rich-poor**
- There will be a growing amount of people on less solid ground
- There is more growing energy-consumption and production-processes
- We already have a lot of pollution (f.i. nitrogen crisis)



We want Clean Energy!

Why? II

- Besides climate change itself we have pollution and exhausting of the earth
- Our earth and worldwide society is in danger
 - Raising of the sealevel and flooding
 - Extreme weather, burning of forest/nature, flooding of rivers
 - Crop failures
- Too many people and company's and special people with money and power want to remain their position



Clean Energy! Direction

- Work more in coöperation, work towards the tipping point
- Let independent people with important knowledge and plans inform the public
- Make necessary arrangements in politics en between people
- Realise fair, transparent coördinated policies
- Go from fossile to clean and green energy without CO₂ emission
- Expect a lot from small scale activities with potential

Clean Energy! How?

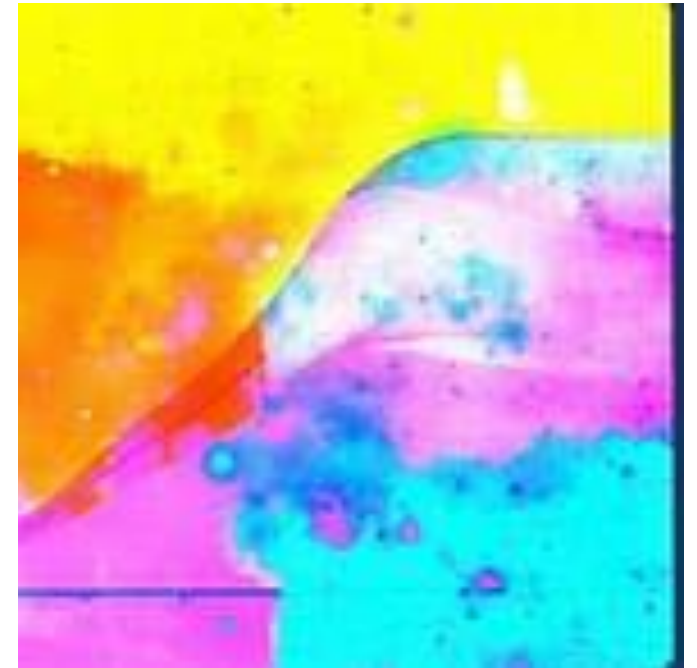
- Responsible behaviour; isolate buildings, diminish the use as much as possible, prevent spoiling energy
- Demand fair coöperation
- Responsible policies, not following classic economy (the economy of growing en producing much waste)
- Follow rules of the “circulair economy” and “donut economy”
- Go from fossile to clean energy without emission of greenhous gases CO₂
- With help from court if necessary

Scientific opinion on planetary health issues

Club of Rome already in 1972: report [*The Limits to Growth*](#)

IPCC: Intergovernmental Panel on Climate Change (scientific panel)

- 4th report (2007) Shock for many people
- 5th report (2014) Start of worldwide action
- 6th rapport (2022) Results can be better



Model Donut economy

Kate Raworth

