

COÖPERATIEVE
UNIVERSITEIT
AMERSFOORT

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- Not bound to established programs → Unconventional research
- Creating opportunities despite scarce academic positions

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- Limited access to literature
 - Less facilities
 - Insecure income

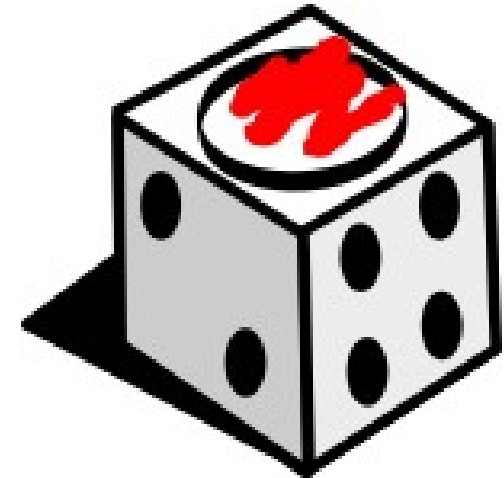
I. Cooperative of independent researchers



Biobased economy:
Protein extraction from
duckweed



Sustainable
construction:
Development of a
3D Concrete printer



Democratic
innovation: Sortition

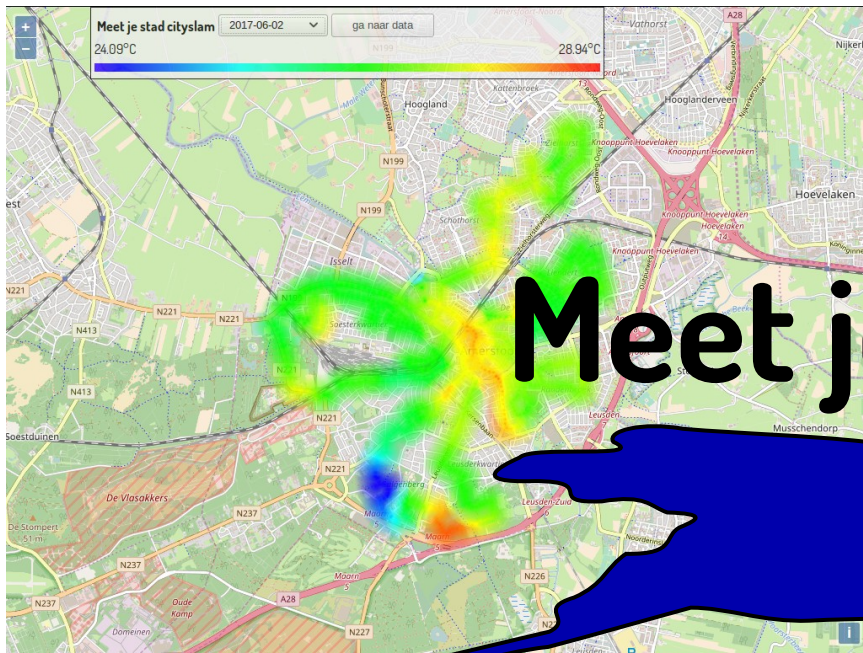
II. Autonomous citizen science

- Own research topics, own research methods within the scientific method
- Increased levels of both education and spare time
- Opportunities out of reach for institutions [Shirky]
- Free from career incentives

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 - Low budget

II. Autonomous citizen science



Meet je stad!



Monitoring of
climate change in
neighbourhoods



Organic growth

2014 Climate adaptation policy: Amersfoort, Vallei & Veluwe

2015 3 year budget, basic science course



2016 Proof of concept sensor station, flora observations

5

50

2017 LoRa coverage

50

100

2018 Big data, spinoffs in Bergen, Tilburg

400

250

2019 Meetkoppel, air quality in Utrecht province, platform

2020 ?

Method

Organisation

Core team

Process oriented

Encouraging initiative

Balancing energy:

- Empowerment ↔ Progress

Interest groups

3 Rules:

- Do it without
- Do it yourself
- Do it together

Finance

Flexible budget:

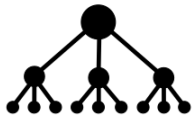
- Buying a solution ↔ Facilitating grass roots R&D

From industrial to collective paradigm

Nederland



100 km/h



© IP



€ GDP

debt



%

Commons



1.8 ha/p



cc p2p



clock GNH

CO₂



%00000

Borrowing from the arts: a diverse landscape



Climate crisis: necessity for collaboration

Agry citizens → engaged citizens

Inflexible clergy → bureaucratic struggle

Unreliable politicians → hostages of a system

Citizen science makes citizens equal partners

Tokens of trust?

Open source

- use, study, adapt and share
- collective ownership: not just the dish but also the recipe and the kitchen inventory

Collective domain

- make commons not consultants
- values above performance

Organic process

- inclusive and diverse
- deliberative decision making
- room for small scale experiment and meaningful failures

More information

chat **riot.im**/app/#/room/#meetjestad:matrix.org

wiki **meetjestad.net**

map meetjestad.net/maps

data meetjestad.net/data

tech **github.com**/meetjestad

conf **koppeling.org**/en/meetkoppel20