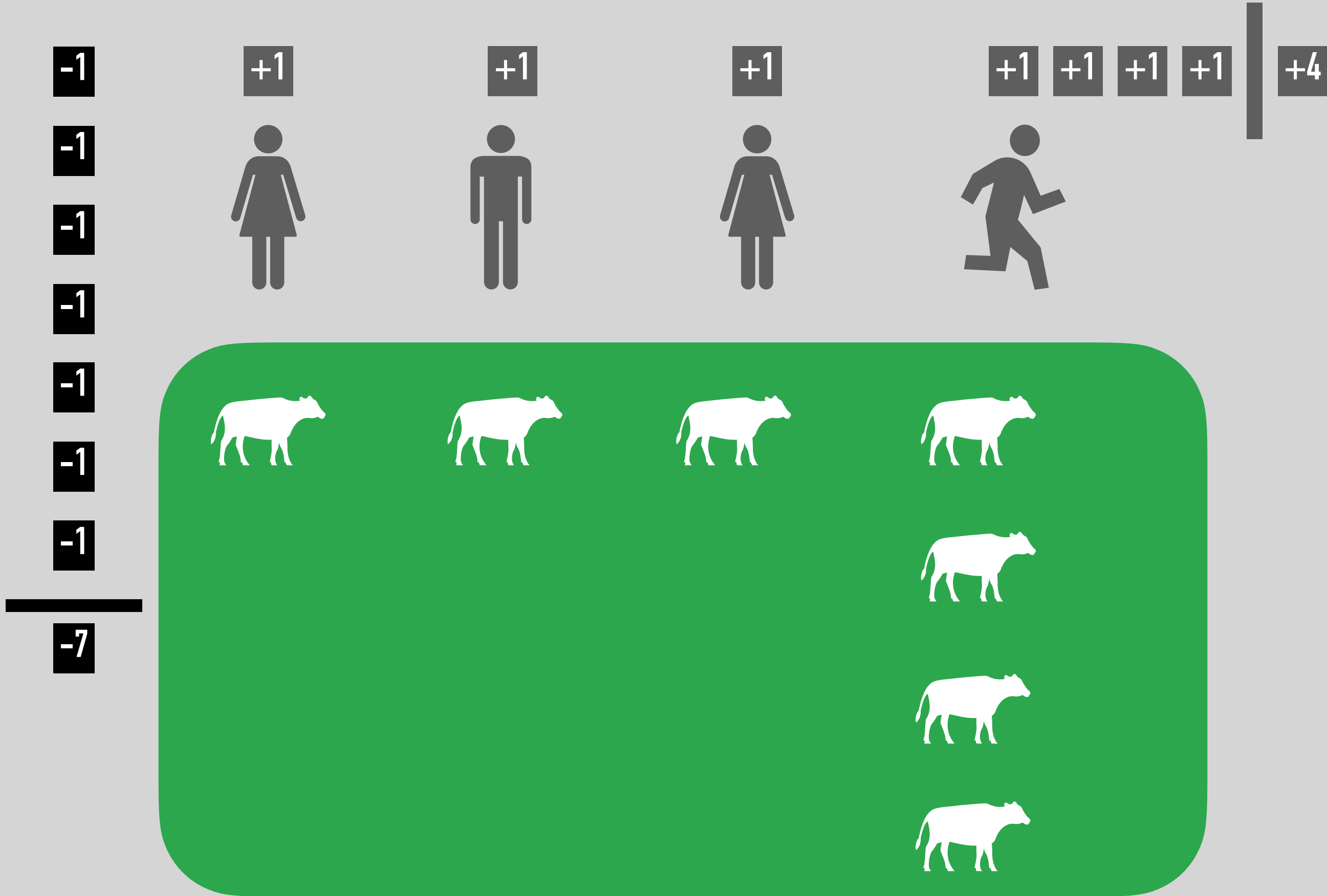




Brede Welvaart

The role of social sustainability in inclusive sustainable prosperity

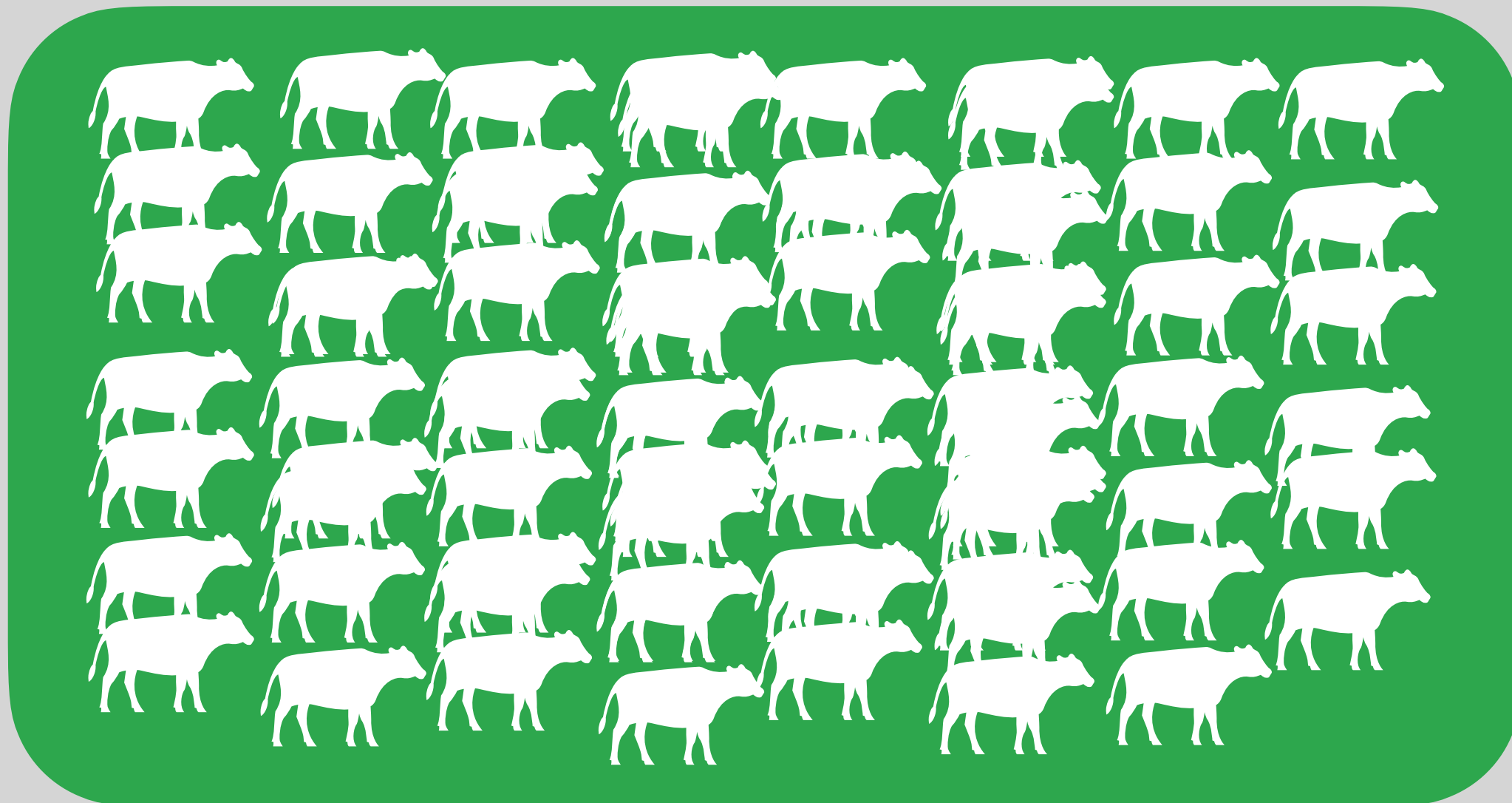
Roberto Rocco
Associate Professor of Spatial Planning and Strategy
Delft University of Technology



BIG INCENTIVE for the farmers to
put more cows to graze in the field

LITTLE INCENTIVE for them to
control the number of cows

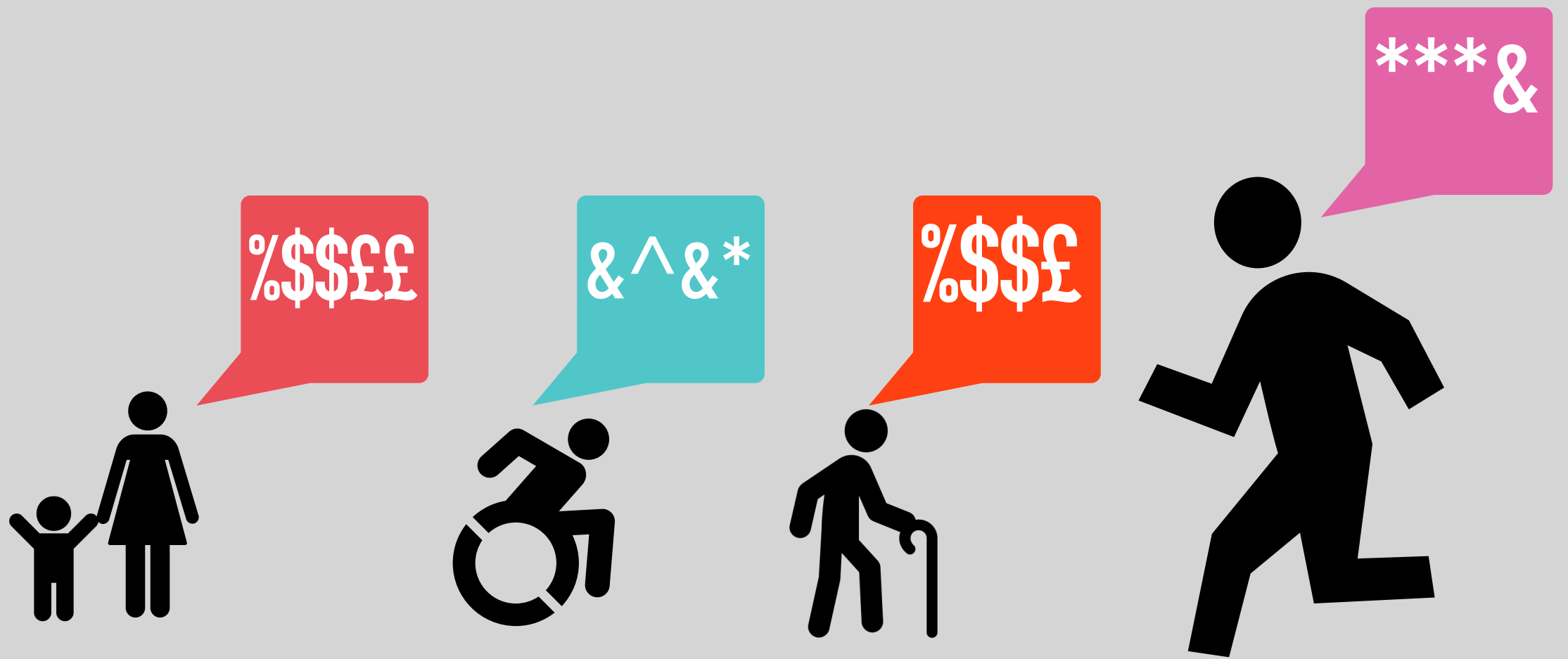
Rational Choice Theory



**The boundaries of
sustainability of the field
have been exceeded and
no resources will be
available for future
generations.**

Unfair for future
generations.

Unfair for the vulnerable
people in THIS generation.

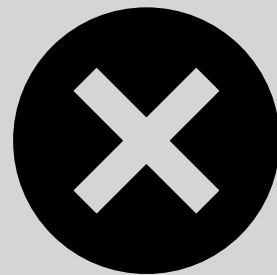


This is the “tragedy” of the
commons:

In a world where everyone is
seeking their own self interest,
if left unregulated, common
resources are destined to
exhaustion.

· But is this
true?

**Rational
choice
theory**



**Collective/
public
rationality
Networked
Governance**

Space

as a scarce resource

Competition
between
spatial needs



There is a geography of spatial advantages

Density

Intensity

Desirability

Services



The Dutch have “cracked the
code” of spatial scarcity with

spatial
planning

But...

Biodiversity crisis

Phosphate crisis

Soil crisis

Peat Meadow crisis

Nitrogen crisis

Affordable Housing Crisis

Space
intensive
activities

How to distribute the
burdens and benefits of
economic
development?

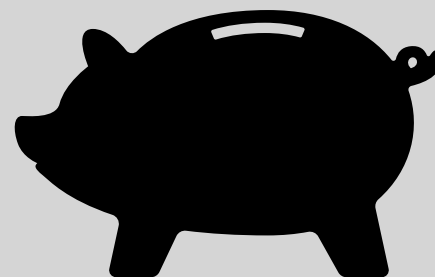
Without stifling
economic prosperity
Without damaging the
environment further

Difficult choices ahead

Sustainability is multidimensional

“Long term sustainability can only exist when its three crucial dimensions occur simultaneously”

LARSEN, 2012



Social Sustainability

Social Sustainability

The social, political and economic structures that support economic and environmental sustainability (and life on our planet).

AMAZON FOREST

An aerial photograph of the Amazon rainforest. The forest is dense with tall, thin trees. Large, thick plumes of white and grey smoke are rising from the forest floor, partially obscuring the trees. The smoke is most concentrated in the upper half of the image, creating a hazy atmosphere. The lighting is somewhat dim, suggesting an overcast day or the smoke blocking the sun.

SMOKE BILLOWS DURING A FIRE IN AN AREA OF THE AMAZON RAINFOREST NEAR PORTO VELHO, RONDONIA STATE, BRAZIL, SEPT. 10, 2019. REUTERS/BRUNO KELLY

An aerial photograph of a polder landscape. The image shows a vast expanse of green agricultural fields, partitioned into numerous rectangular plots by a dense, intricate network of narrow, dark blue canals. The canals form a complex web that crisscrosses the entire area, illustrating the interconnected nature of the polder system. In the upper portion of the image, a small cluster of houses and trees is visible, situated near a larger body of water. The overall scene is a testament to human engineering in land reclamation and water management.

THE POLDER MODEL

NOTE: POLDERS ARE INTERCONNECTED. THEY DO NOT EXIST IN ISOLATION BUT A PART OF A A VERY INTRICATE SYSTEM

[HTTPS://SPREEKBEURTEN.INFO/DIJKEN.HTML/POLDERS](https://spreekbeurten.info/dijken.html/polders)

Collective action

Consensus seeking

Faith in institutions

Coordination

Respect for individuals freedoms

X

Unpleasant measures

[HTTPS://BEST-WALLPAPER.NET/STREET-CAR-TRAFFIC-JAM_WALLPAPERS.HTML](https://best-wallpaper.net/street-car-traffic-jam_wallpapers.html)

Conditions for

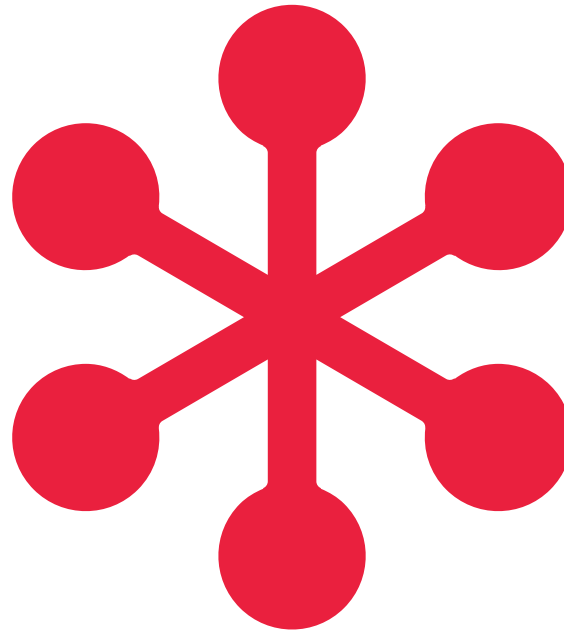
effective

COORDINATION

HIERARCHIC GOVERNANCE



NETWORKED GOVERNANCE



MARKET GOVERNANCE



RULES

GERMANY/ EAST EUROPE

GIVING INFORMATION

DEPENDENCY

PARTNERSHIPS

SCANDINAVIA/ NL

DIALOGUE

INTERDEPENDENCY

MARKET

UK/ IRELAND

MARKETING CAMPAIGN

INDEPENDENCY

Justice
underscores
social sustainability

Moral imperative:

“Leave no one
behind”

Acceptability

Support

Compliance

Suitability

Coordination

The transition to
sustainability is
urgent,
but is it **fair**?

Spatial Justice

The fair distribution
of burdens and
benefits of
development.

Distribution

(of resources in space):

Distributive justice

How (and by whom) it is decided:

Procedural justice

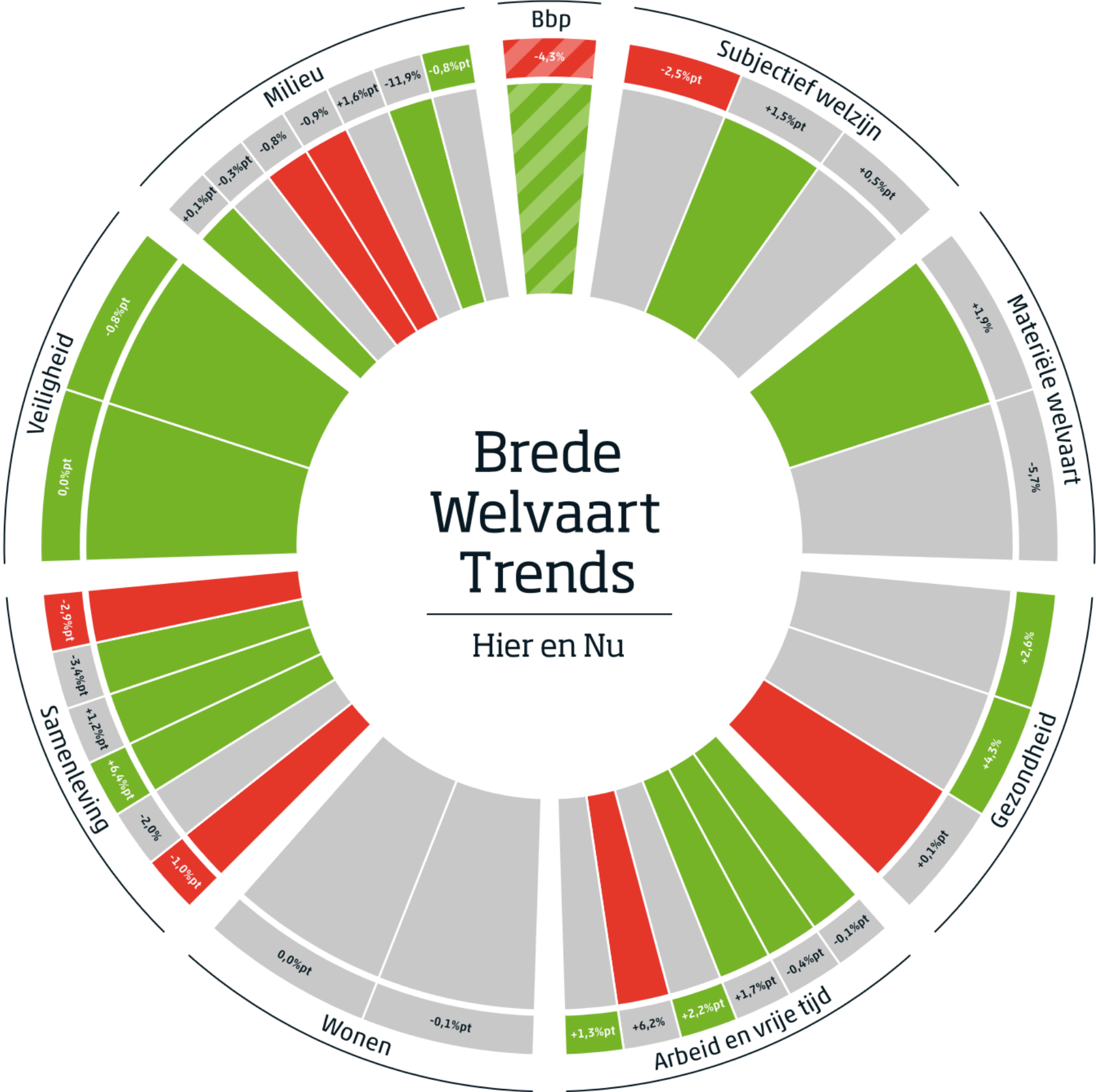
Communicative instruments for
negotiation among diverse
conception of justice

Health
Education
Sense of security
Societal cohesion
Accessibility
Quality of living environment

Not only here and now, but also
looking at the pressure we are
putting on future generations
with our needs and desires.

ACCOUNTABILITY

Brede-welvaarttrends (BWT): hier en nu



Contact with family, friends and neighbours
(2/23)

Participation and accountability (4/27)

Faith in institutions (3/23)

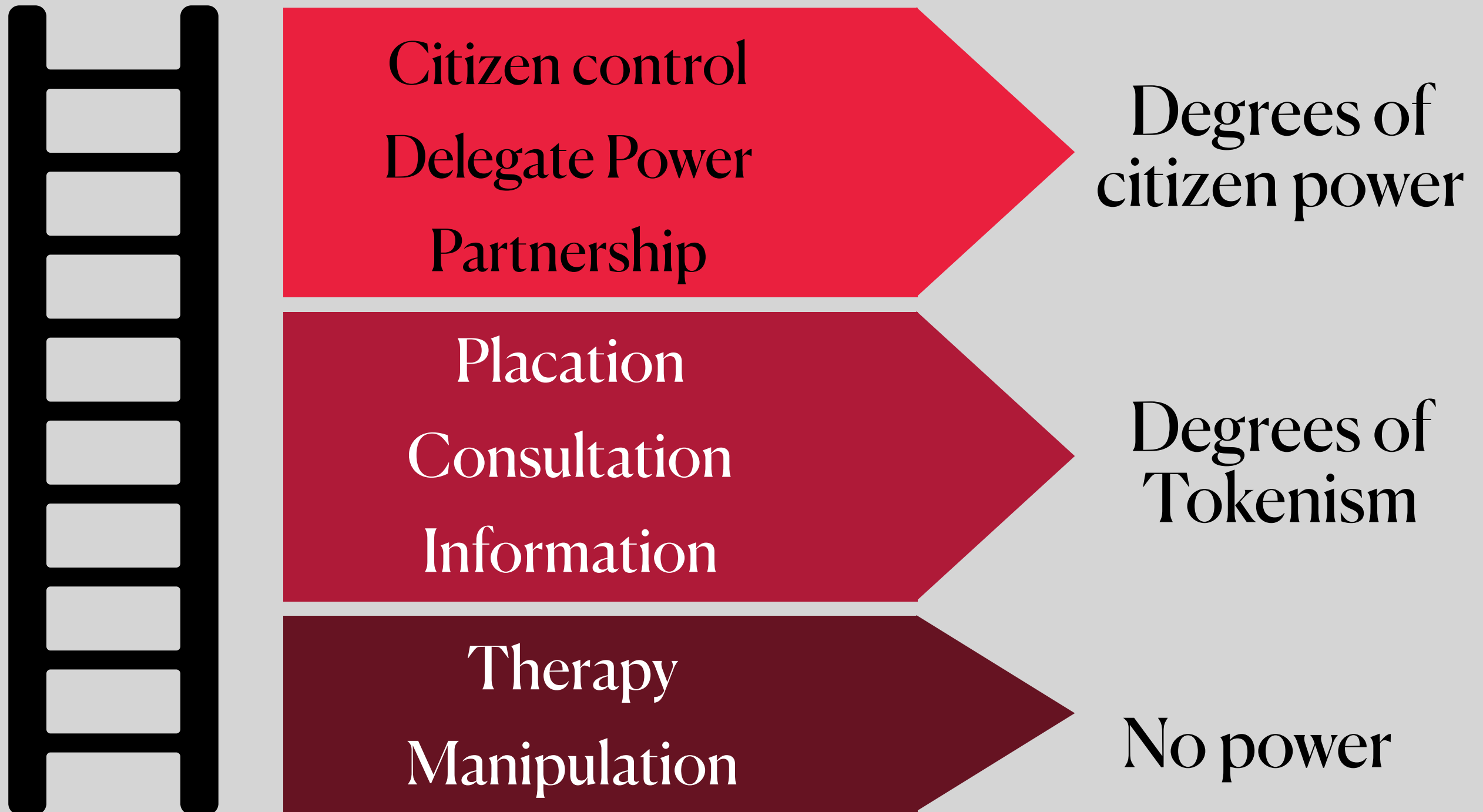
Faith in people (3/23)

Development of norms and values (*)

Voluntary work (1/27)

Ladder of citizen participation

Arnstein (1969)



Public
rationality?



accountability



accountability



By Michielverbeek - Own work, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=31715251>

**We are thinking
participation in the
wrong way.**

CULTURE of

participation

Co-design x

Co-creation

Citizen “client”

X Citizen learner

X Citizen partner

‘Right to the City’

Henri Lefebvre, *Le droit à la ville*, 1968

The right to shape your living
environment to your needs and desires,
The right to participate in the governance
of the city.

Examples of citizen empowerment

Citizens' Convention for the Climate



[HTTPS://WWW.CONVENTIONCITOYENNEPOURLECLIMAT.FR/EN/](https://www.conventioncitoyennepourleclimat.fr/en/)

[HTTPS://WWW.FACEBOOK.COM/CONVCITOYENNE/PHOTOS/A.120563659339647/208996803829665/?TYPE=3&THEATER](https://www.facebook.com/CONVCITOYENNE/PHOTOS/A.120563659339647/208996803829665/?TYPE=3&THEATER)

Examples of citizen empowerment

Citizens' convention for the climate



[HTTPS://WWW.CONVENTIONCITOYENNEPOURLECLIMAT.FR/EN/](https://www.conventioncitoyennepourleclimat.fr/en/)

[HTTPS://EUROPEANCLIMATE.ORG/A-TALE-OF-TWO-CITIZENS-ASSEMBLIES/](https://europeanclimate.org/a-tale-of-two-citizens-assemblies/)

Examples of citizen empowerment

PARTICIPATORY BUDGET

Participatory Budgeting in New York City



Real Money.
Real Projects.
Real Power.



HOW WOULD YOU SPEND \$1 MILLION OF THE CITY'S MONEY?

COME TELL US HOW:

Monday, Oct 24, 2011

Tabernacle of Praise

1274 Utica Avenue

(betwn Ave D and Foster)

6-8:30PM

BY DANIEL LATORRE - [HTTPS://WWW.FLICKR.COM/PHOTOS/NEOTINT/6267976938](https://www.flickr.com/photos/NEOTINT/6267976938), CC BY 2.0, [HTTPS://COMMONS.WIKIMEDIA.ORG/W/INDEX.PHP?CURID=62853174](https://commons.wikimedia.org/w/index.php?curid=62853174)

Be a part of a new way of making decisions
about public money in New York City.

Global Network of Urban Planning and Design Labs

<https://unhabitat.org/network/global-network-of-urban-planning-and-design-labs>

The development of prosperity in the broad sense of the word – economic, ecological and social – in the Netherlands and progress with regard to the United Nations' SDGs.

The Monitor does not only look at the level of broad prosperity 'here and now', but also to what extent this pursuit of prosperity puts pressure on subsequent generations in the Netherlands (broad prosperity 'later') and on other countries (broad prosperity 'elsewhere'). . In addition, the monitor examines how broad prosperity is distributed among certain groups in society. This year, for the first time, we are also looking at the shock resistance of our broad prosperity.

The publication also extensively examines how broad prosperity in the Netherlands is developing in the light of the 17 Sustainable Development Goals (SDGs). It has been determined for each indicator which trend it has from the perspective of the SDG objective and which position the Netherlands occupies for that indicator in the European ranking. Synergies and trade-offs within and between the SDGs are also examined

THANKS FOR LISTENING

Questions?

You can also write to r.c.rocco@tudelft.nl