

# Nieuwland Amersfoort: lessons learned

[zurück](#)

Needed:

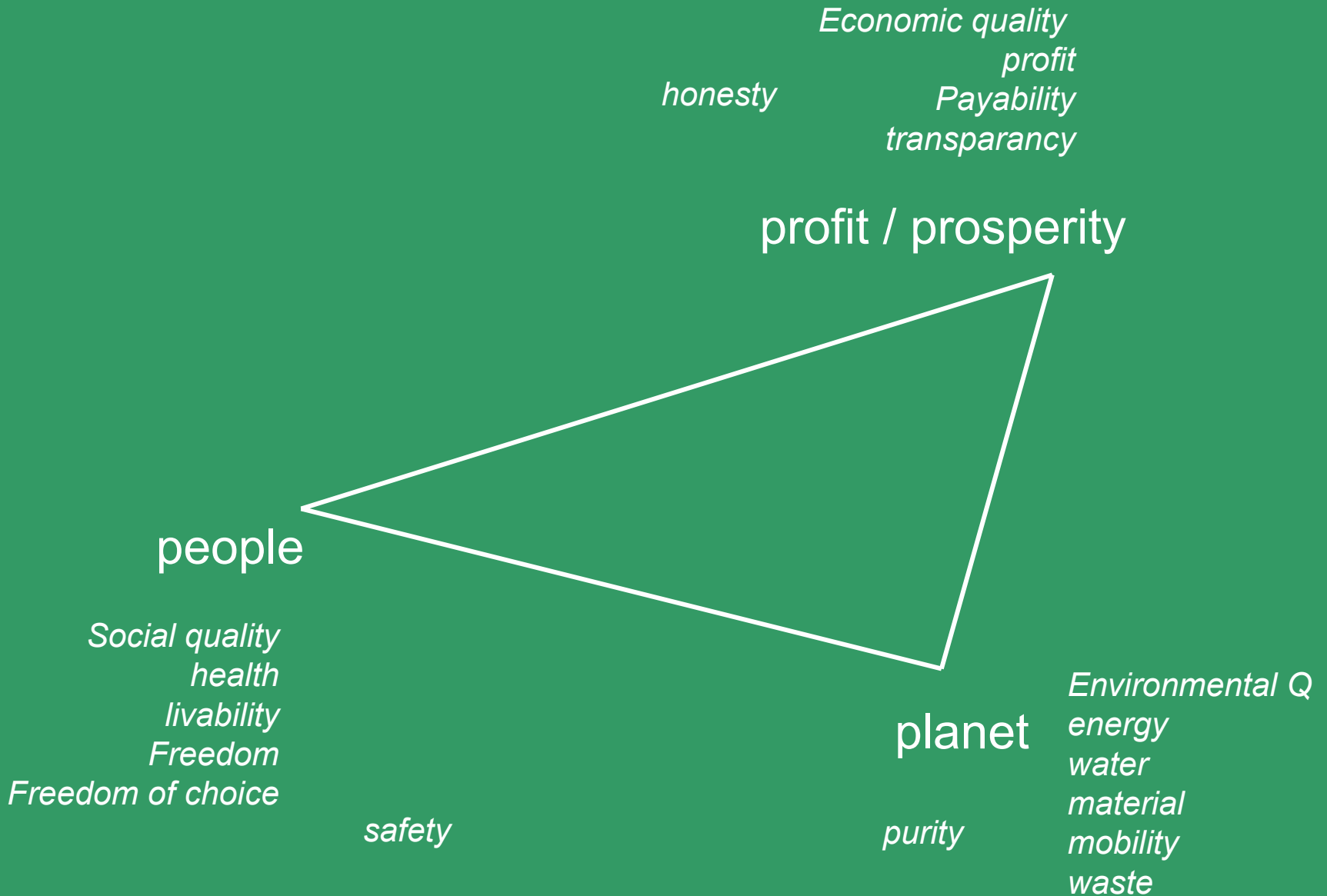
- View  
building & sustainable development
- Interdisciplinary cooperation  
z.b.: from 3 supervisors to 1 quality team  
maximization method for urban plans

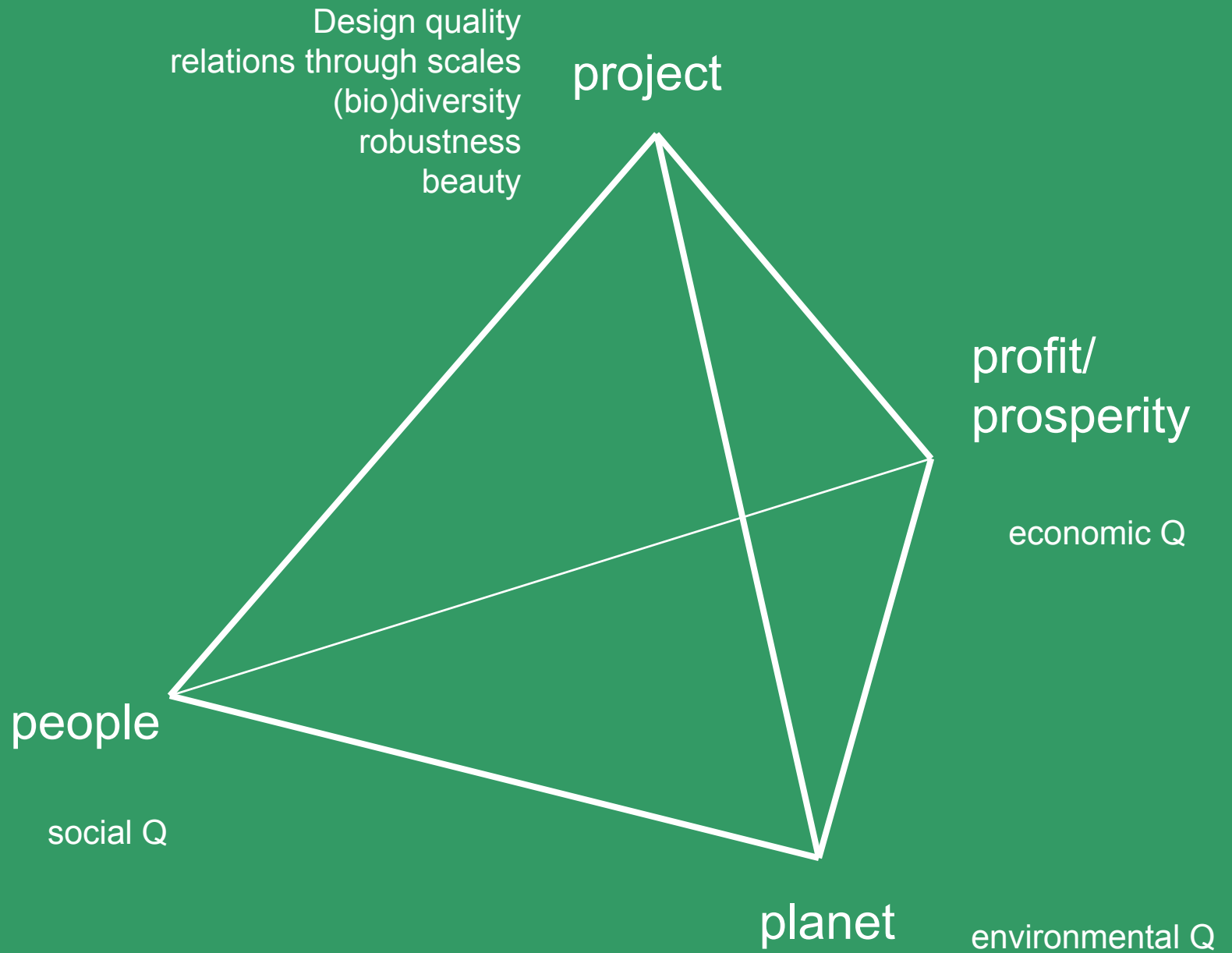
# Sustainable

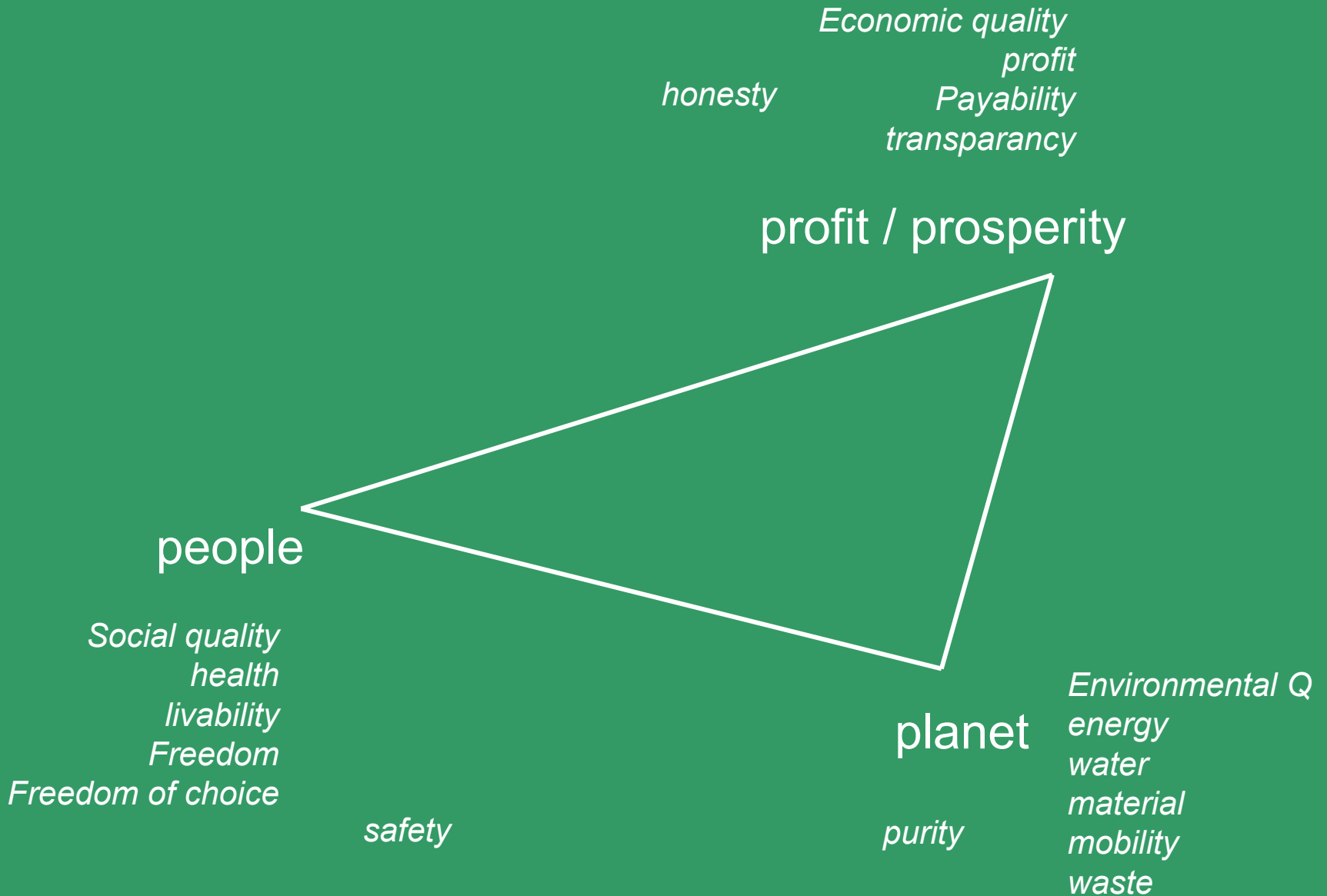
- Sustainable building  
comes from:  
Sustainable Development (Brundtland)

# Sustainable development

- According to the Brundtland report sustainable development is “a development where the needs of the present generation are met, without the possibilities of the future generations being declined”









For some people  
it is hard to get used to  
transparency

As seen from outside



As seen from outside



As seen from inside

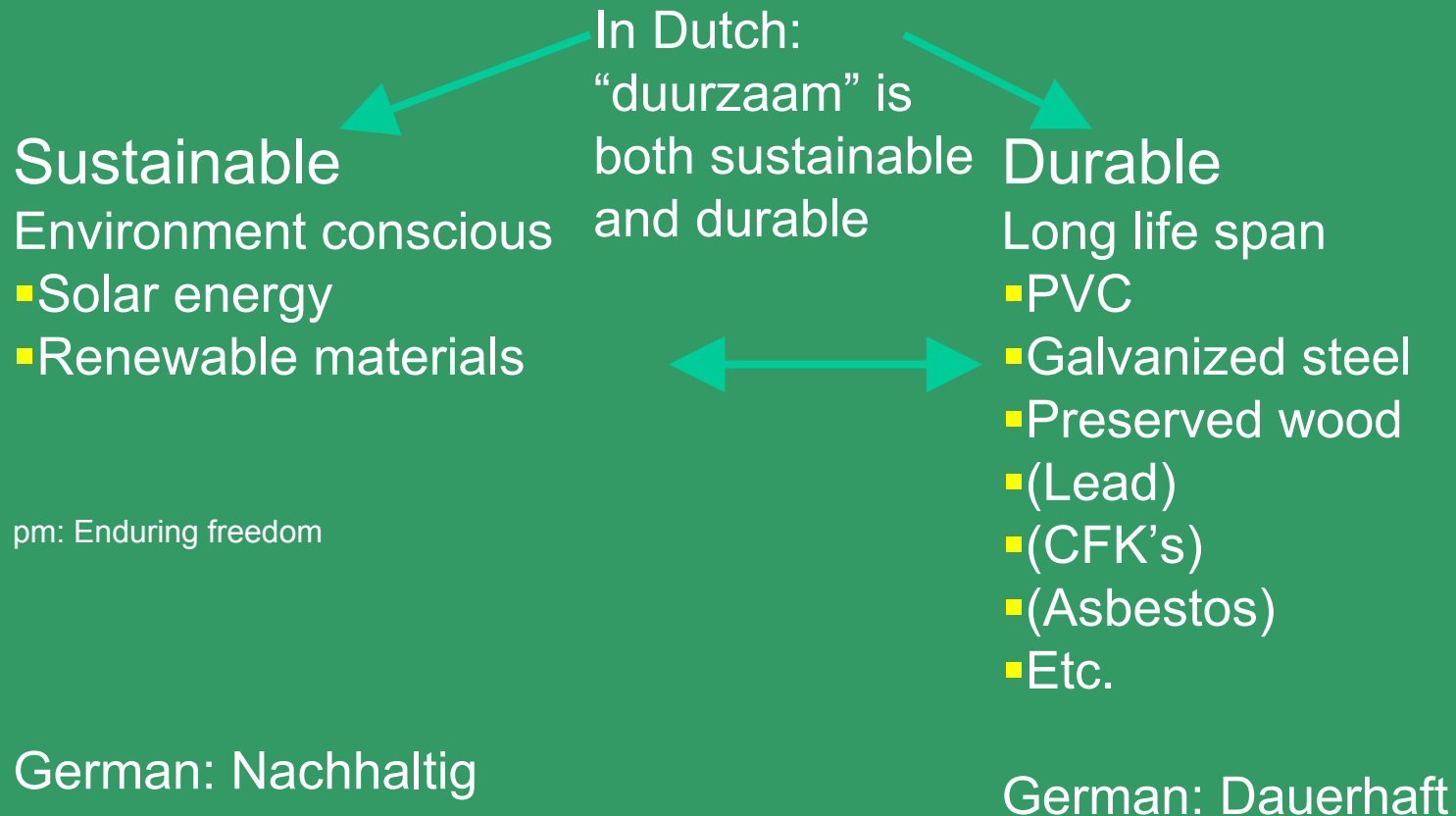


# Sustainable building

- Sustainable building is building in such a way that the present needs are met without the possibilities of other people and □future generations being restricted.

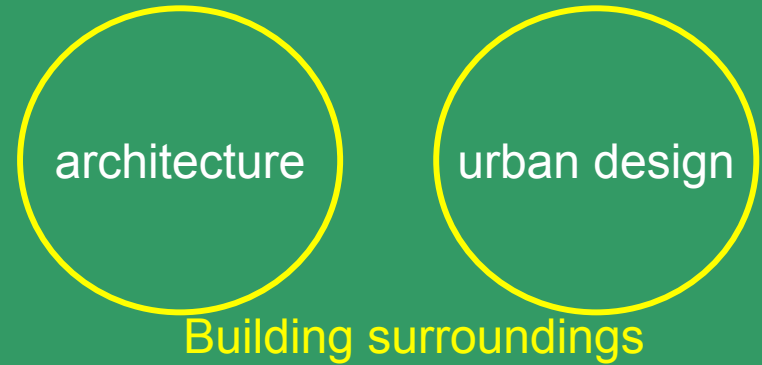
# Sustainable versus Durable

## Nachhaltig versus Dauerhaft

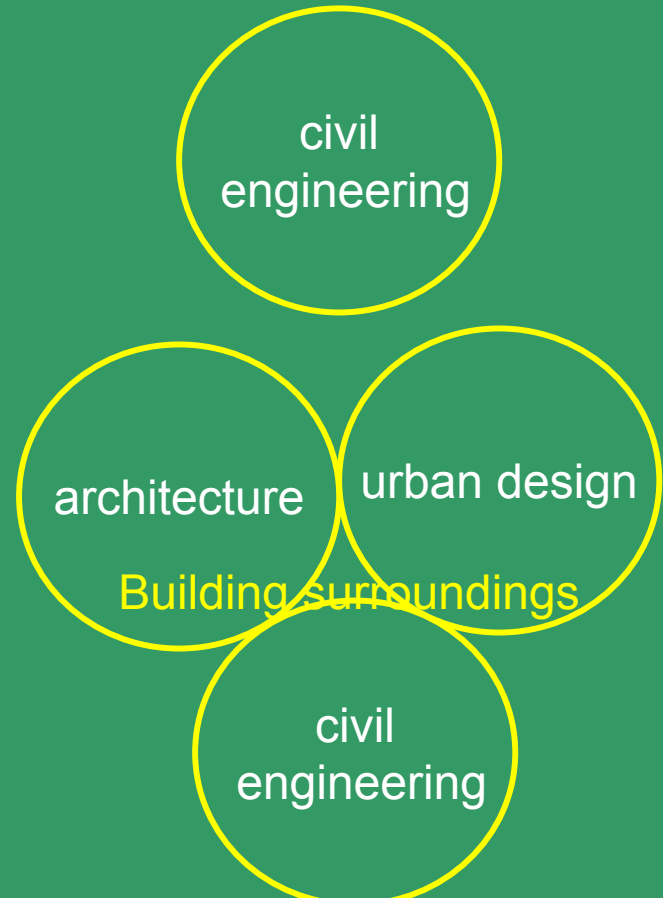


# Co-operation

Mono-disciplinary

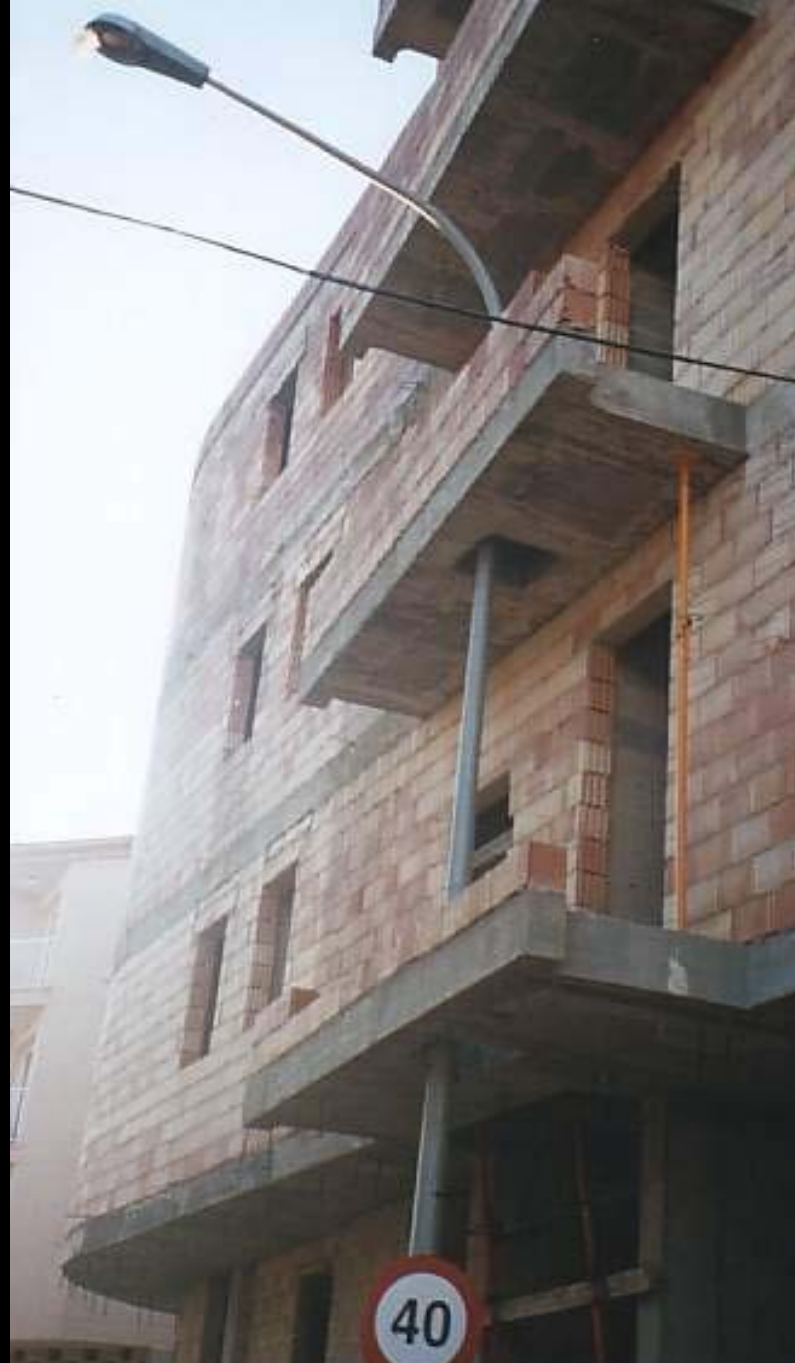


Multi-disciplinary



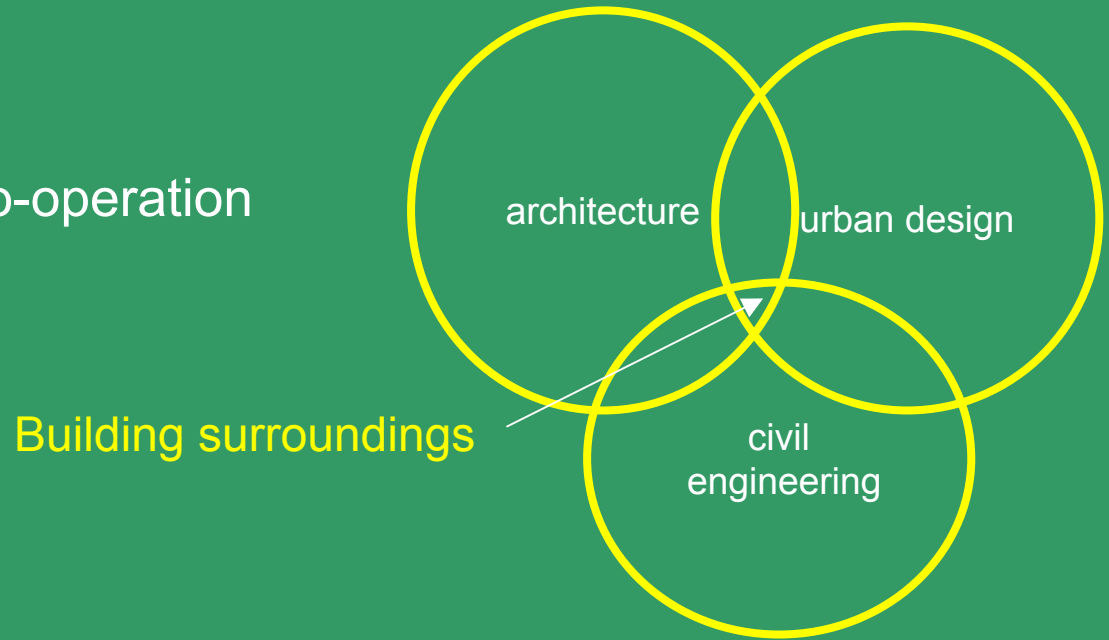


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# Needed

Inter-disciplinary co-operation







# Transdisciplinary cooperation

Transdisciplinary  
cooperation z.b.  
FSC THW

Building professionals

designers

builders

developers

NGO's

Greenpeace

NIDO

Milieudefensie

consumers

producers

markets

DIY-ers

EZ

VROM

government & policy

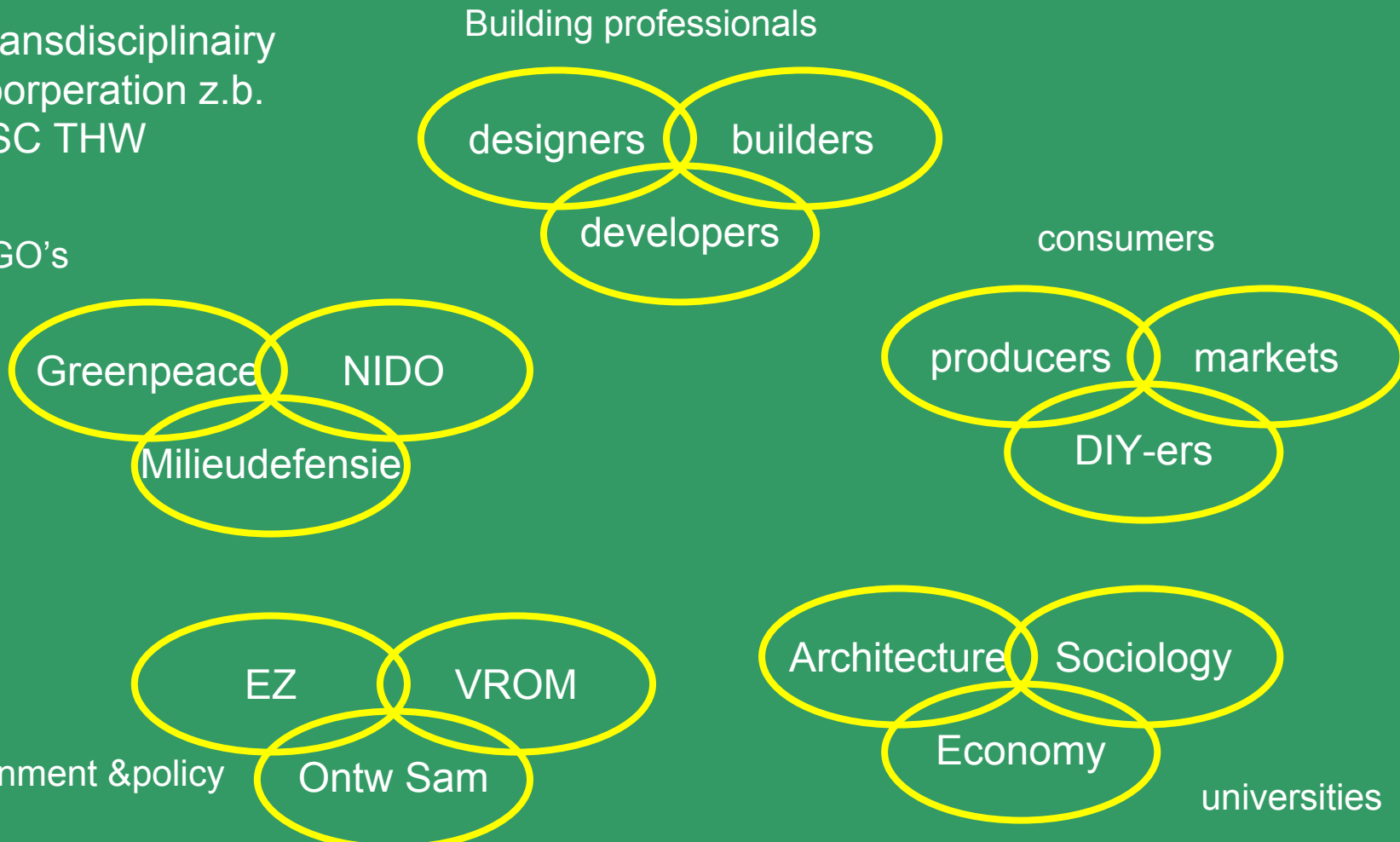
Ontw Sam

Architecture

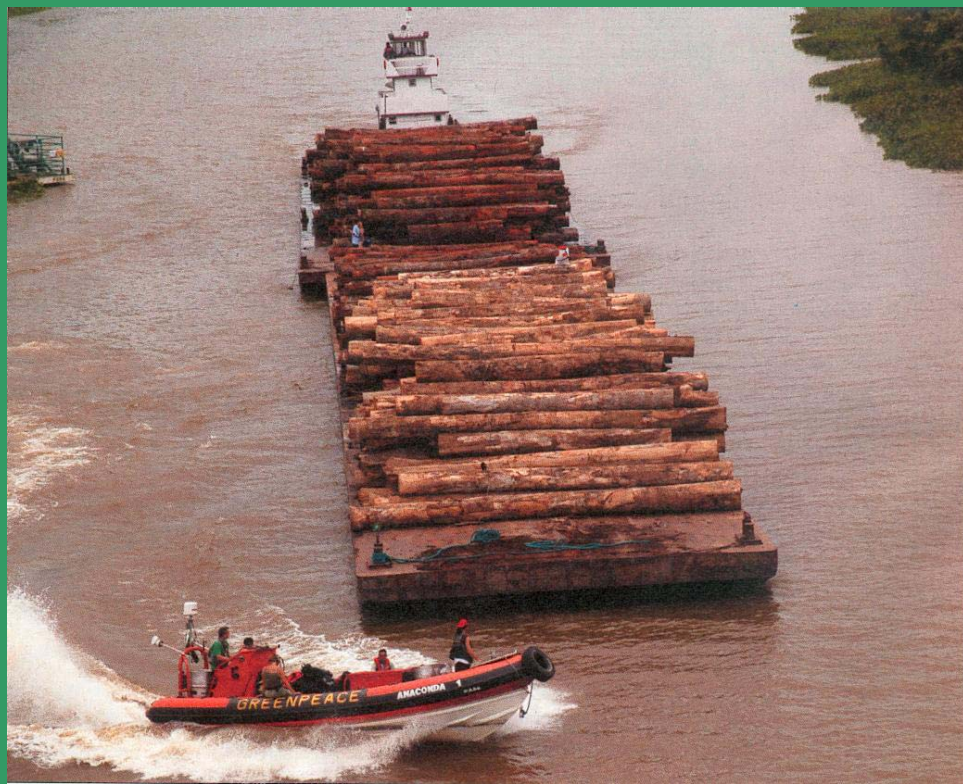
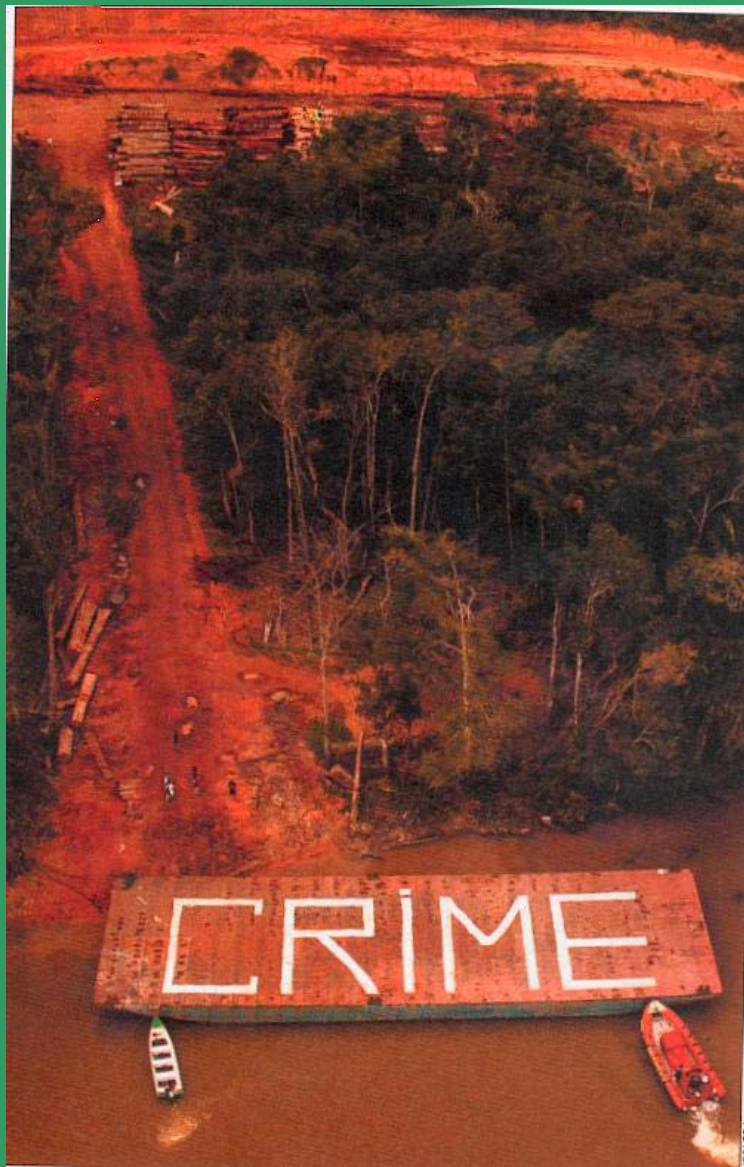
Sociology

Economy

universities



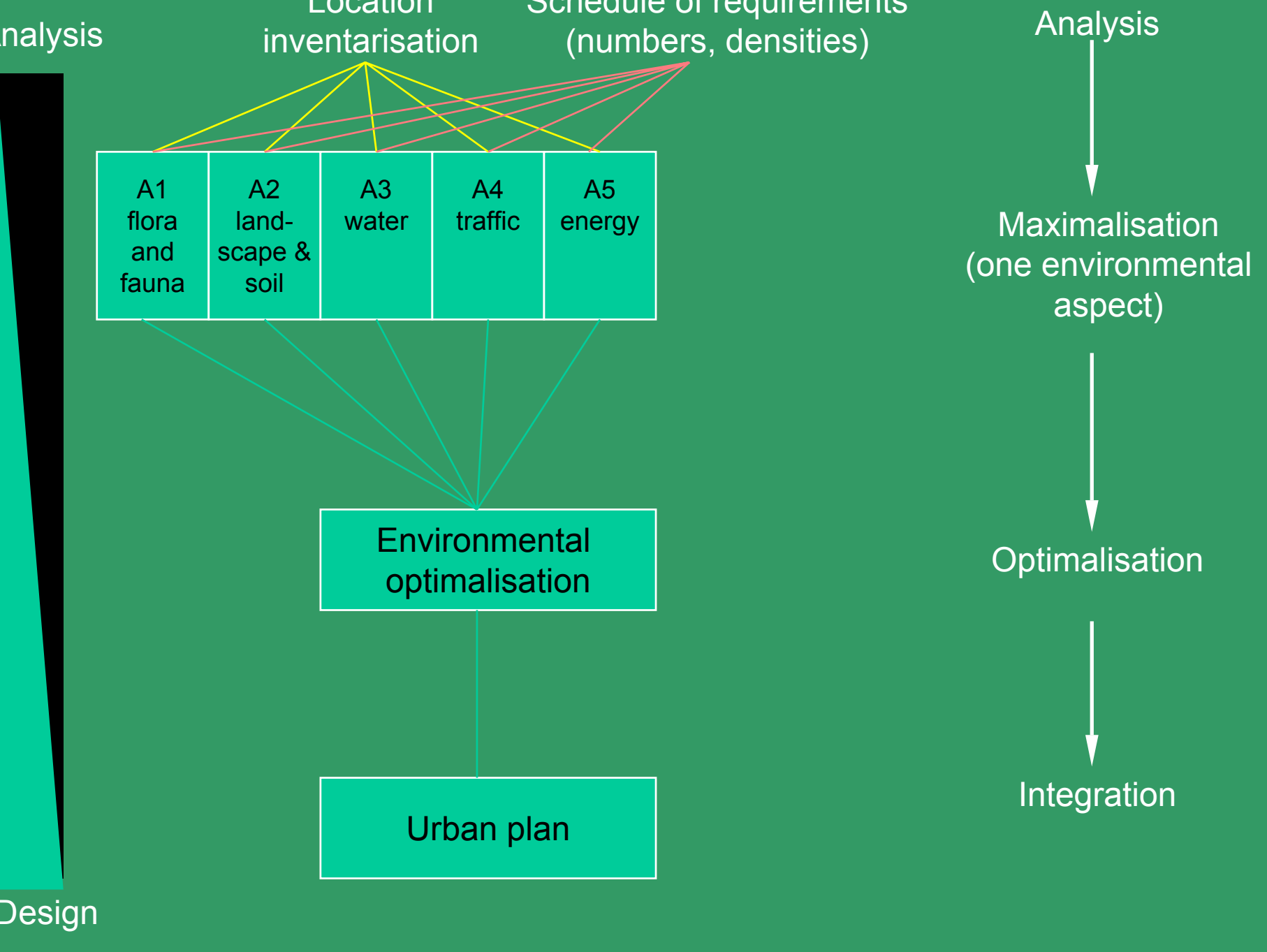




# Structure in ecological urban design

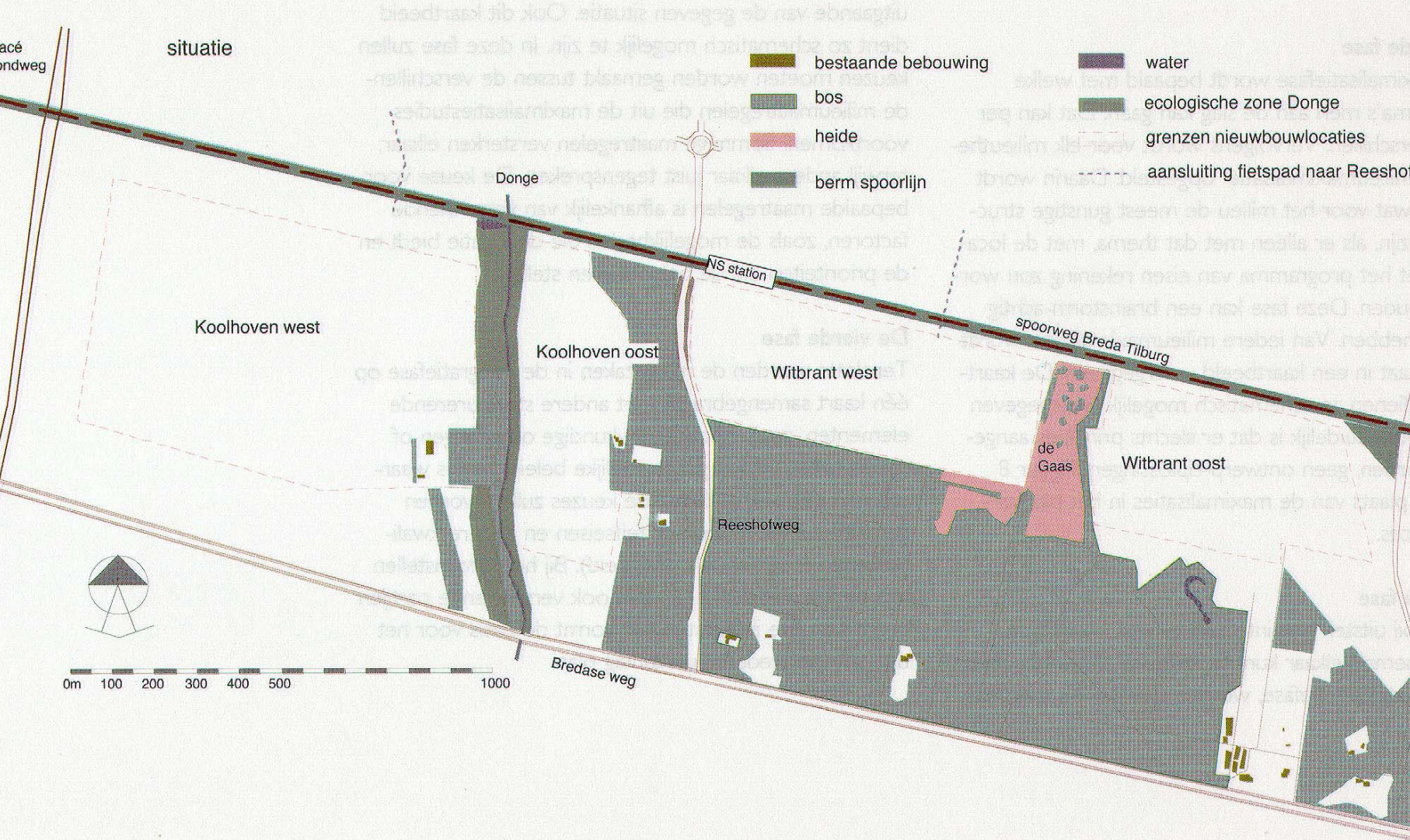
## A. Structure

- Flora and fauna
- Landscape and soil
- Water system
- Traffic system
- Energy system
- Domestic waste



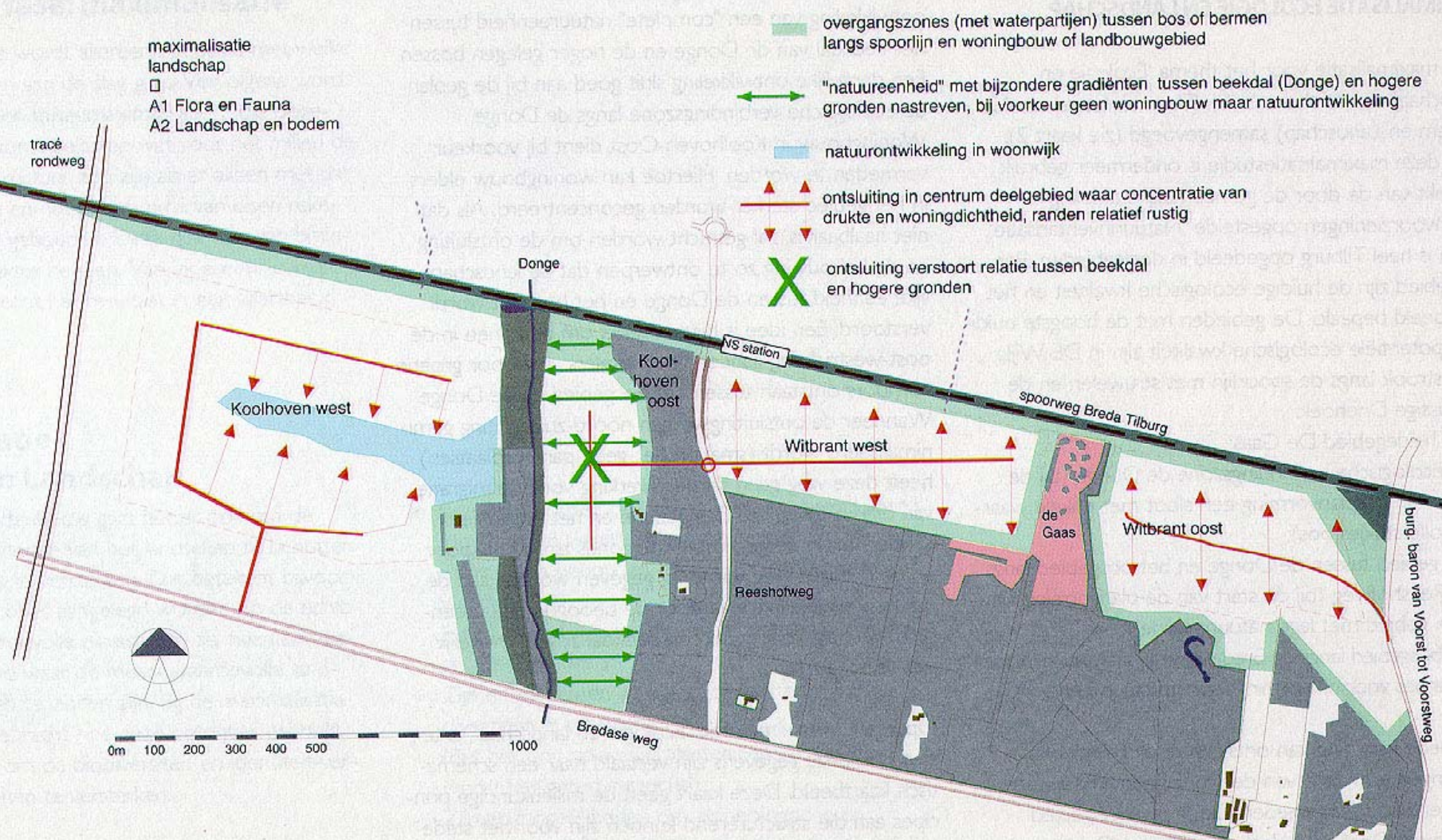


# “MMM” in “De Wijk Tilburg”: location



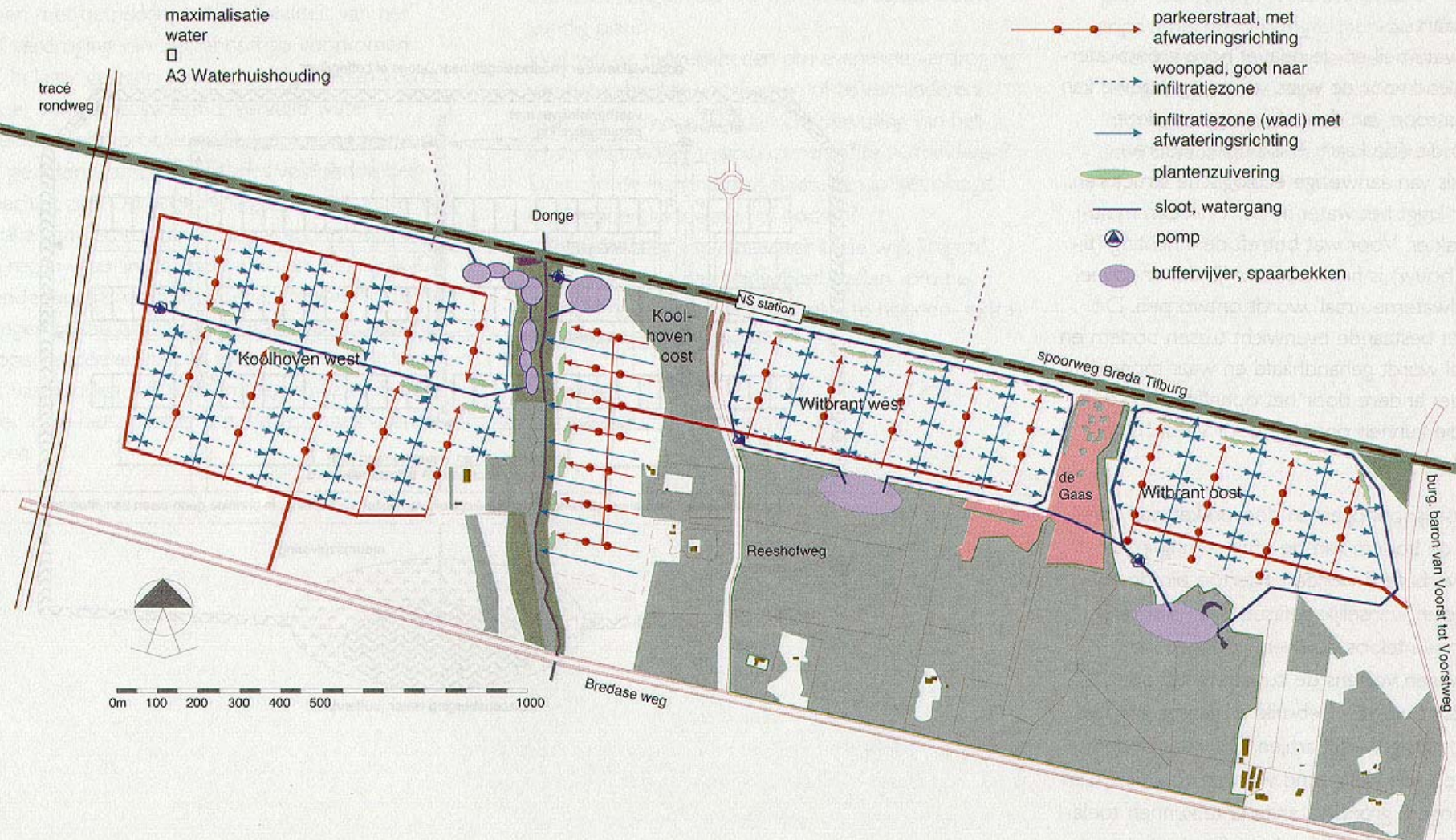


# Flora, fauna, landscape, soil



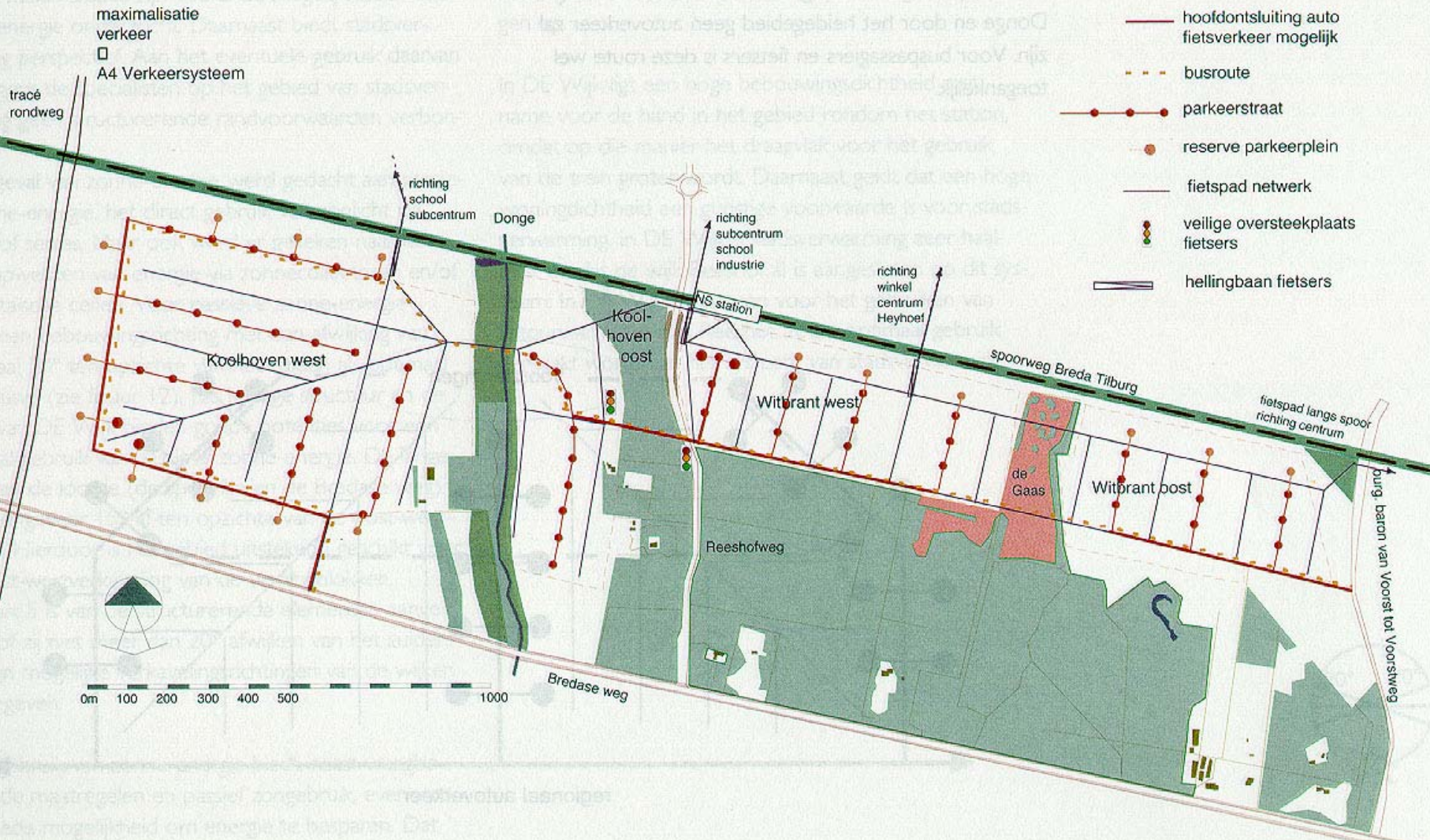


# Water



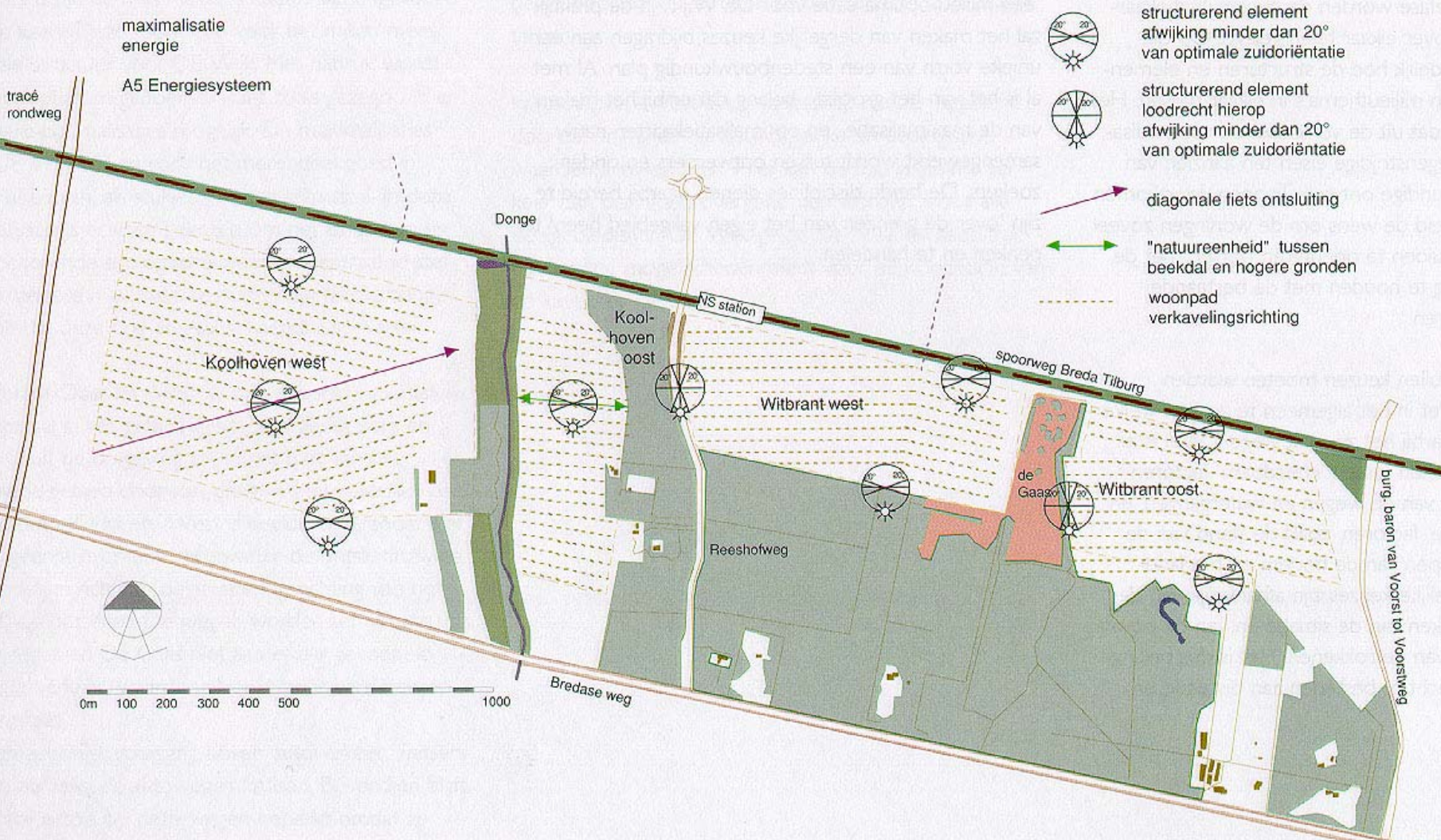


# Traffic



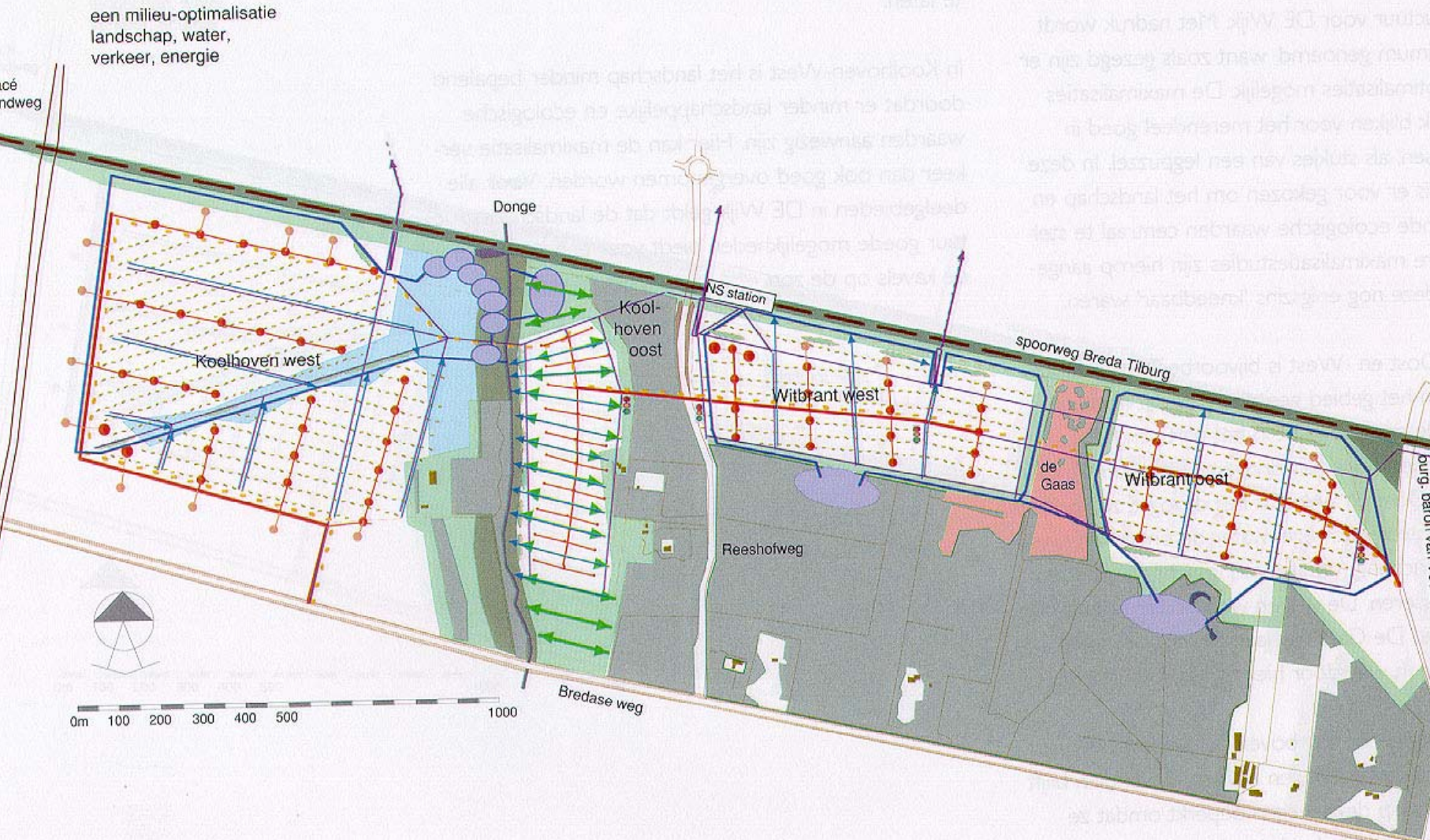


# Energy, (solar orientation)





# Environmental optimisation

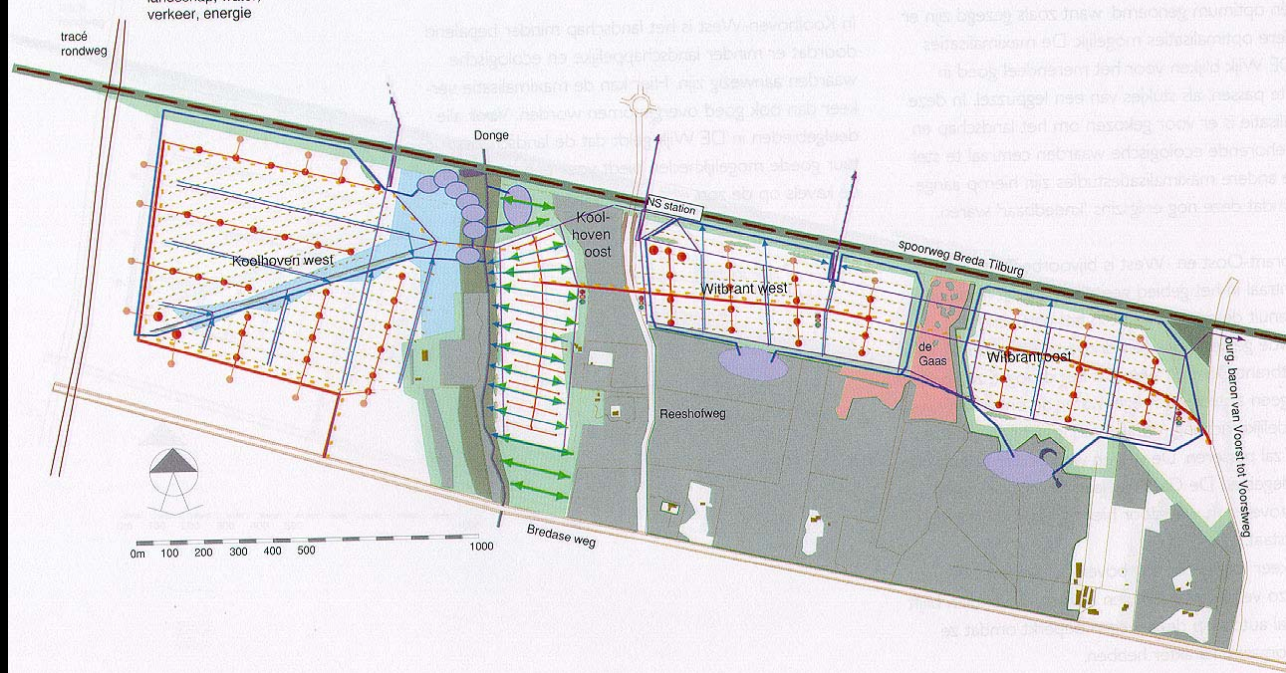


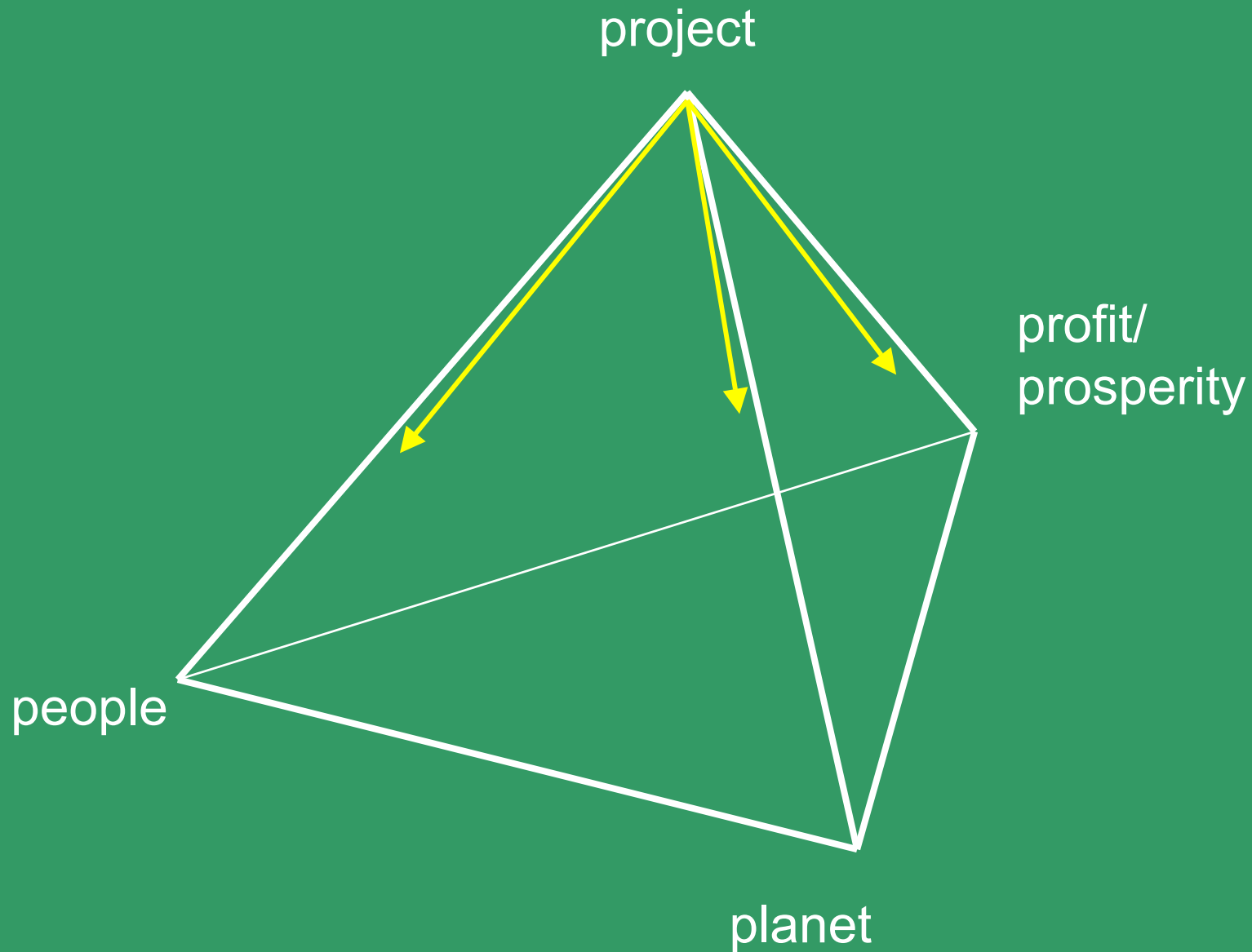


# integration

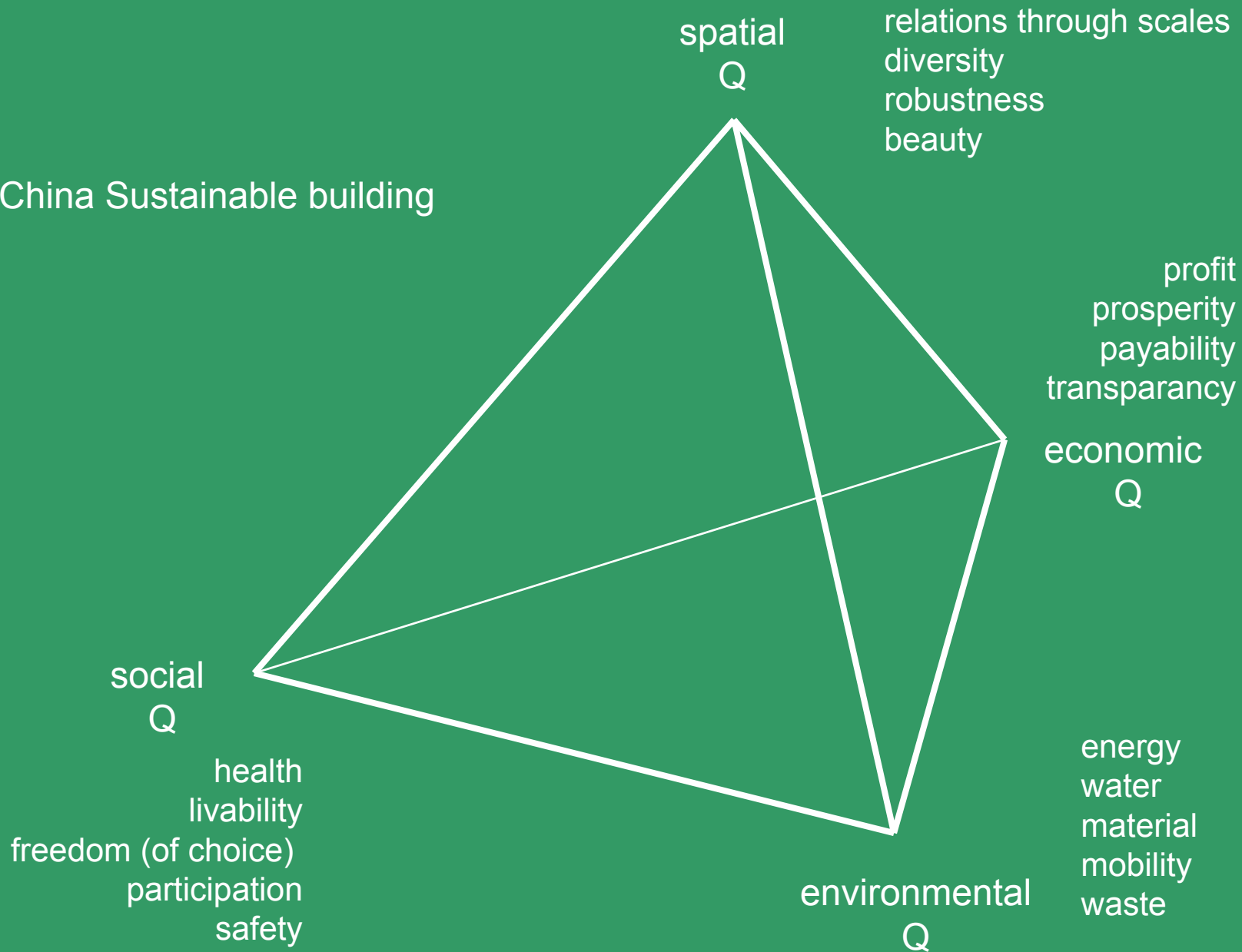








# China Sustainable building

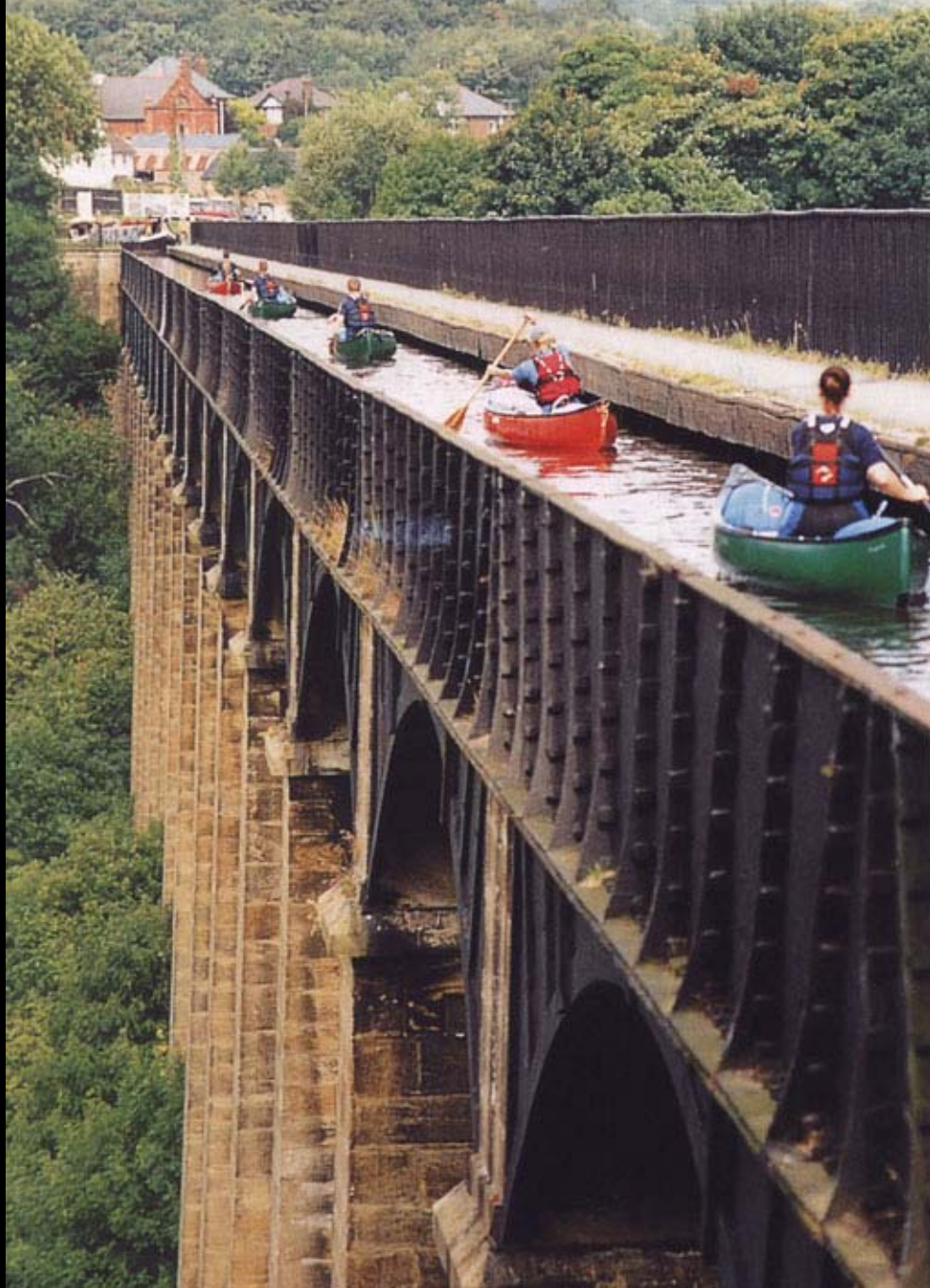
















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