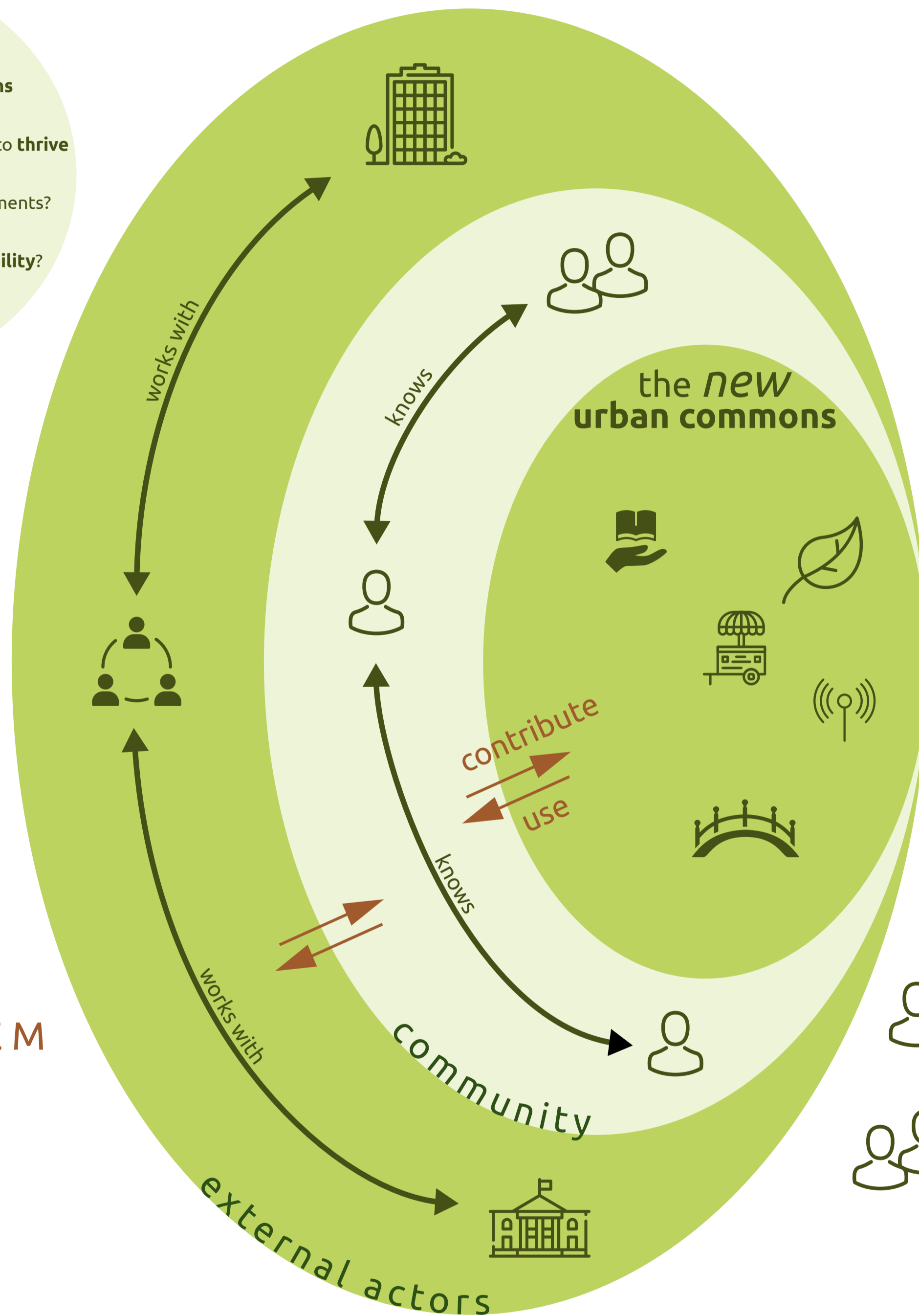


Facilitating Sustainable Community-Based Urban Commons Governance Systems

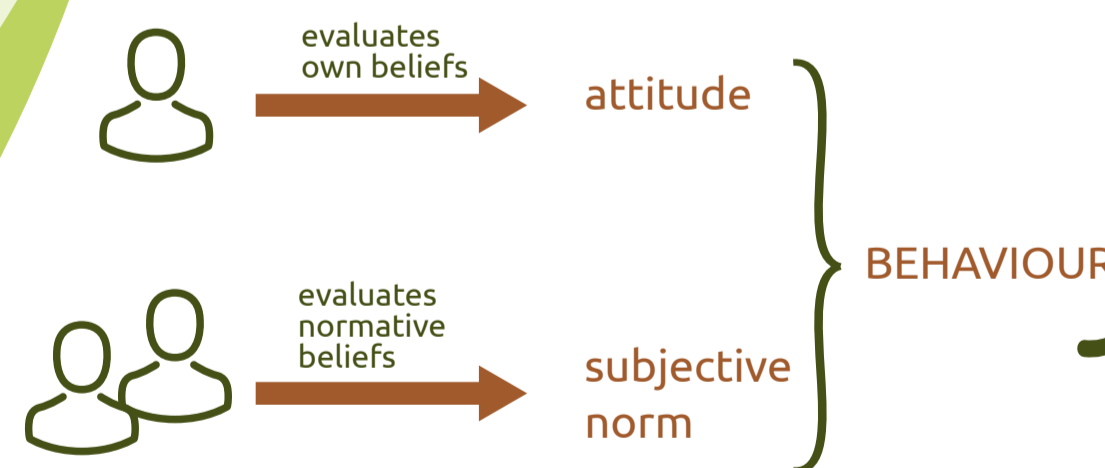
THE PROBLEM

- unclear definition of **urban commons**
- difficulty for community governance syst. to **thrive**
- role of **polycentric** governance arrangements?
- impact on urban **resilience & sustainability**?



THE SYSTEM

- EXTERNAL INSTITUTIONS
- INTERNAL INSTITUTIONS
- THREATS
- OPPORTUNITIES
- WEAKNESSES
- STRENGTHS



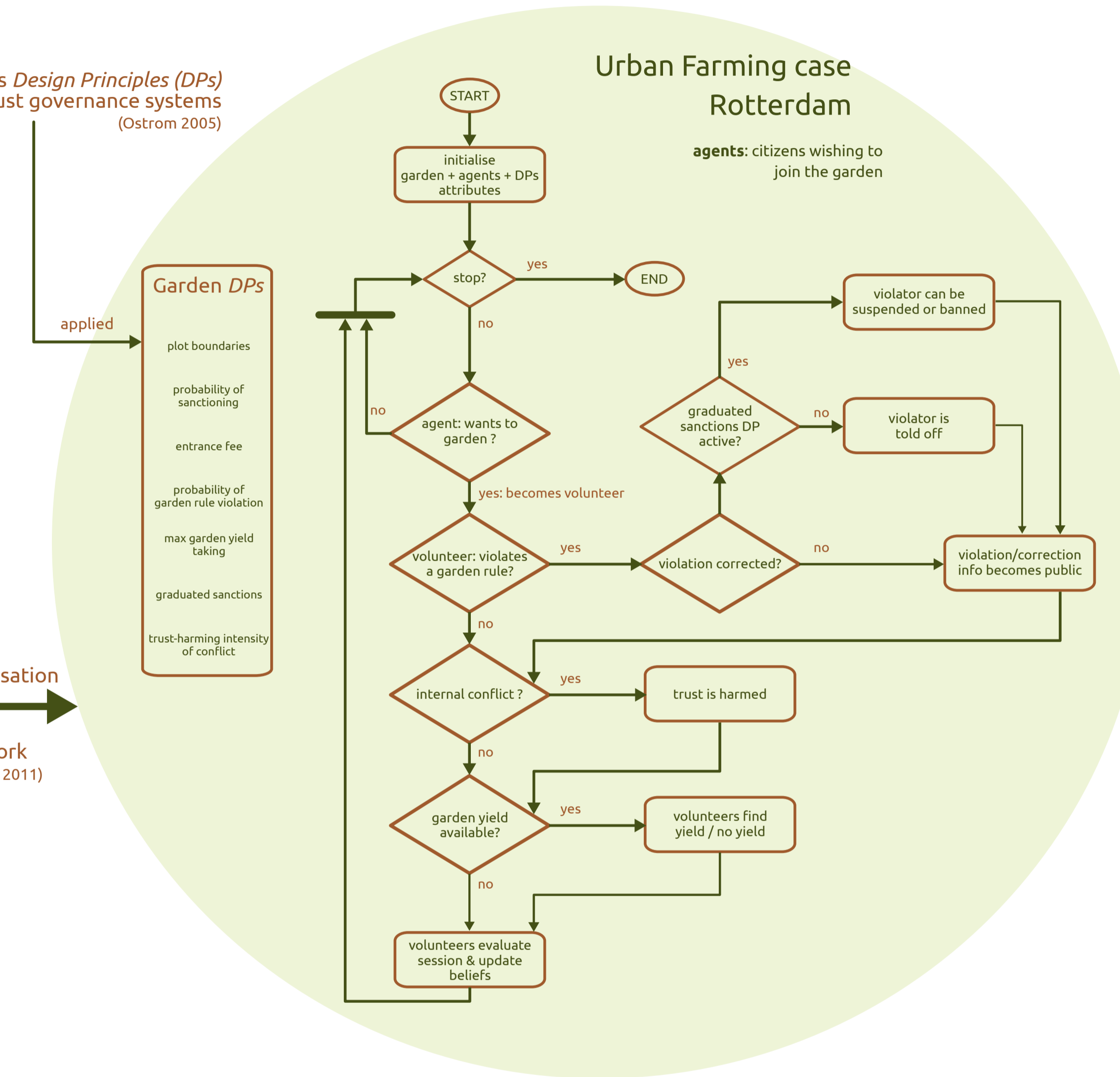
Ostrom's *Design Principles (DPs)* for robust governance systems (Ostrom 2005)

- applied
- Garden DPs
 - plot boundaries
 - probability of sanctioning
 - entrance fee
 - probability of garden rule violation
 - max garden yield taking
 - graduated sanctions
 - trust-harming intensity of conflict

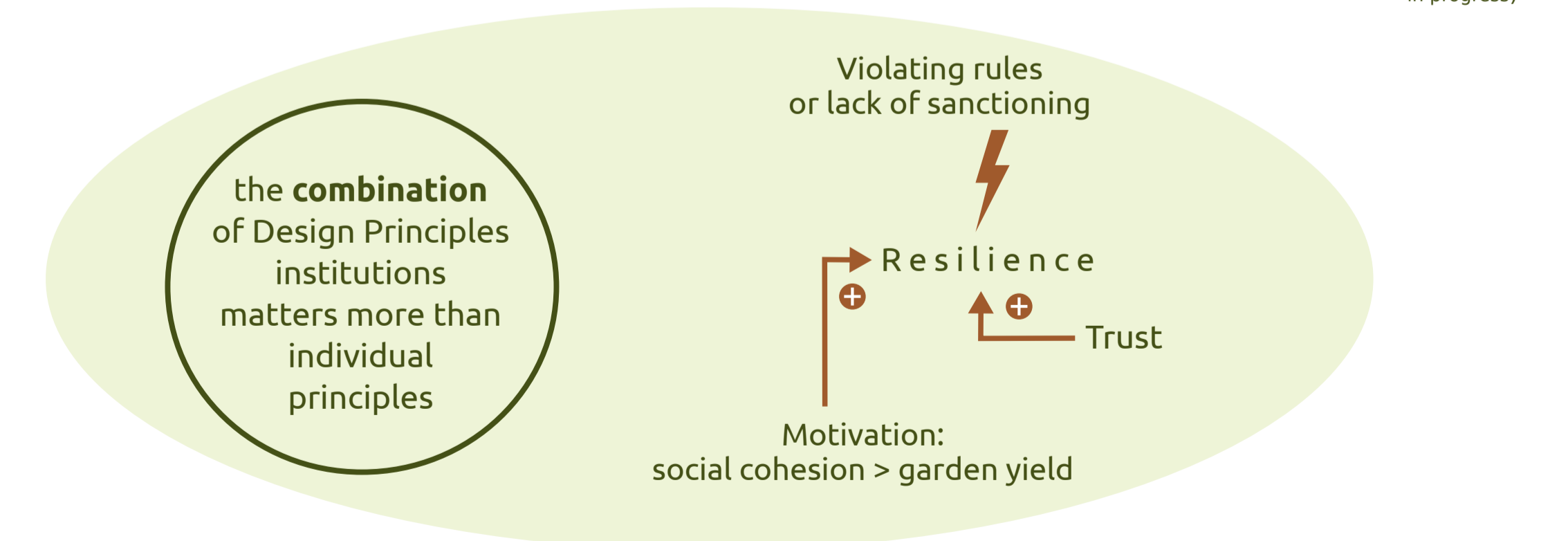
conceptualisation

IAD framework (Ostrom 2011)

NARRATIVE MODEL OF AN AGENT-BASED MODEL



FINDINGS



(Hooijschuur, Feinberg & Ghorbani 2018, in progress)