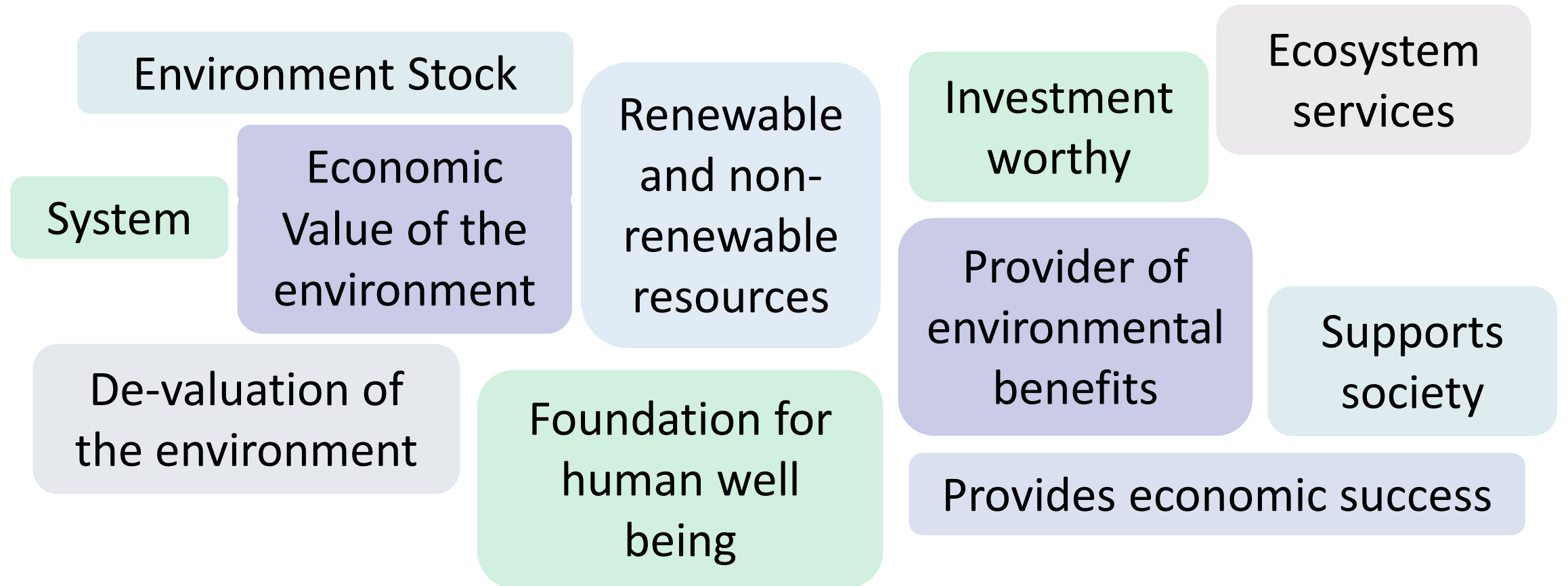


Participatory Natural Capital Decision Making in River Catchment Management

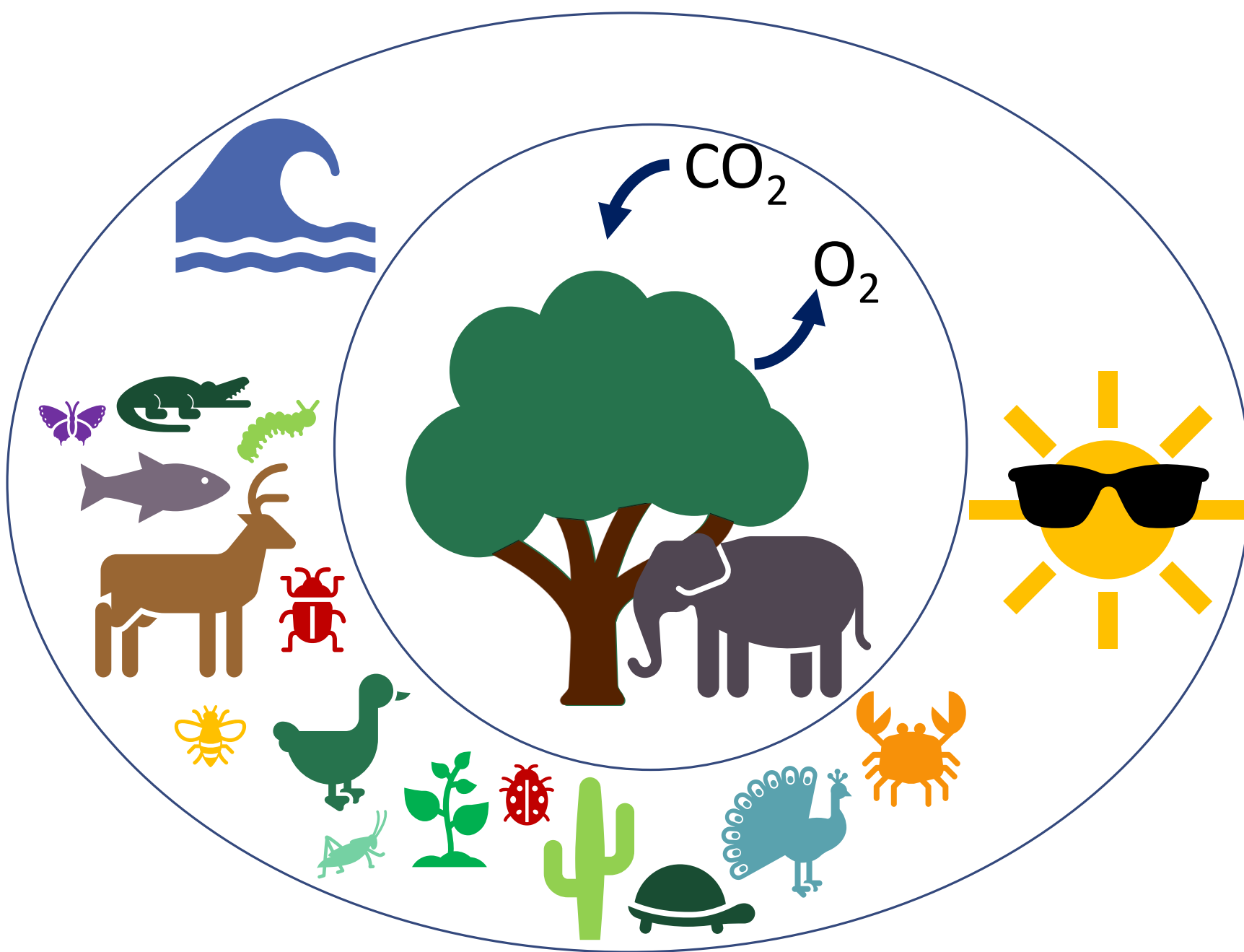
CAITLIN HINSON

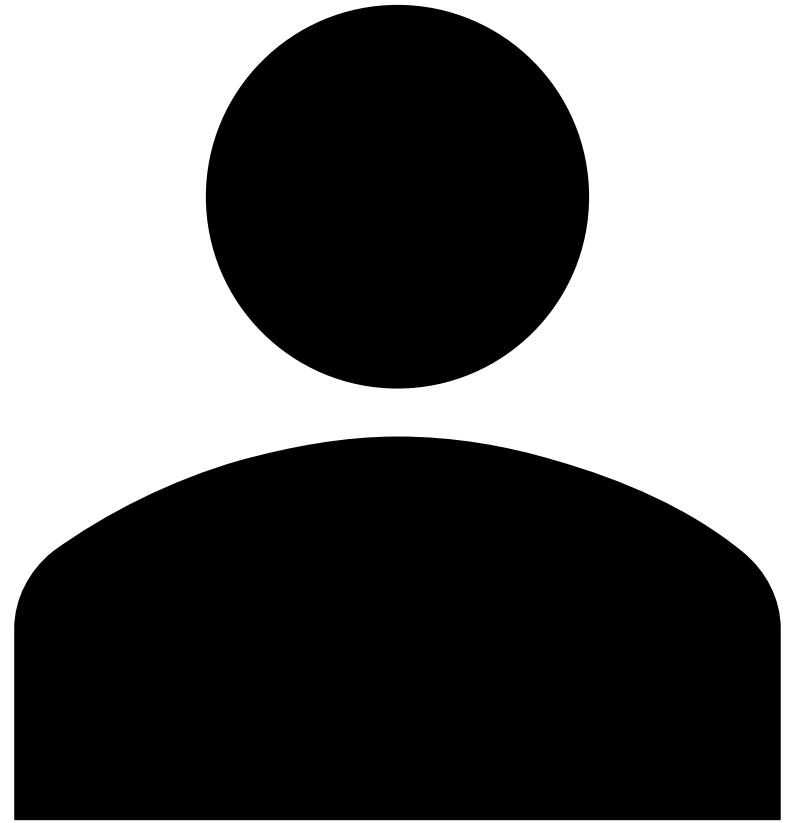
SHE/HER

What is Natural Capital?

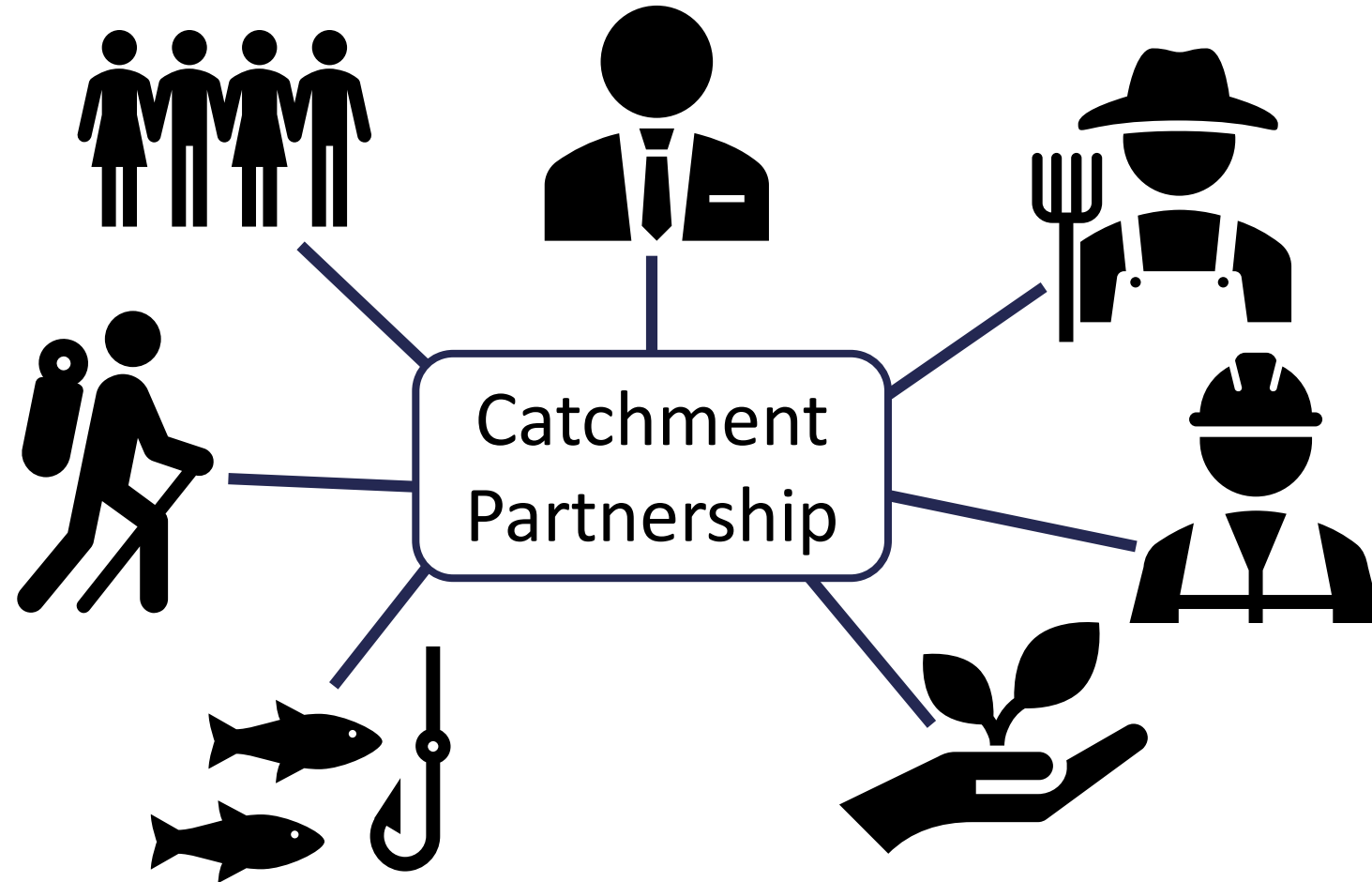


?





What is participation?



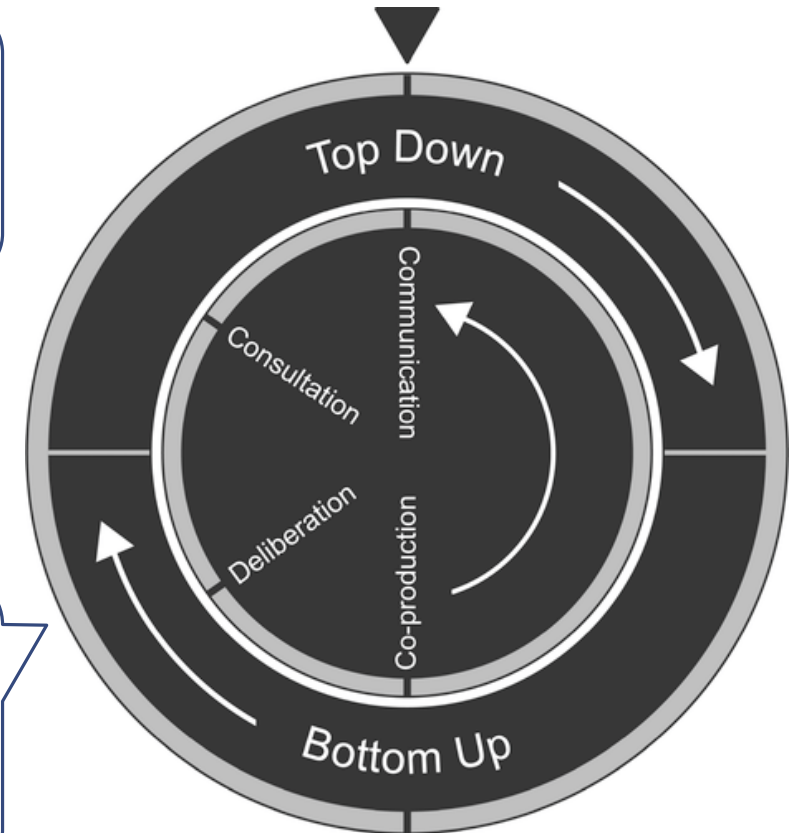
Theories of Participation

	Stakeholder management tool and nature of response	Intention of engagement	Level of influence
Degrees of stakeholder power	12. Stakeholder control	Majority representation of stakeholders in decision making process	Forming or agreeing decisions
	11. Delegated power	Minority representation of stakeholders in decision making process	
	10. Partnership	Joint decision making power of specific projects	
Degrees of involvement	9. Collaboration	Some decision making power of specific projects	Having an influence on decisions
	8. Involvement	Stakeholders provide conditional support	
Degrees of tokenism	7. Negotiation	Organization decides extent of conformity	Being heard before a decision
	6. Consultation	Organization has right to decide. Stakeholders can advise	
	5. Placation	Stakeholders can hear and be heard but may not be heeded	
	4. Explaining	Educate stakeholders	
Non participation	3. Informing	Educate stakeholders	Knowledge about decisions
	2. Therapy	Cure stakeholders of their ignorance/ preconceived beliefs	
	1. Manipulation	'Mislead' stakeholders, attempt to change stakeholder expectations	

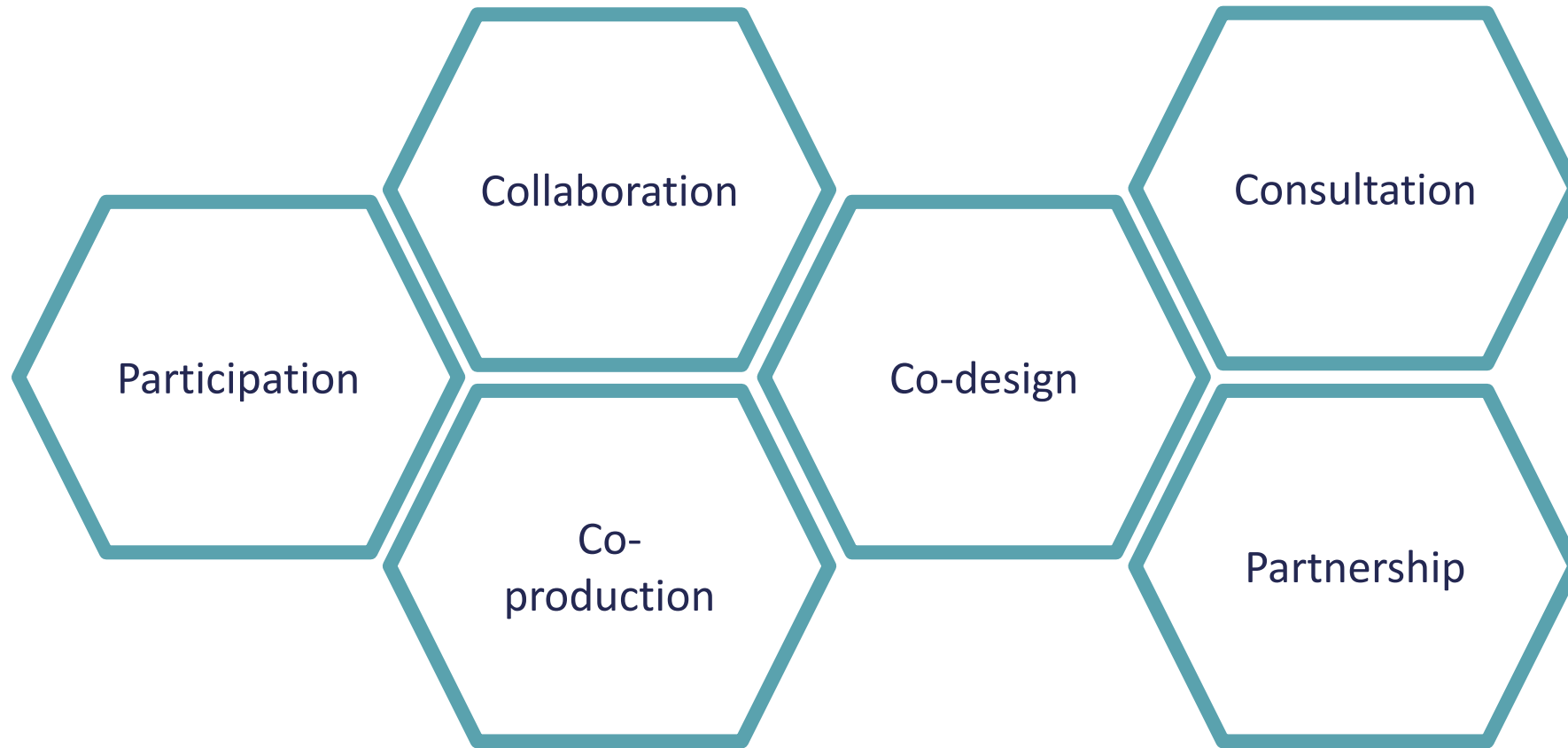
Freidman and Miles 2006
Stakeholder influence occurs over a scale from non-participation to control

Vs

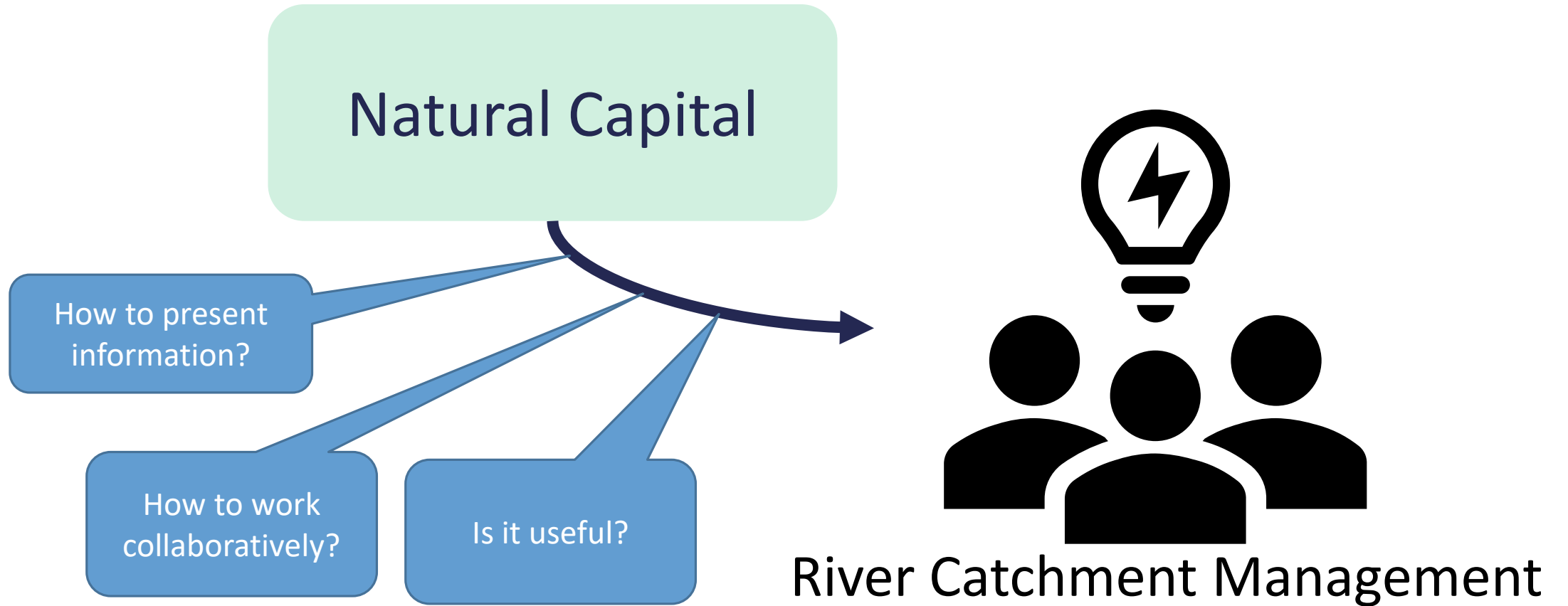
Reed et al. 2018
Stakeholder engagement is governed by two components:
1. Power and Agency
2. Mode of engagement



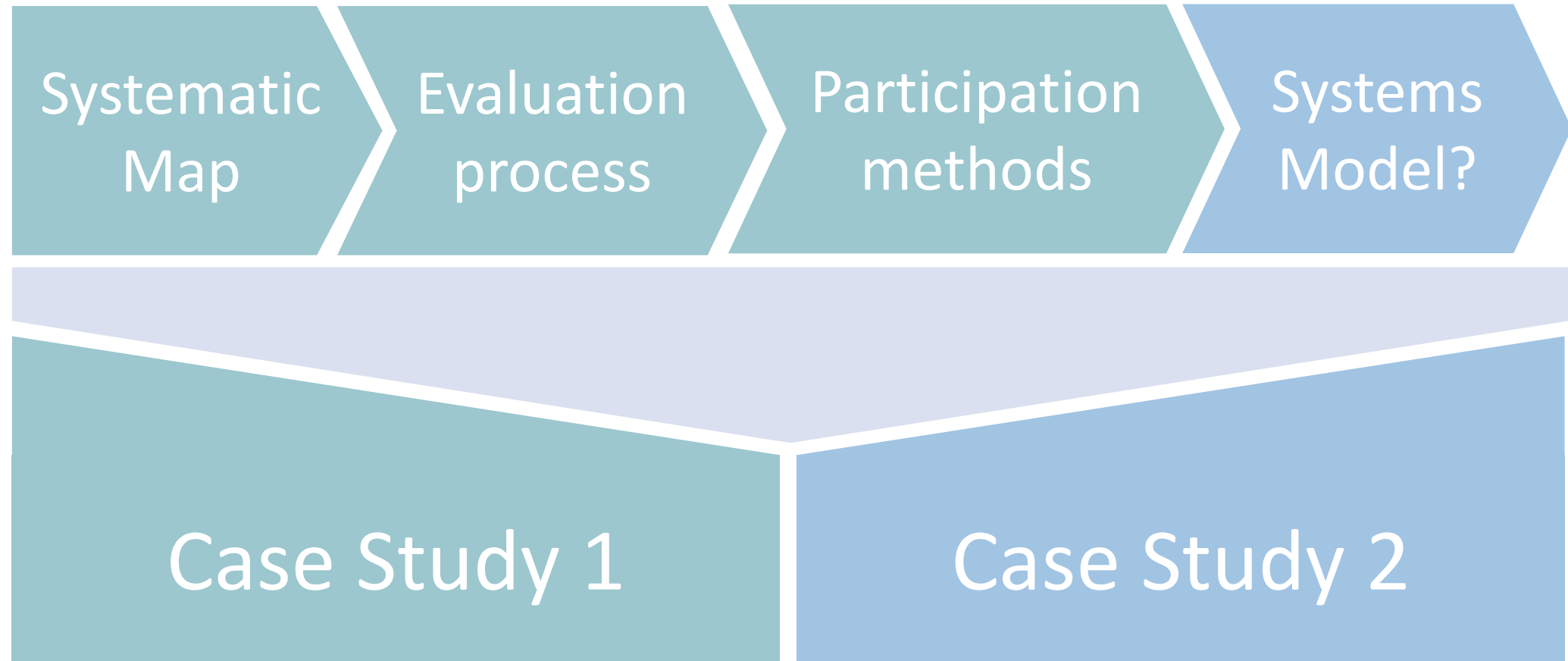
Theories of Participation



Natural Capital in my Research



Overview of my research



Review of Participatory Natural Capital Decision making methods

What natural capital approaches have been used to facilitate participatory environmental decision making?

Environmental Management case studies where multiple groups of stakeholders collaborate to make decisions using natural capital/ecosystem service information

Looking for:

- Ecosystem Service and Natural Capital information
- Stakeholder Information
- Participatory methods and decision making processes
- Project evaluation

Review of Participatory Natural Capital Decision making methods

Ecosystem Services more common than Natural Capital

Wide range of stakeholders as participants

Clear differences between academic and grey literature

Lots of bespoke tool use and development

Four clusters of methods:

- Discussion based
- Ranking or scoring
- Tool based
- Game style

Ecosystem Service Mapping as a common secondary method

Focus on direct economic benefit of ecosystem services

Very limited evaluation of processes or engagement

Evaluating Participatory Natural Capital Decision making methods

Evaluation of natural capital contribution

Capacity

The individuals ability to be involved in the project

- Capacity to influence
- Quality of information
- Understanding of the catchment natural capital

Participation

The individuals contribution to the project

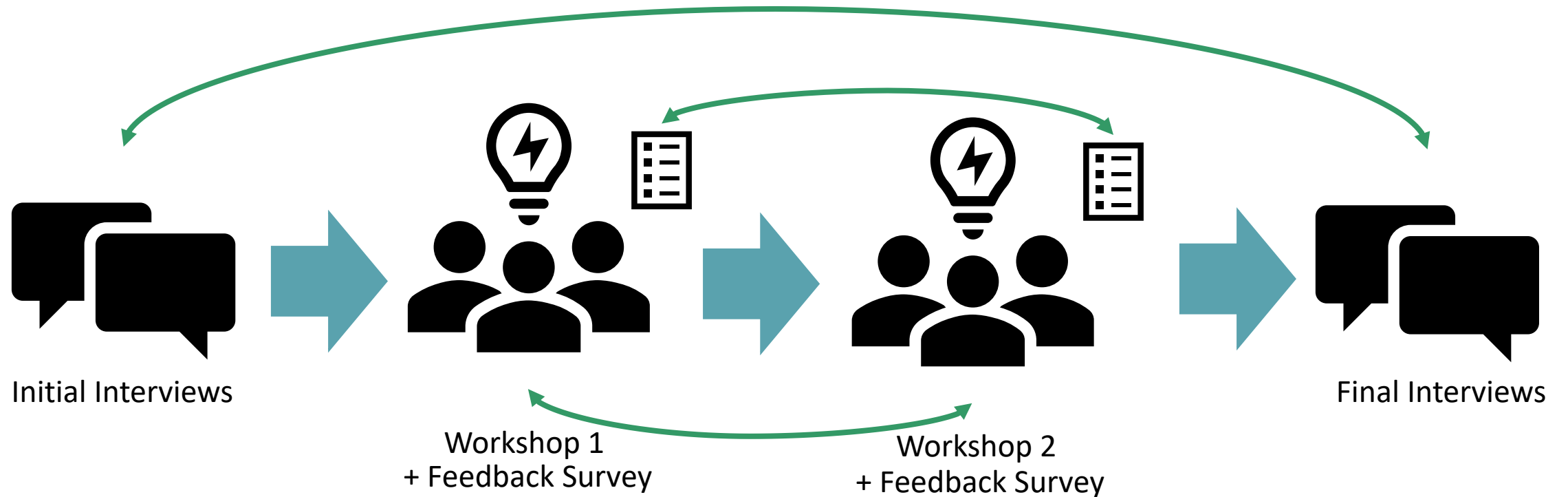
- Opportunity to influence
- Content of participation
- Quality of decision making

Collaboration

The groups contribution to the project

- Capacity to collaborate
- Social learning
- Products of the process
- Meeting the visions, expectations and goals

Application to case studies



Summary

