

MAPPING

**Draw instructions for
making toast.**

Create an ecosystem map for your project.

Include:

Comparators / existing work

Literature / theory

Methods

Audience / Actors

Collaborators

Current debates

Which areas might need more development, what are the priorities?

Continue to develop maps based on feedback and insights from the group. Consider the interdependencies.

RELATIONSHIP MAPPING

“Of all the wise teachers who have come into my life, none are more eloquent than these, who wordlessly in leaf and vine embody the knowledge of relationship. Alone, a bean is just a vine, squash an oversized leaf. Only when standing together with corn does a whole emerge which transcends the individual. The gifts of each are more fully expressed when they are nurtured together than alone. In ripe ears and swelling fruit they counsel us that all gifts are multiplied in relationship. This is how the world keeps going.”

Robin Wall Kimmerer

Braiding Sweetgrass/ Indigenous Wisdom, Scientific Knowledge, and the Teachings of Plants

Types of Systemic Relations

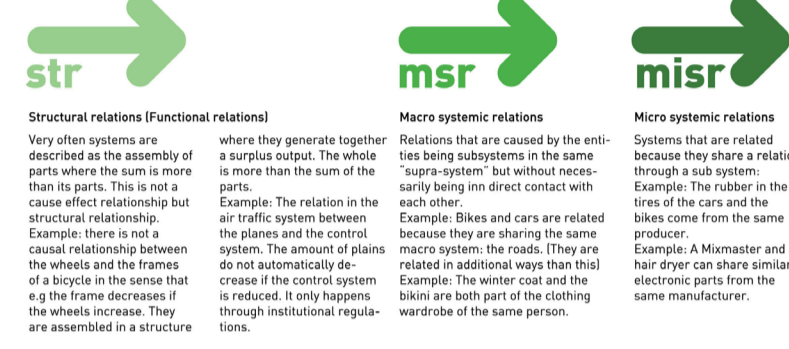
Birger Sevaldson

For a high resolution version visit:
<https://systemsorienteddesign.net/library-of-systemic-relations/>

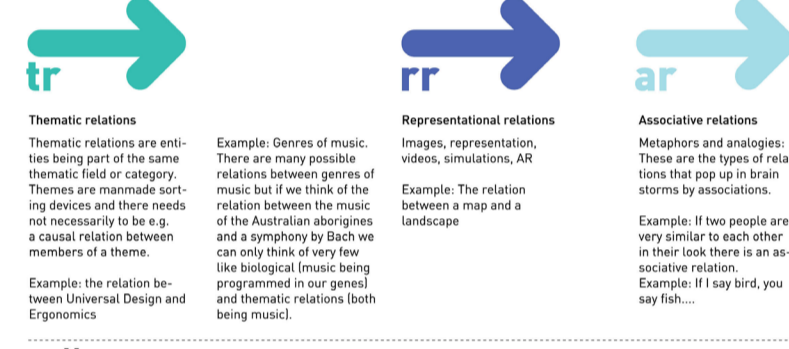
types of systemic relations

In our work we realized that we need to keep more attention to the relations. A simple line or arrow or a plus or minus like in casual loop diagrams is not sufficient. Therefore I developed this list of possible types of relations. It is probably incomplete and needs development.
Birger Sevaldson

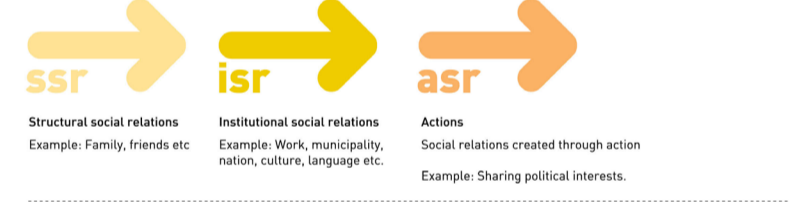
greens: structural relations hierarchical supra & sub systems



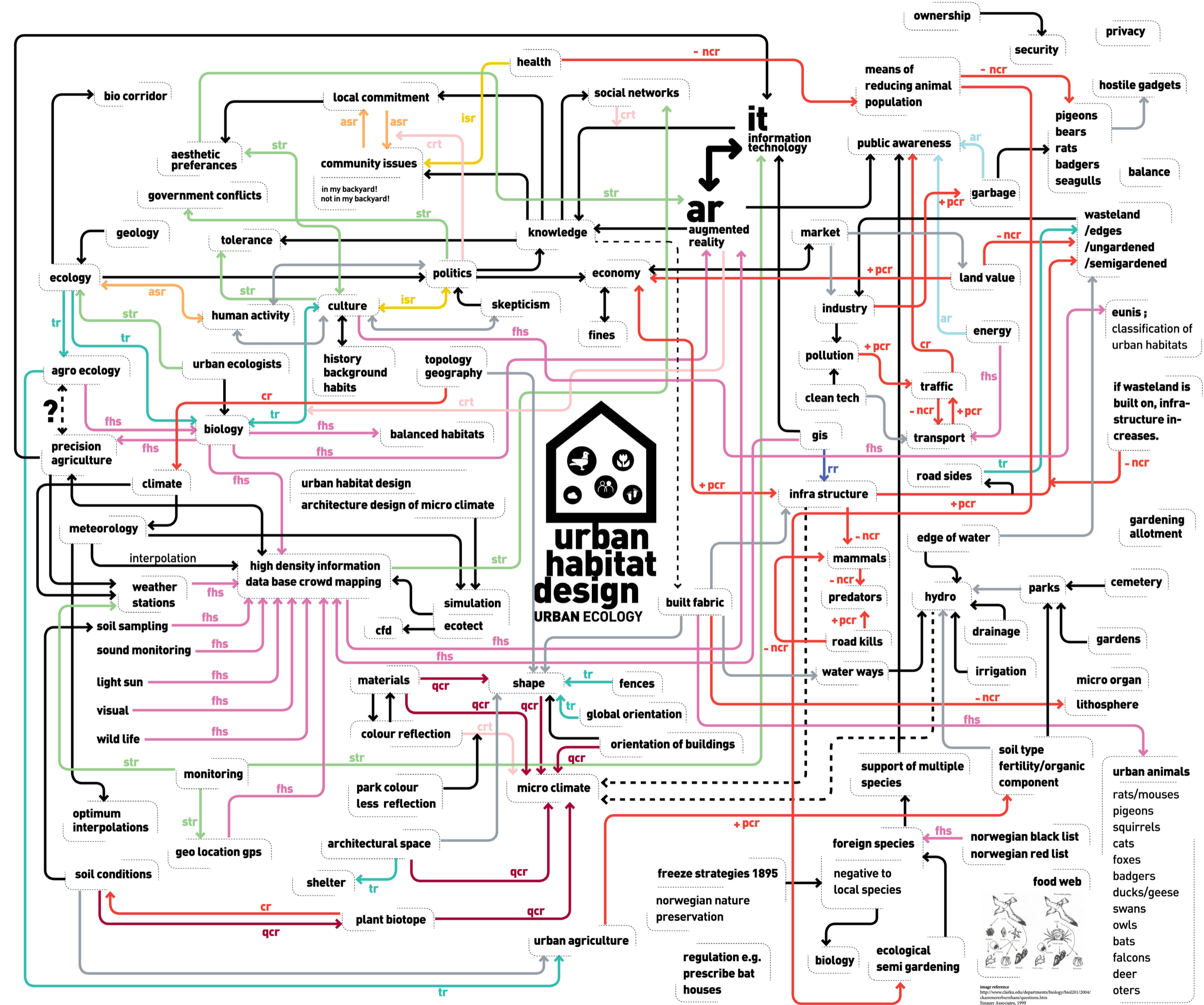
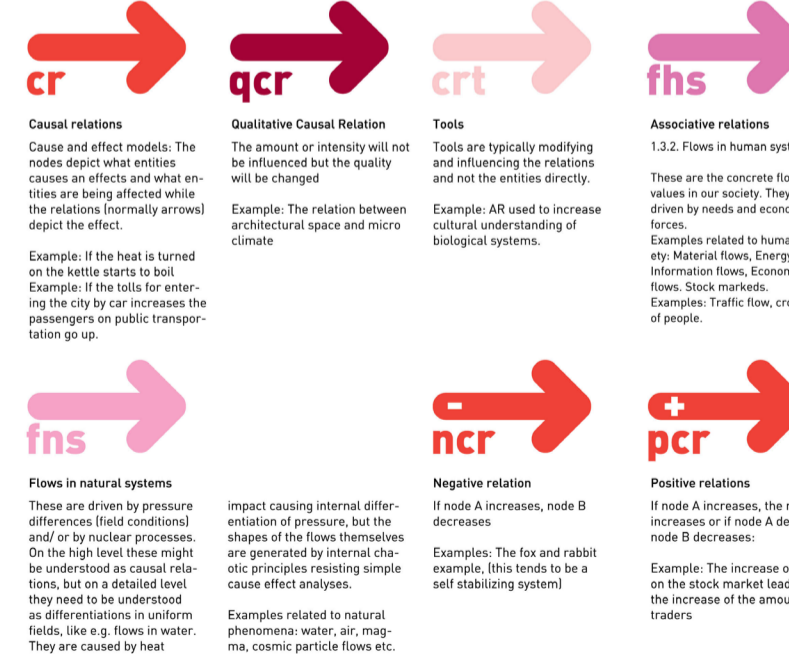
blues: associative semantic & thematic relations



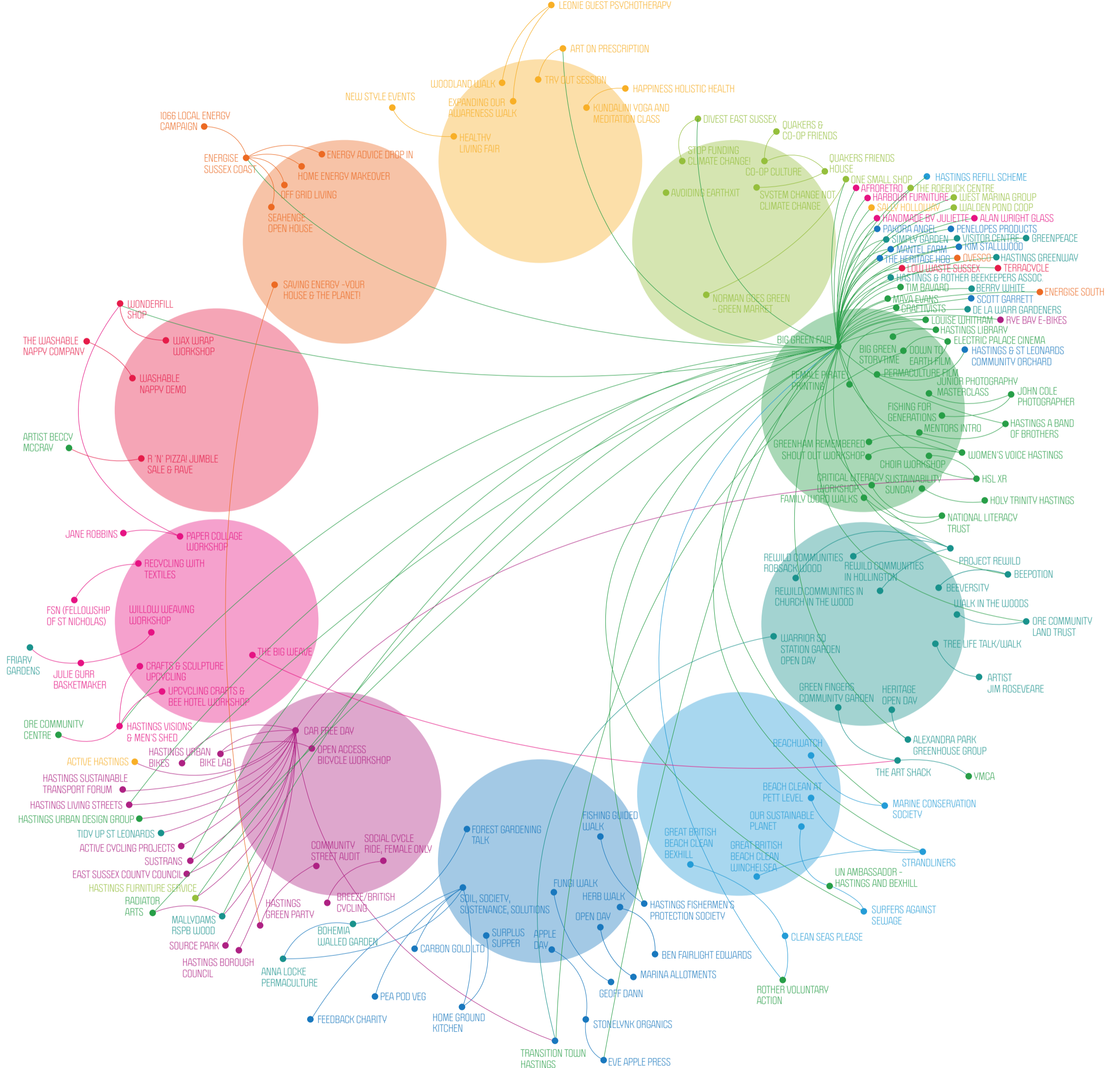
yellows: social relations



reds: hard relations, casual relations, flows etc



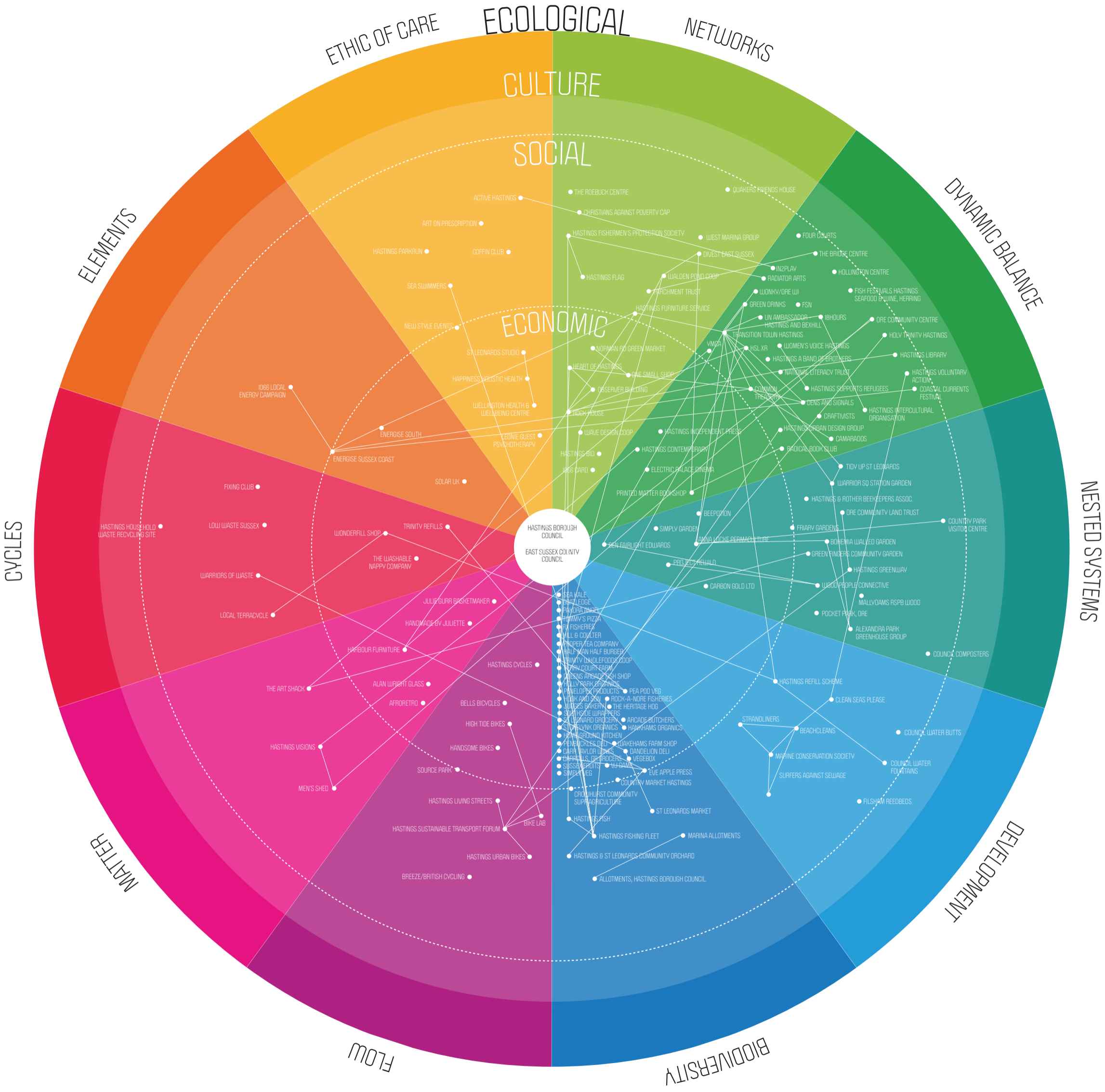
Mapping festival actors



Bioregional themes

- Health and happiness
- Equity and local economy
- Culture and community
- Land and nature
- Sustainable water
- Local and sustainable food
- Travel and transport
- Materials and products
- Zero waste
- Zero carbon energy

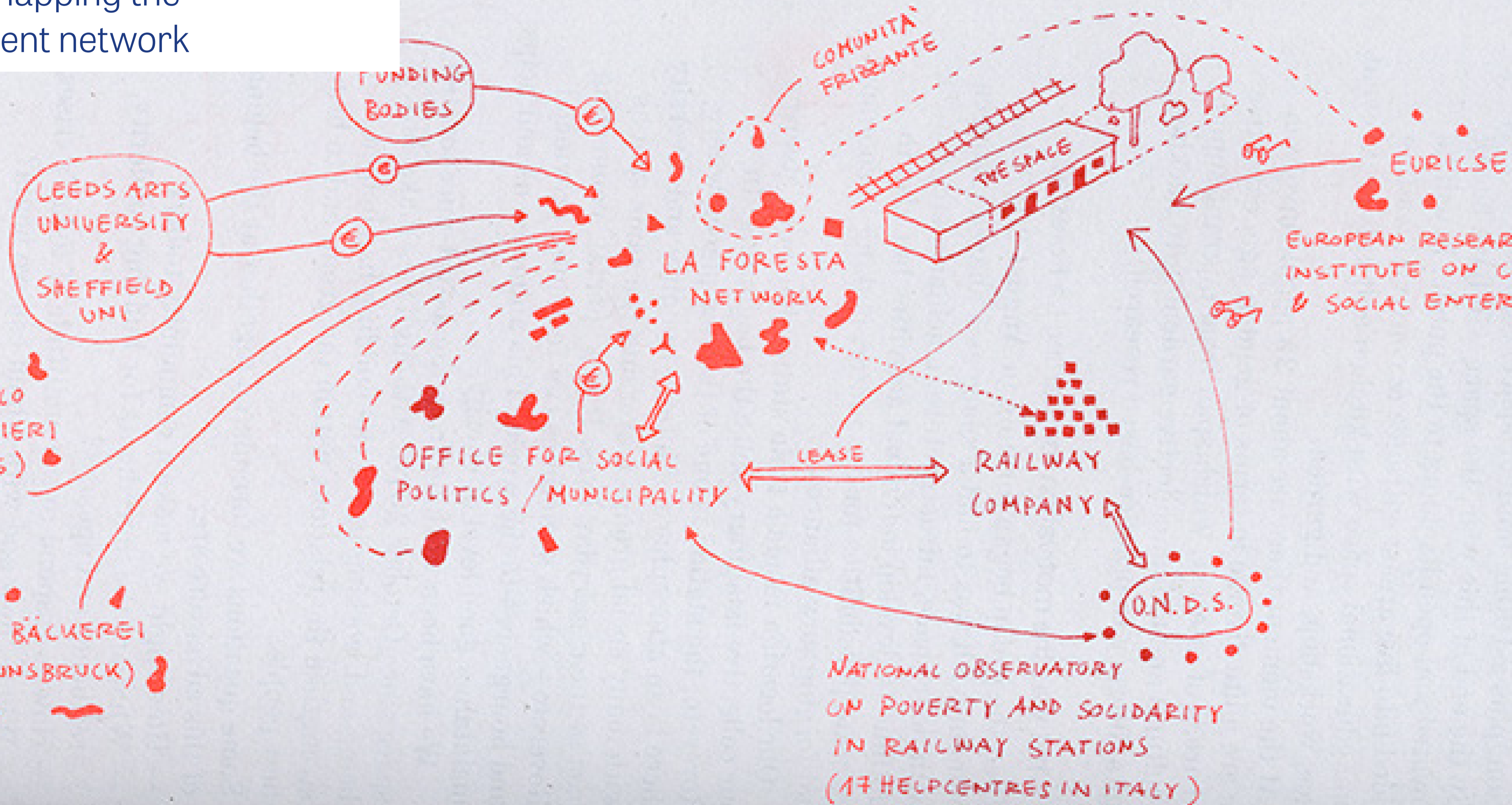
Mapping a network



- Bioregional themes
- Health and happiness
 - Equity and local economy
 - Culture and community
 - Land and nature
 - Sustainable water
 - Local and sustainable food
 - Travel and transport
 - Materials and products
 - Zero waste
 - Zero carbon energy

La Foresta mapping the interdependent network

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* Can you draw a map of your interdependent network?

Map the relationships that are necessary in your project work.

Write a goal or purpose of your system or creative proposition at the top.

Write 'actors' within this work on separate post its.

Who is important? Who is missing e.g. comparators, non human actors? Add any new actors you want to include.

Cluster actors and also draw 'casual' links to indicate connections or relationships.

Observations or insights?
Where are the strong relationships and where
there are gaps? Opportunities? Challenges?
Barriers?

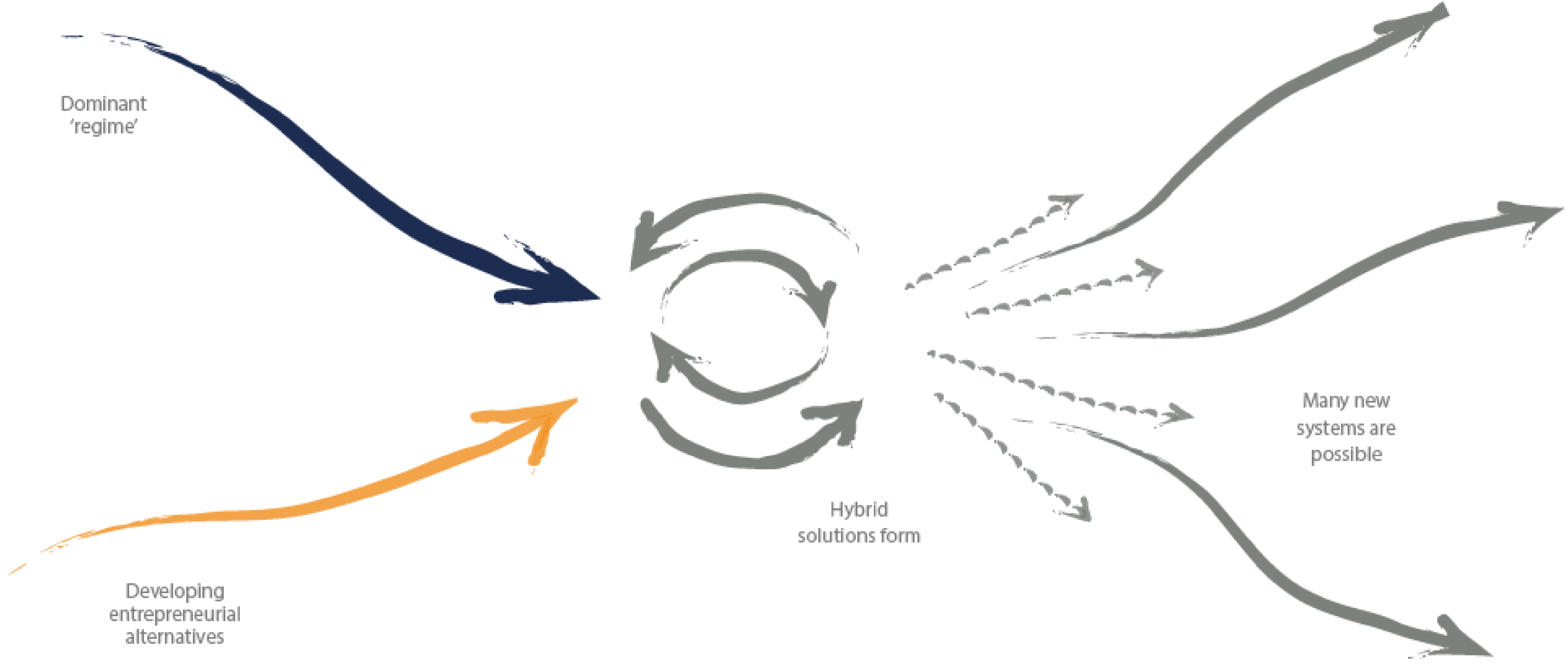
Formulate a plan to address where you might
develop relationships, who you might need to
communicate with, and where you may need to
invite others to participate.

SYSTEMS SHIFTING DESIGN

Fixing or optimising an existing system is different to the possibility of creating something different and better. The new system might initially look like a series of new systems or **system shifts**.

Systemic opportunities require **collaborative innovation** because they require new connections to be made.

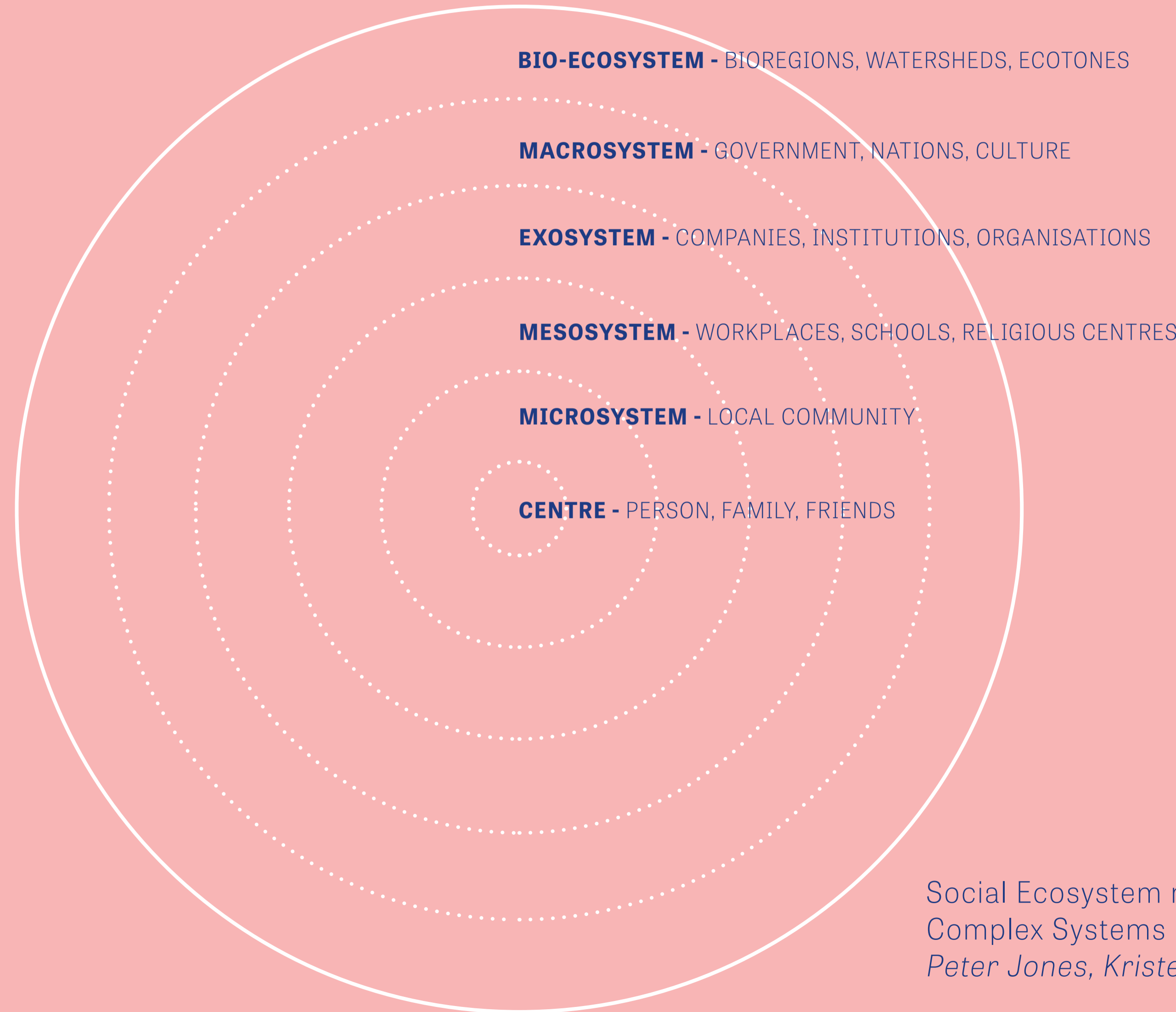
*Systems Innovation:
Washing Machine Model*



Charles Leadbetter and Jennie Winhall suggest that system shifts are unlocked by working with **four keys:**

- purpose,**
- power,**
- resources and**
- relationships.**

Draw a multi-level system map



Social Ecosystem map from Design Journeys Through
Complex Systems Practice Tools for Systemic Design
Peter Jones, Kristel van Ael

Take the same 'actor' postits (or write new ones) and place them within the circles where you think they sit in the ecosystem.

Are there new actors that you want to include now?

Where is the power in this system?

Can you see ways in which you might shift
this power?

Where are the resources in this system?

Can you see ways to shift resources?

What shifts in relationships might be
necessary to achieve changes in power
and resources?