



Faculty of Design

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Asynchronous Ecosystem Development: Micro-mapping using scanning, ZIP- Analysis, and systemic relations

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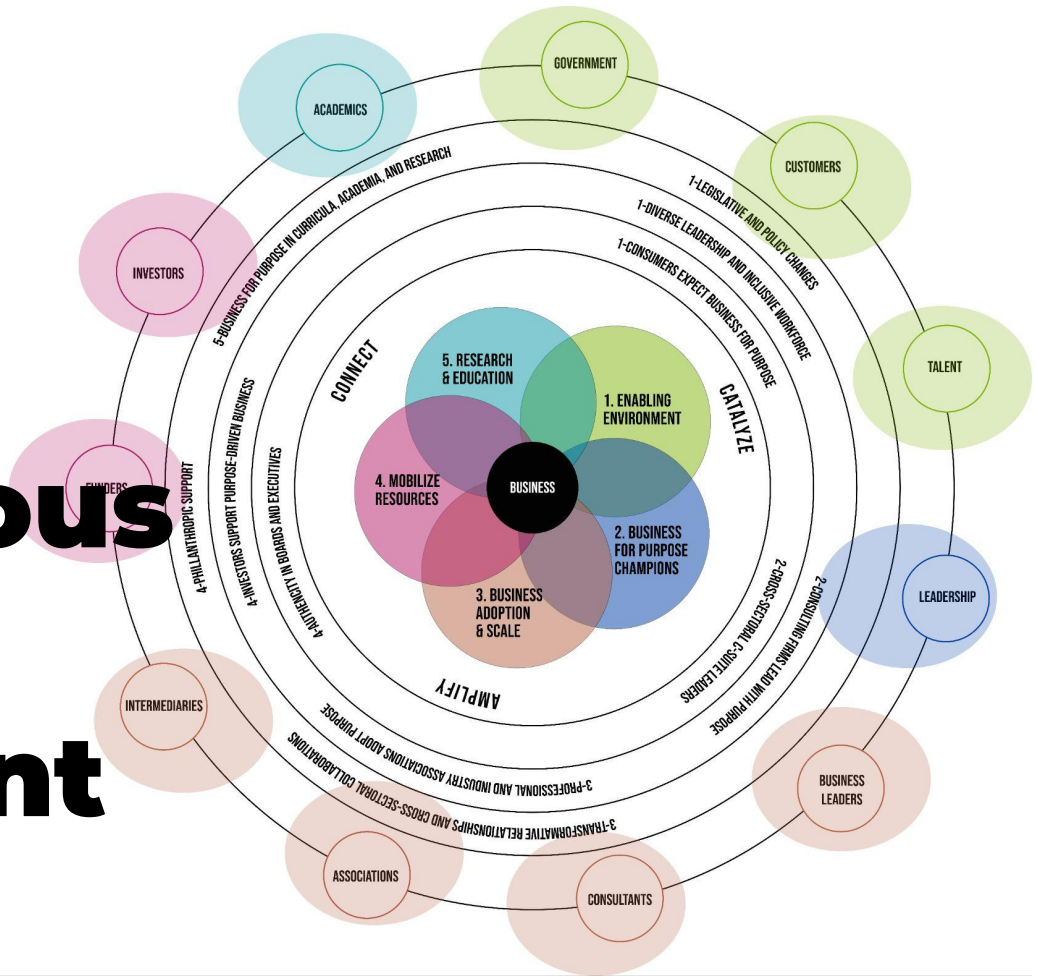
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B4PN Case Study: Asynchronous ecosystem development



types of systemic relations

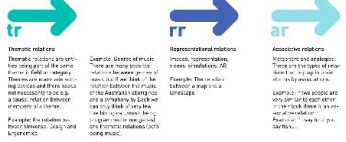
In our work we realized that we had to look for new models in the relations. As a single one or more subsystems are not able to solve the problem. We had to look for a new model that integrates the full set of possible options of relations for the problem (complex and needs development).

The relations are succeeded for this model, they are not in a direct, but additive relationship. It is not a new, but a combination of old, but in a new way.

greens: structural relations hierarchical supra & sub systems



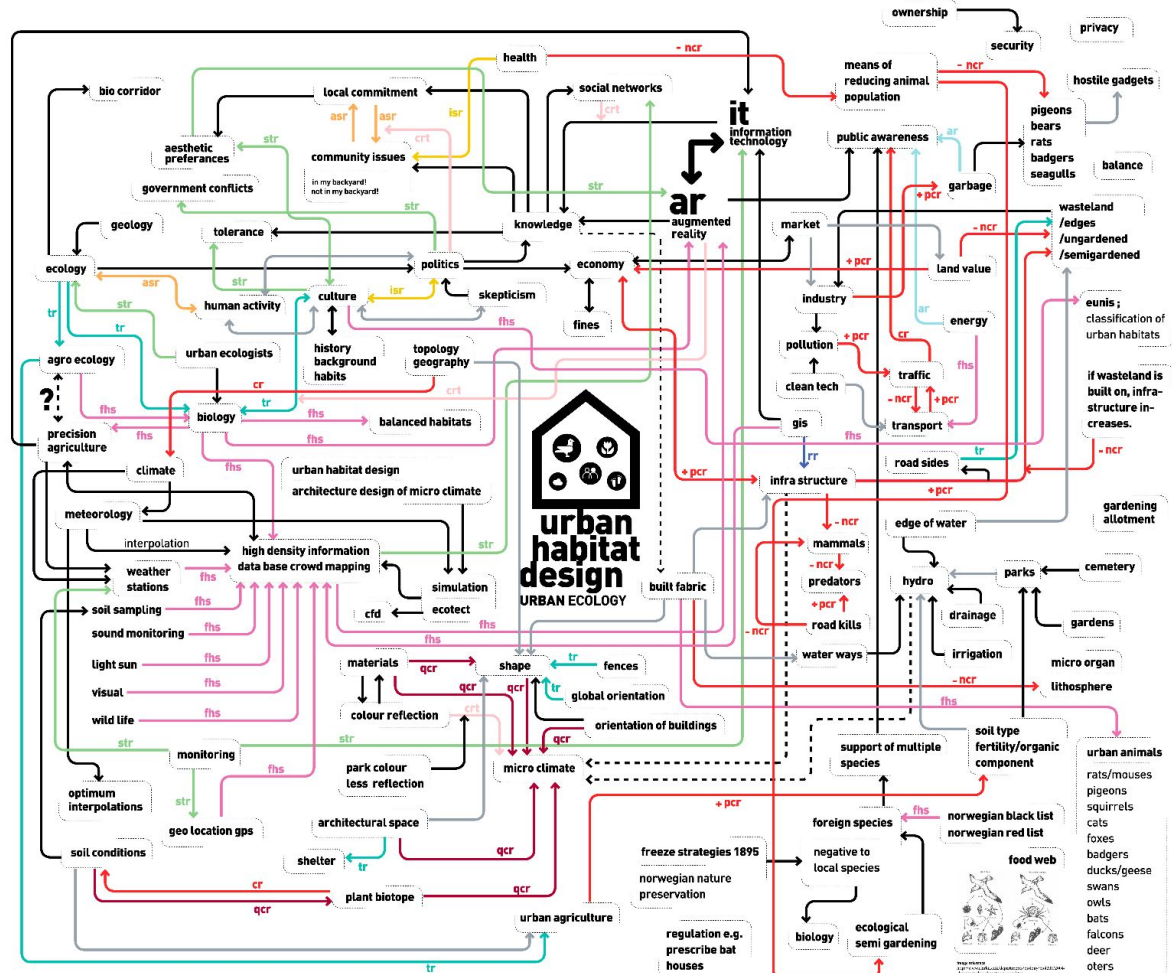
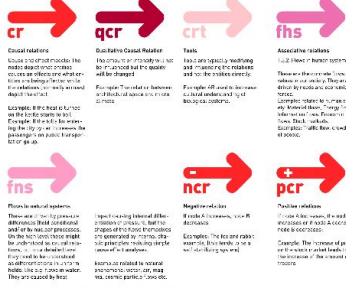
blues: associative semantic & thematic relations



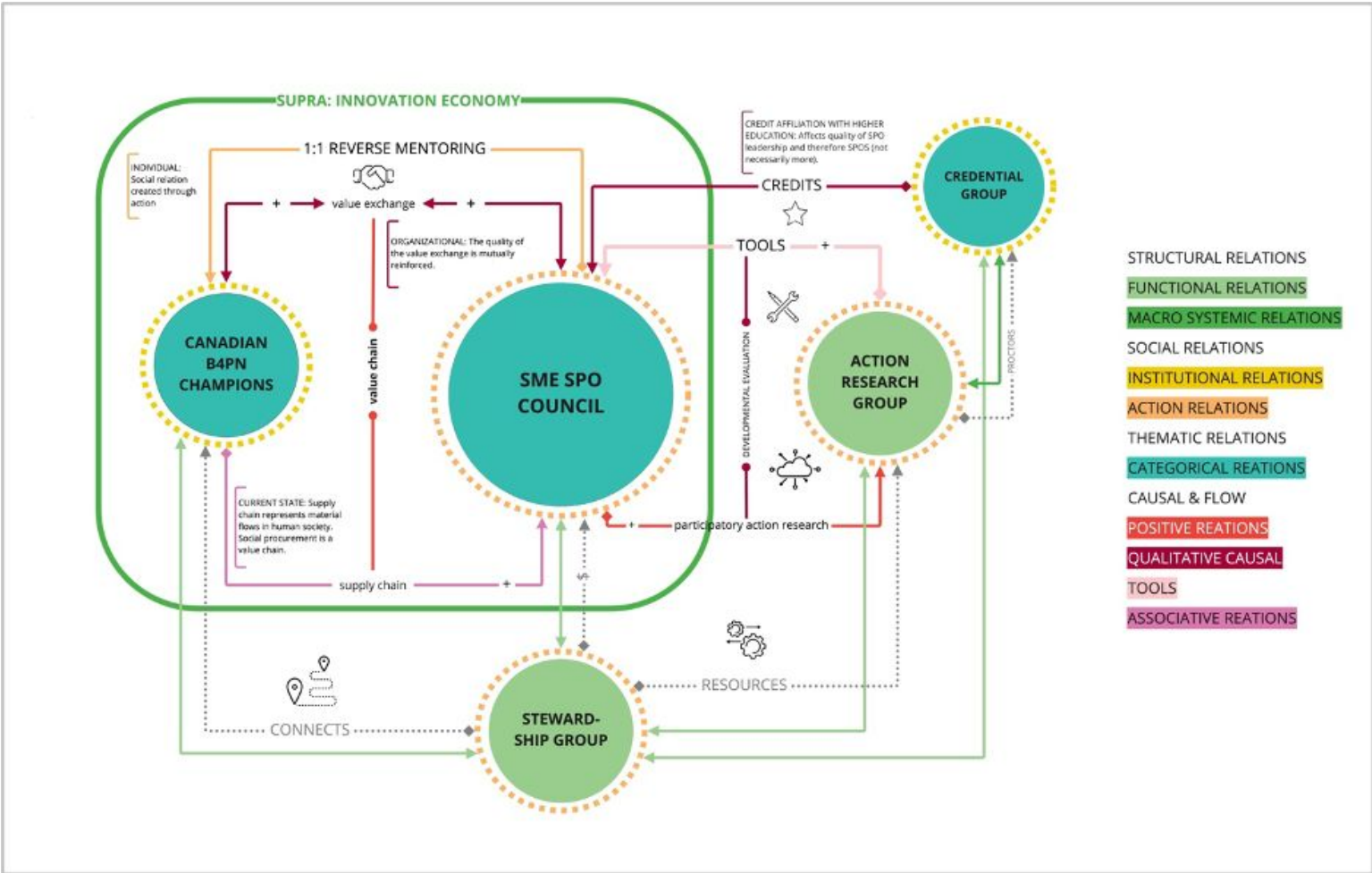
yellows: social relations



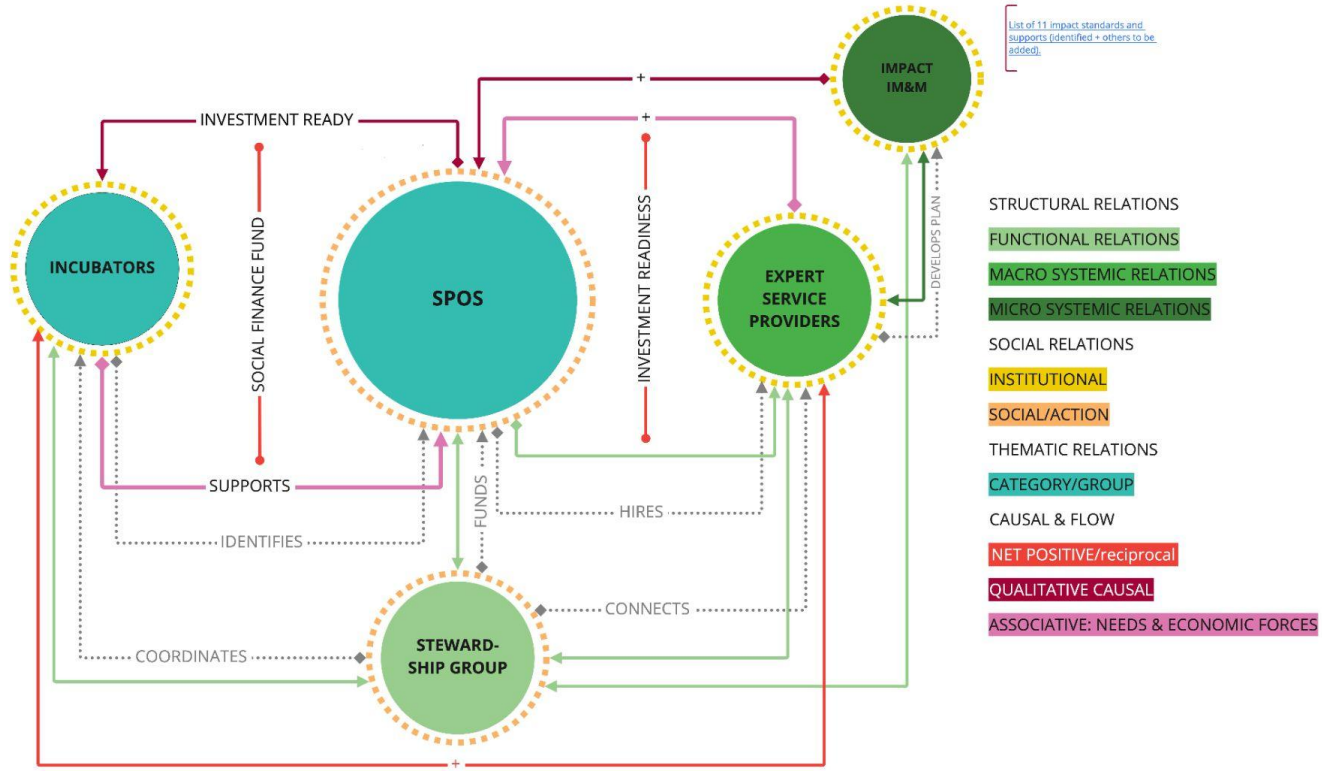
reds: hard relations, casual relations, flows etc



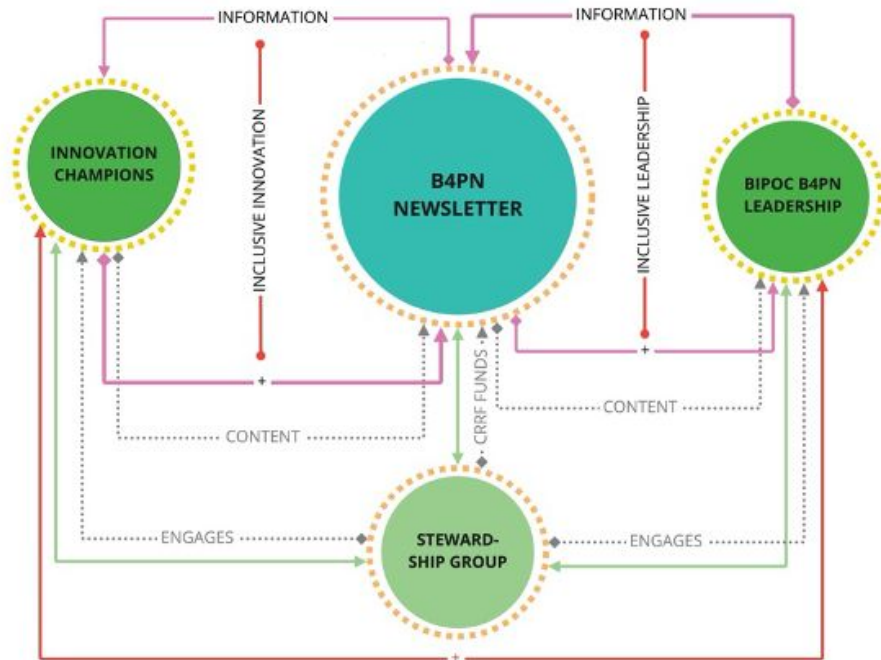
Reverse mentoring & supply chains



Social Finance & Investment Readiness



B4PN & leadership DEI



List of 11 impact standards and
regions identified + others to be
added:

STRUCTURAL RELATIONS

FUNCTIONAL RELATIONS

MACRO SYSTEMIC RELATIONS

MICRO SYSTEMIC RELATIONS

SOCIAL RELATIONS

INSTITUTIONAL

SOCIAL/ACTION

THEMATIC RELATIONS

CATEGORY/GROUP

CAUSAL & FLOW

NET POSITIVE/reciprocal

QUALITATIVE CAUSAL

ASSOCIATIVE: NEEDS & ECONOMIC FORCES

Does it make sense?

Can systemic design optimise on realities of asynchronous development and bridge time and space between distributed, often unrelated teams? Does it make sense to work incrementally?

Asynchronous work means leaving comprehensible artefacts – in this example, the relationship maps using ZIP-Analysis and the Library of Systemic Relations. These can be interpreted and repurposed for future use.

When knowledge creation has a similar framework and methods are ubiquitous and well-supported by scholars and practitioners, even small projects can offer value beyond the stated deliverables. Furthermore, the methods used for this project were effective and time-efficient and fitted with time and budget constraints.