



Mapping stakeholders to enhance co-creative approaches on climate change adaptation

Focusing on the Greater Rotterdam Living Laboratory

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Red&Blue

Outline of presentation

**Brief background of the
RED&BLUE Research Project**

**Greater Rotterdam Living
Laboratory**

Methodology

**Stakeholder mapping, interest
& resources**

Conclusions

The logo features a stylized, abstract shape composed of several overlapping polygons. The top-left portion is black, the bottom-left is white, and the right side is a dark blue. A small circle is positioned at the top-left corner, split vertically into white and black. Another small circle is located on the white section, split horizontally into black and red. The background is a dark blue grid pattern.

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RED&BLUE Research Project

- Funded by the Dutch Research Agenda
- Transdisciplinary study calling for a collaborative and co-creative approach to designing climate resilient urban investment and development.
- It combines relevant scientific and practical insights.
- The goal is to bring together scientists and practitioners to co-develop an integrated climate governance strategy for the Dutch delta and beyond.
- The project composed of seven work packages each with its own specific research objectives that contributes to the goal of the RED&BLUE agenda.
- The Urban Use Cases which is the test-bed of the other workpackages is under the Greater Rotterdam Living Laboratory.

Greater Rotterdam Living Laboratory

Rotterdam

- Two urban use cases
- Merwevierhaven – old port
- Bloemhof

Dordrecht

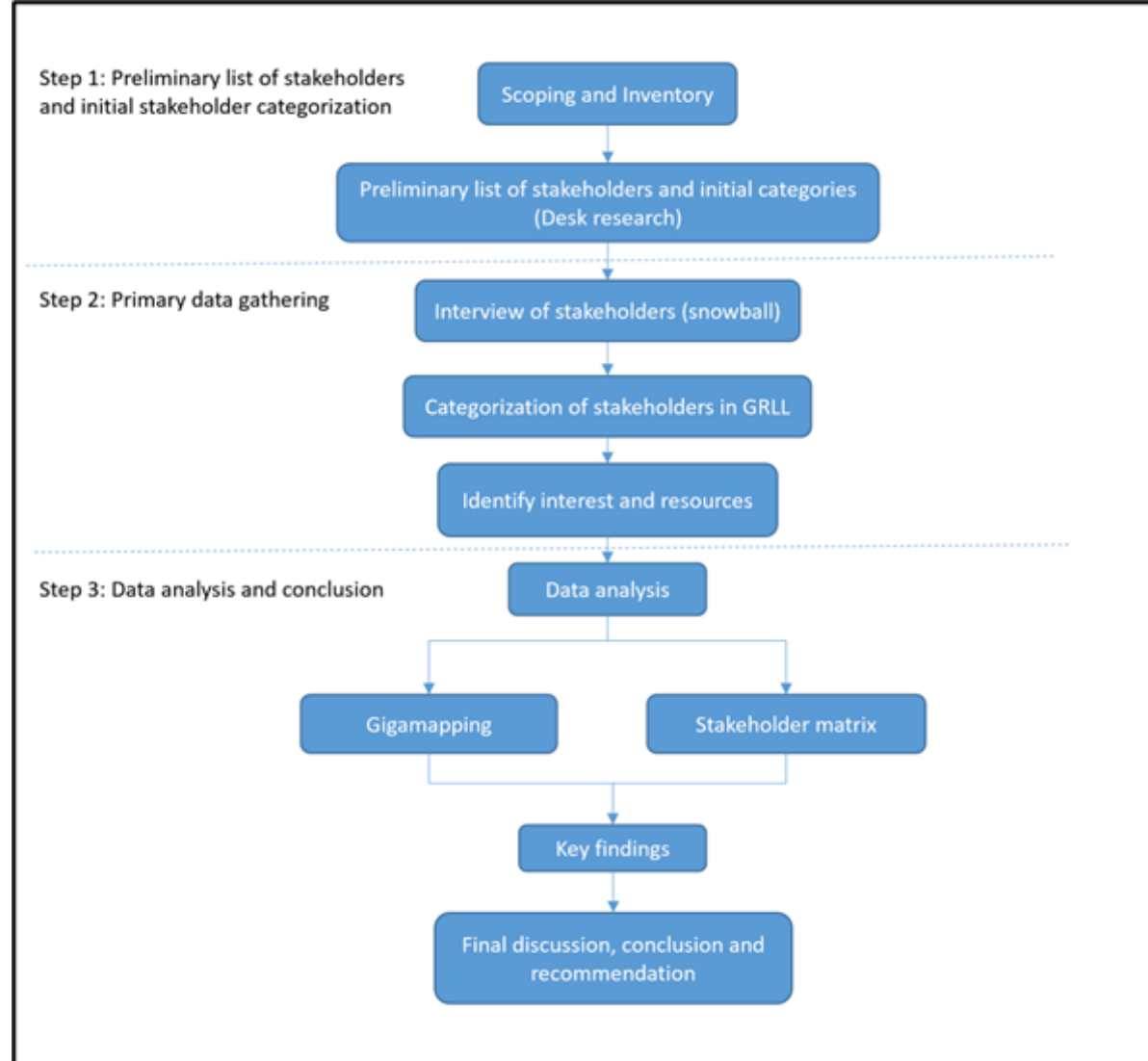
- Two urban use cases
- 19th century ring
- Maasterras – new development



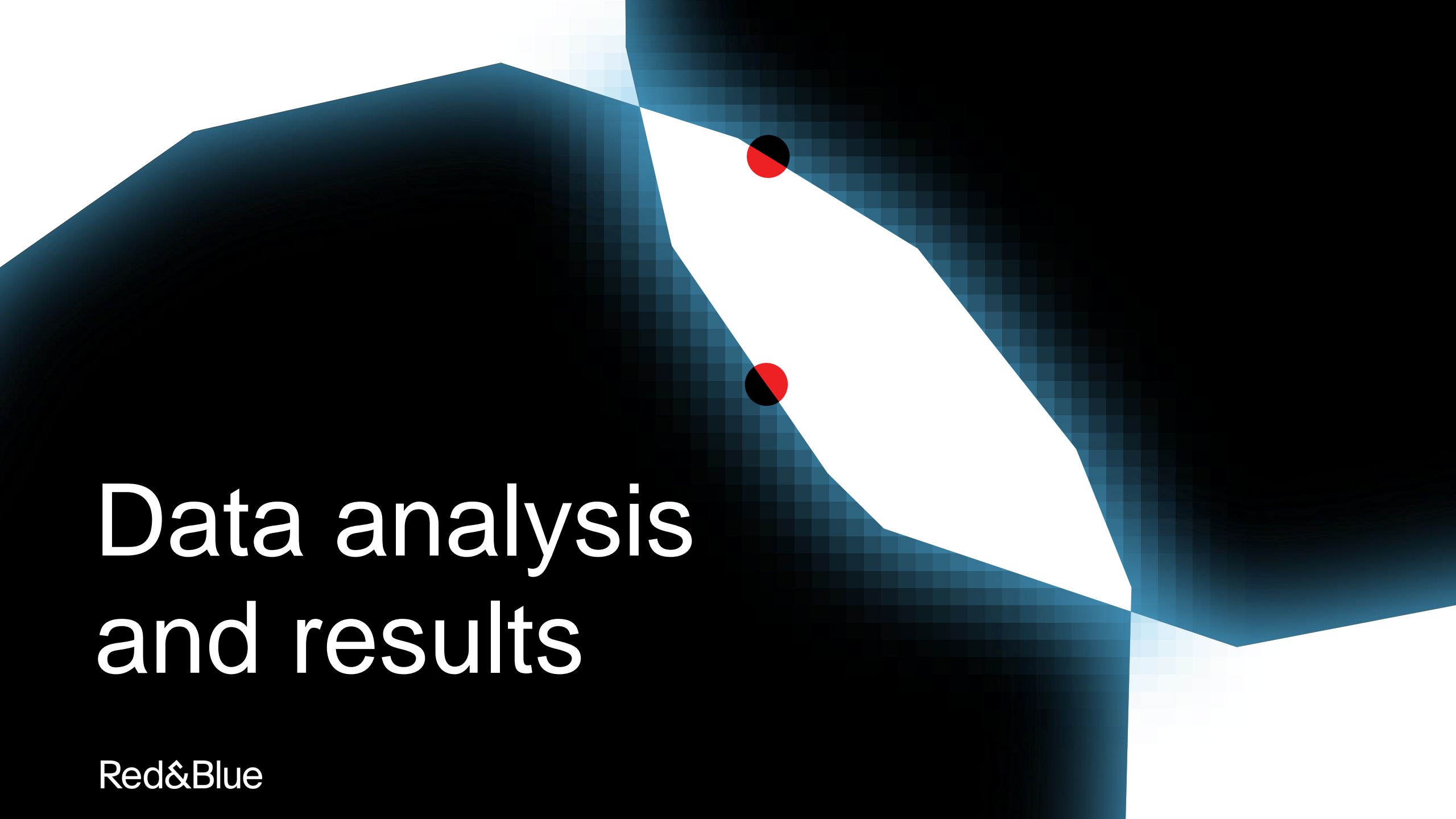
Urban Use Cases - Rotterdam, Dordrecht

- Identify and understand the challenges, barriers and enablers for the implementation of integrated real estate and infrastructure climate risk management strategies in urban delta areas
- Develop co-creative approaches for the local agenda-setting, development and implementation and integration of equitable and just real estate and infrastructure climate risk management strategies
- Test and validate models, methods, approaches, strategies, tools and solutions developed in a real-world setting
- Identify conditions and requirements for the development and implementation of inclusive, equitable and just urban outcomes

Stakeholder Mapping Methodology



- Internal workshops
- Initial categorization – quadruple helix: government, citizen, academia and business
- Interviews – snowballing
- Qualitative scoring of stakeholder interests
- Total of 61% interviews from the targeted list of interviewees
- Stakeholder categories cross referenced with initial list
- Processing through Atlas.ti
- Gigamapping



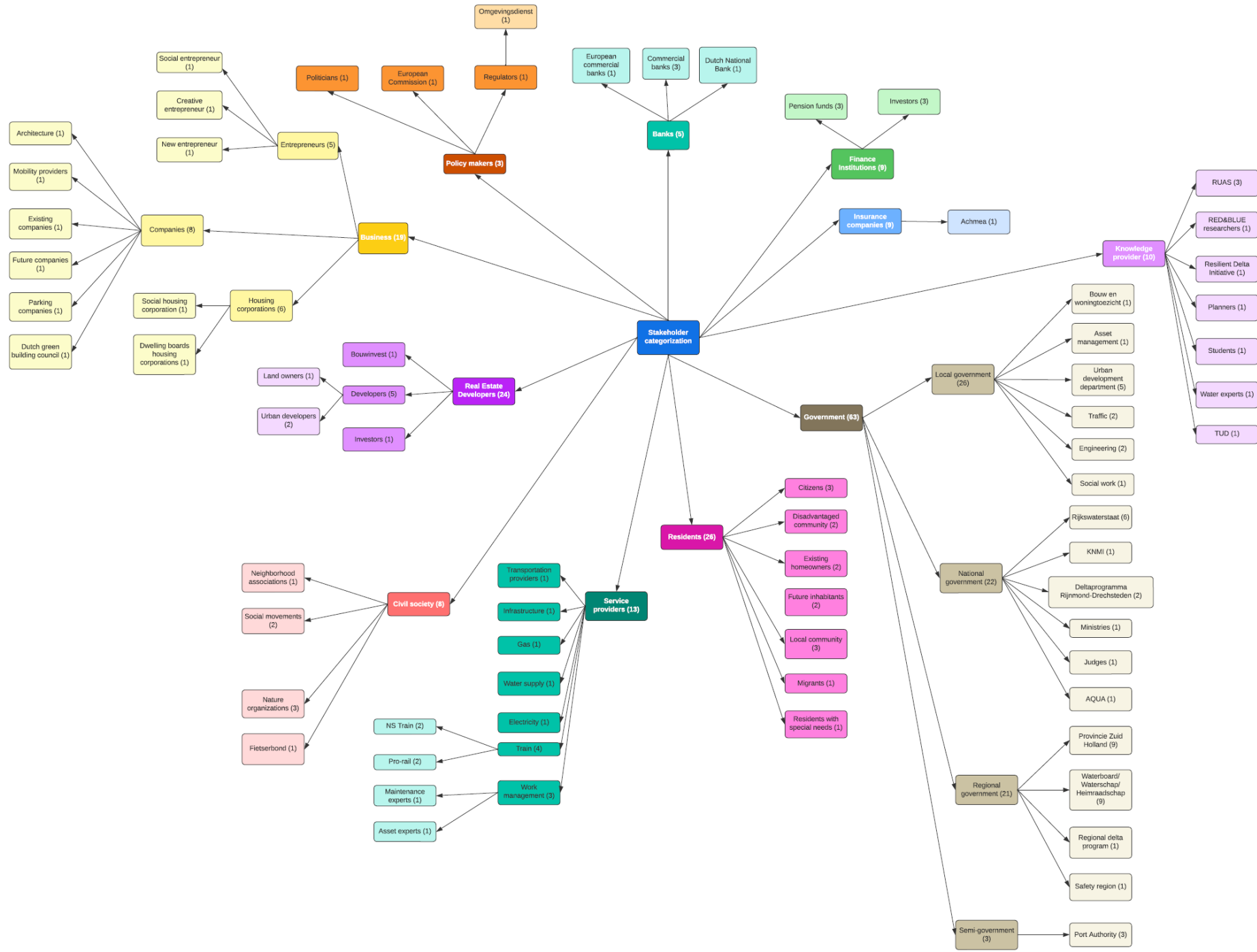
Data analysis and results

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Initial categories of stakeholders and their interests

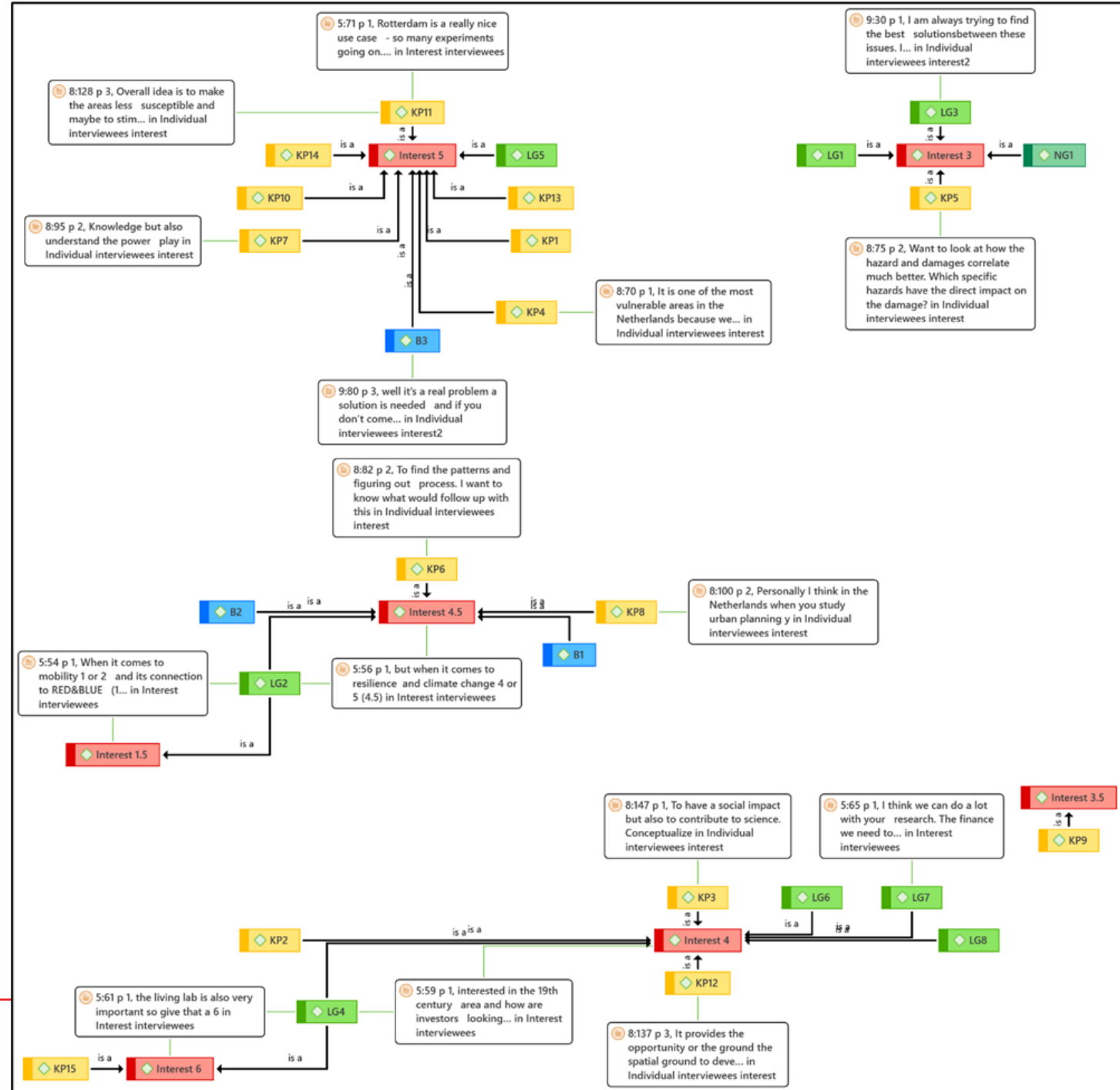
Institutional actors	*Knowledge creators	Citizen stakeholders	**Private/Business
<ul style="list-style-type: none"> • Municipality of Rotterdam • Municipality of Dordrecht • Rijksdienst voor Ondernemend Nederland (RVO) • Rijkswaterstaat • Waterboards 	<ul style="list-style-type: none"> • Academia • Research institutes • Applied science 	<ul style="list-style-type: none"> • Homeowners 	<ul style="list-style-type: none"> • Insurance companies • Banks • Contractors • Housing corporations • Real estate developers
<p>Interest: Gain additional knowledge and scientific studies for the current and planned projects. Contact with scientific and applied researchers. Access to state-of-the-art scientific results. Wider transmission in their own organisations.</p>	<p>Interest: Conduct socially relevant scientific and applied research; expanding network.</p>	<p>Interest: Environmental improvement</p>	<p>Interest: implementation of their technology; profit; contribution to company social and environmental responsibility</p>

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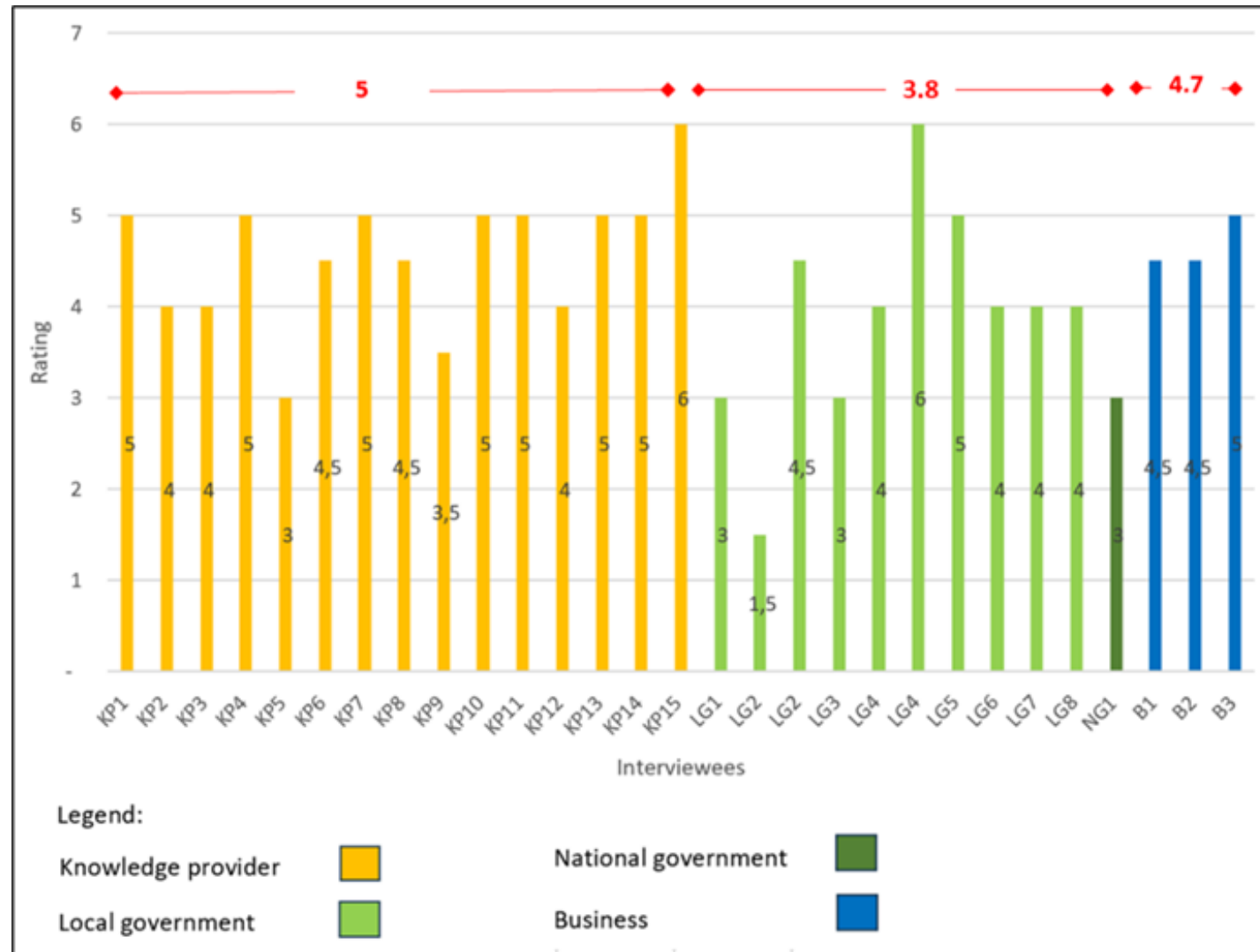


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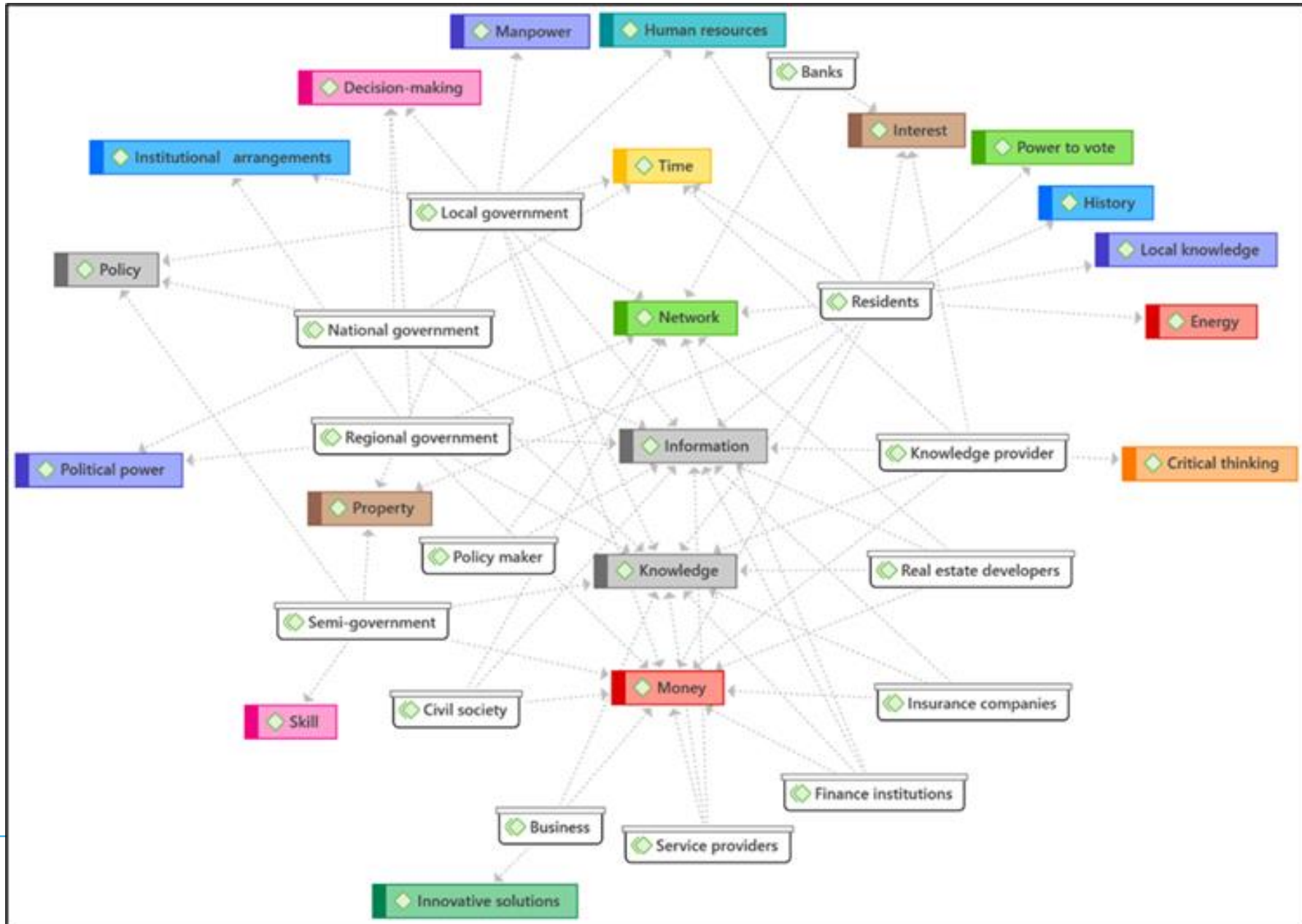
Network codes



Interviewees interest on the living laboratory and urban use cases



Stakeholder resources network





Conclusions

Key take aways

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Key take-aways of the study

- The study offers a stakeholder categorization to aid in the initial stages of the co-creation process in the RED&BLUE research
- Gigamapping offered a way to visually represent the categories, interests and resources of the stakeholders while also highlighting the constellations and clusters that emerged
- Through the clusters and constellations the study showed the parallel and central position of knowledge providers and local government which indicate the need to promote further integration.



Thank you