

NET ZERO CITIES



EU MISSION PLATFORM

CLIMATE NEUTRAL AND SMART CITIES

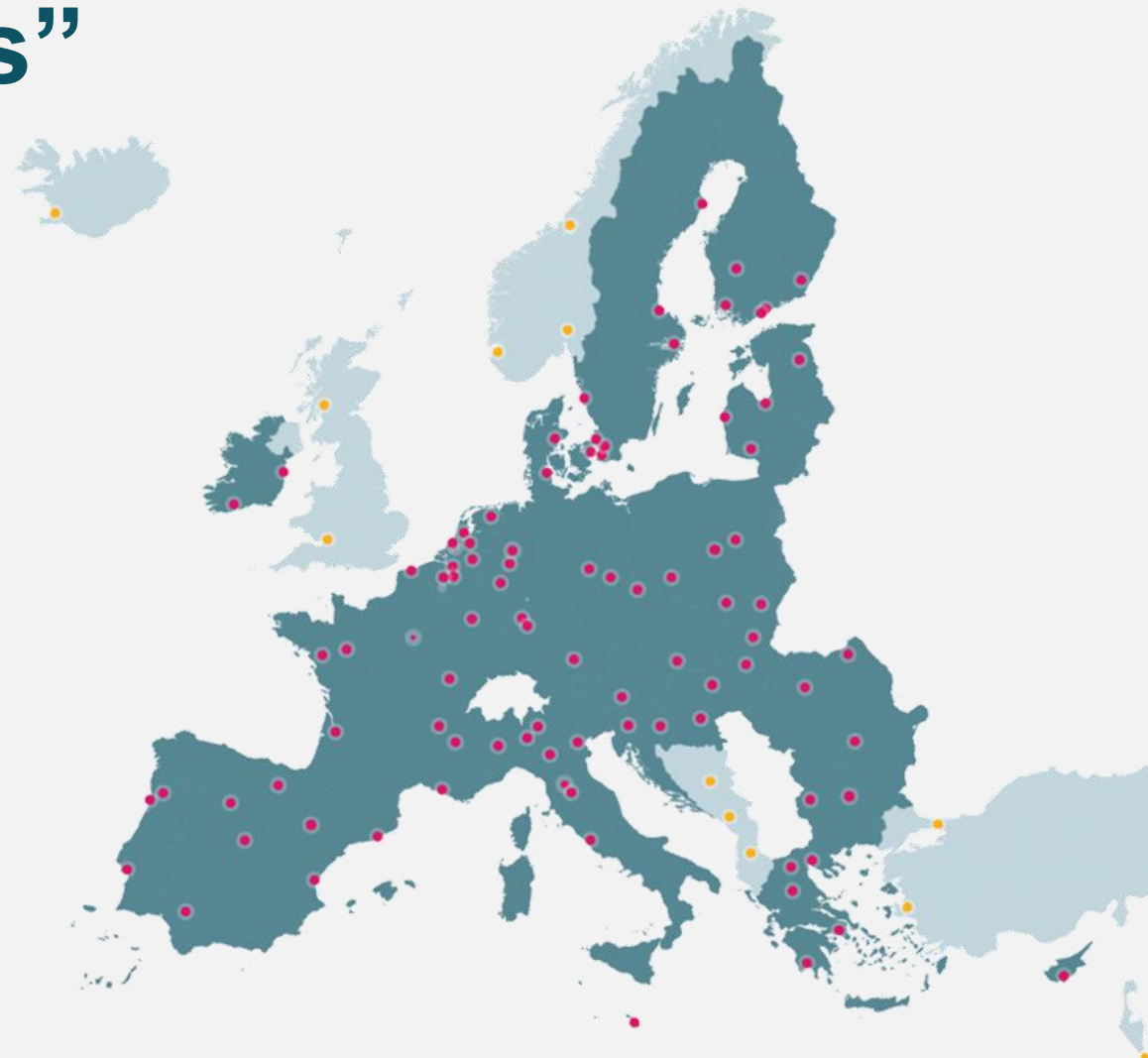


This project has received funding from the H2020 Research and Innovation Programme under grant agreement n°101036519.

Supporting the EU Mission “Climate Neutral and Smart Cities”



- As part of the Horizon Europe programme, the EU has launched a Mission “[100 Climate-Neutral and Smart Cities by 2030](#)”
- The objectives of the Mission are to achieve 100 climate-neutral and smart European cities by 2030 and to ensure that these **cities act as experimentation and innovation hubs to enable all European cities to follow suit** by 2050
- **NetZeroCities** is the platform to support the Mission. It will help Europe in its ambition to achieve climate neutrality by providing cities with **world-class expertise and services** tailored to their needs



Our Mission Objectives



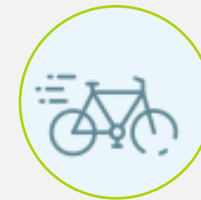
Develop an approach to support **climate-neutral transformation** in cities



Forge a **platform** for cities to use for all **services & expertise** critical to climate neutrality



Help cities build capabilities and ways of working to advance **systemic change** using innovation



Facilitate a pipeline of cities **accelerating** towards climate neutrality





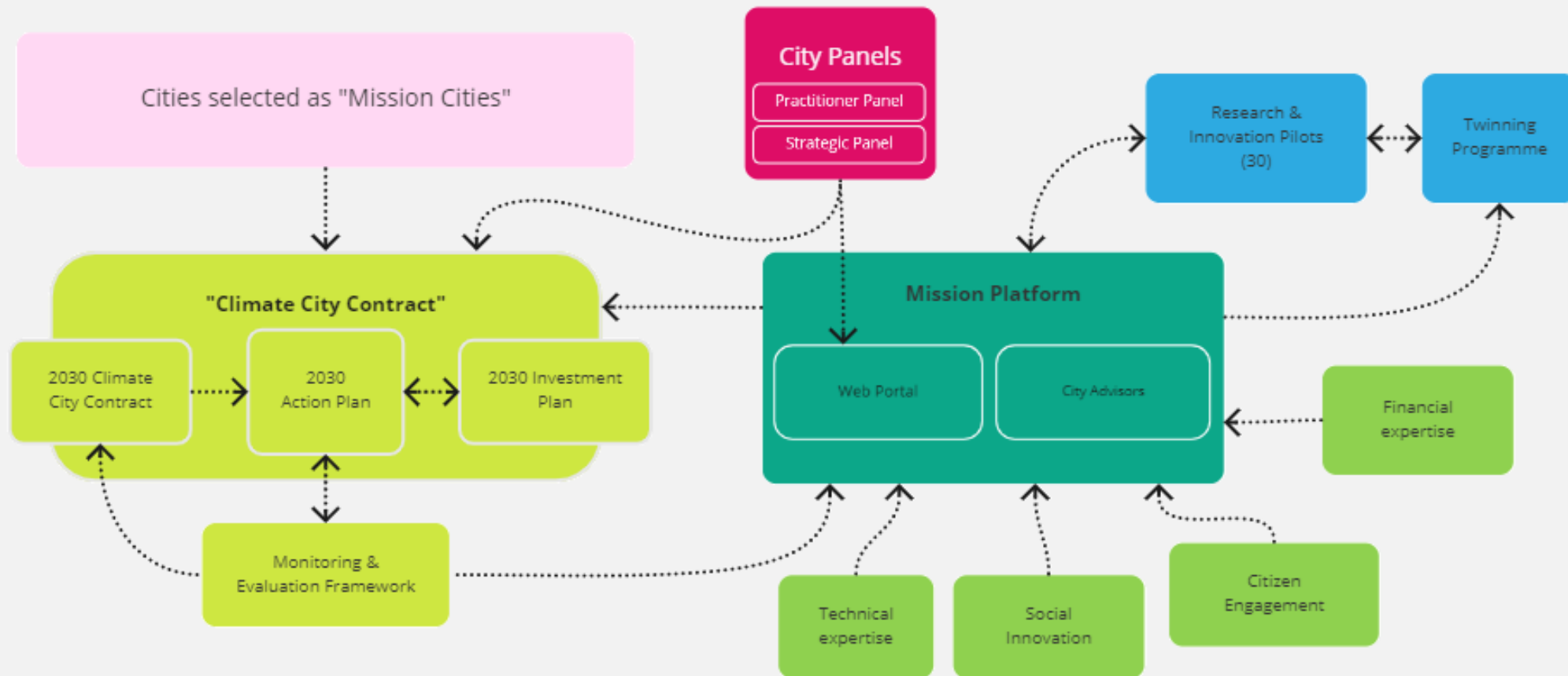
Support from NetZeroCities

1. **Mission Platform** – organise and make accessible to all cities available tools, resources, expertise, capabilities
 - Mission Portal
 - City Advisors
2. **The Climate Transition Map**
3. **Climate-neutral City Contracts** – multi-level government collaboration tool and instrument for building agency and resources
 - Mission Action Plan
 - Capital & Investment Plan
4. **NZC City Pilots** – up to 30 cities to receive funding for innovation-focused projects
 - Climate neutrality ambition and Mission alignment
 - Twinning programme to engage and help more cities



Mission Platform

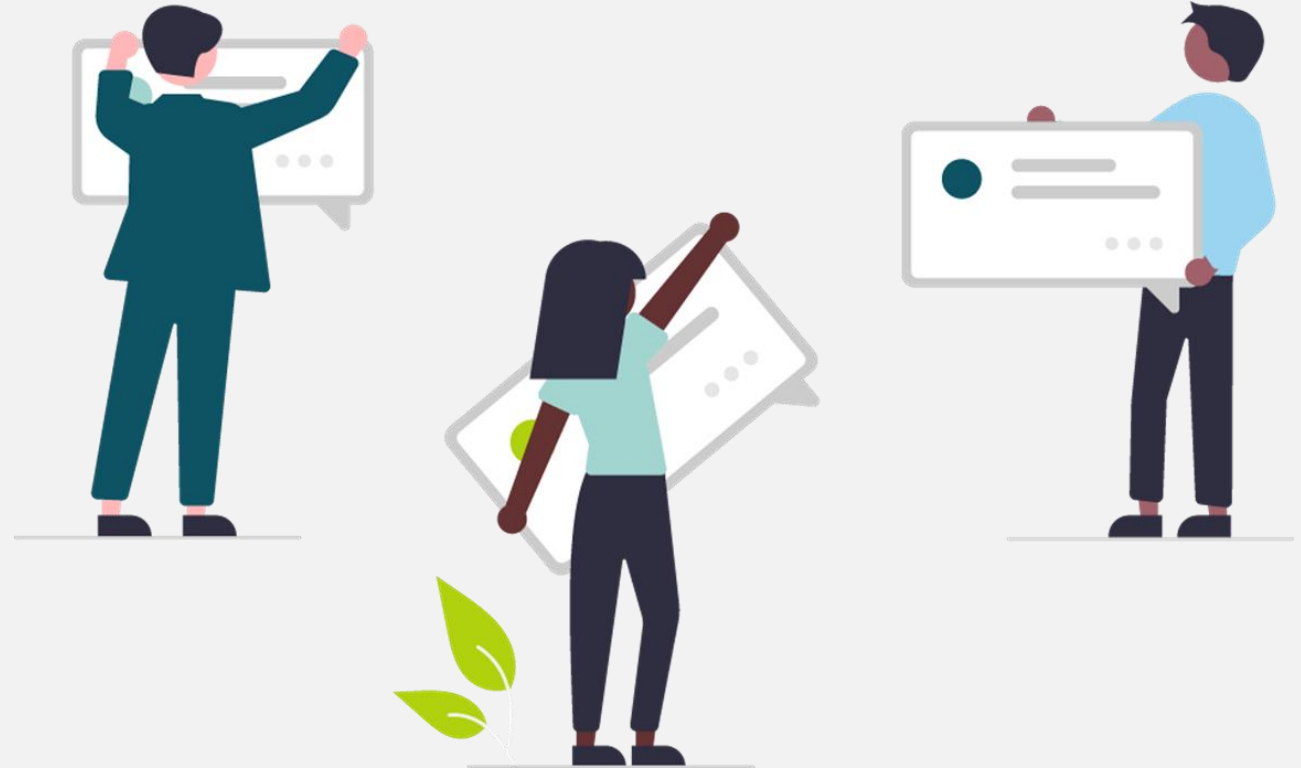
NZC & the Mission Platform





City Advisors

12 City Advisors supporting
the 112 Mission Cities and the
Pilot Cities

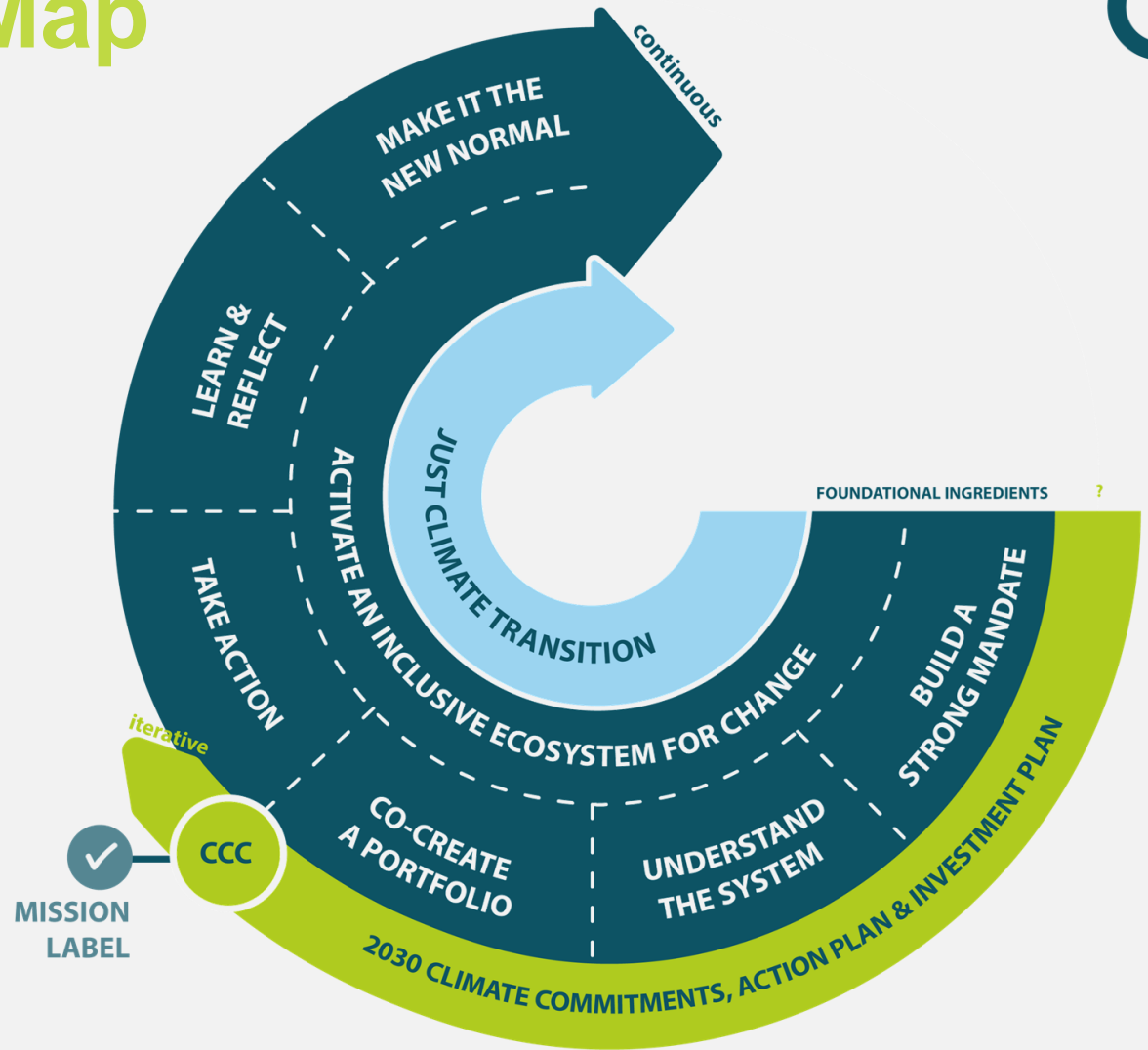


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The Climate Transition Map

A systemic approach to accelerating decarbonisation

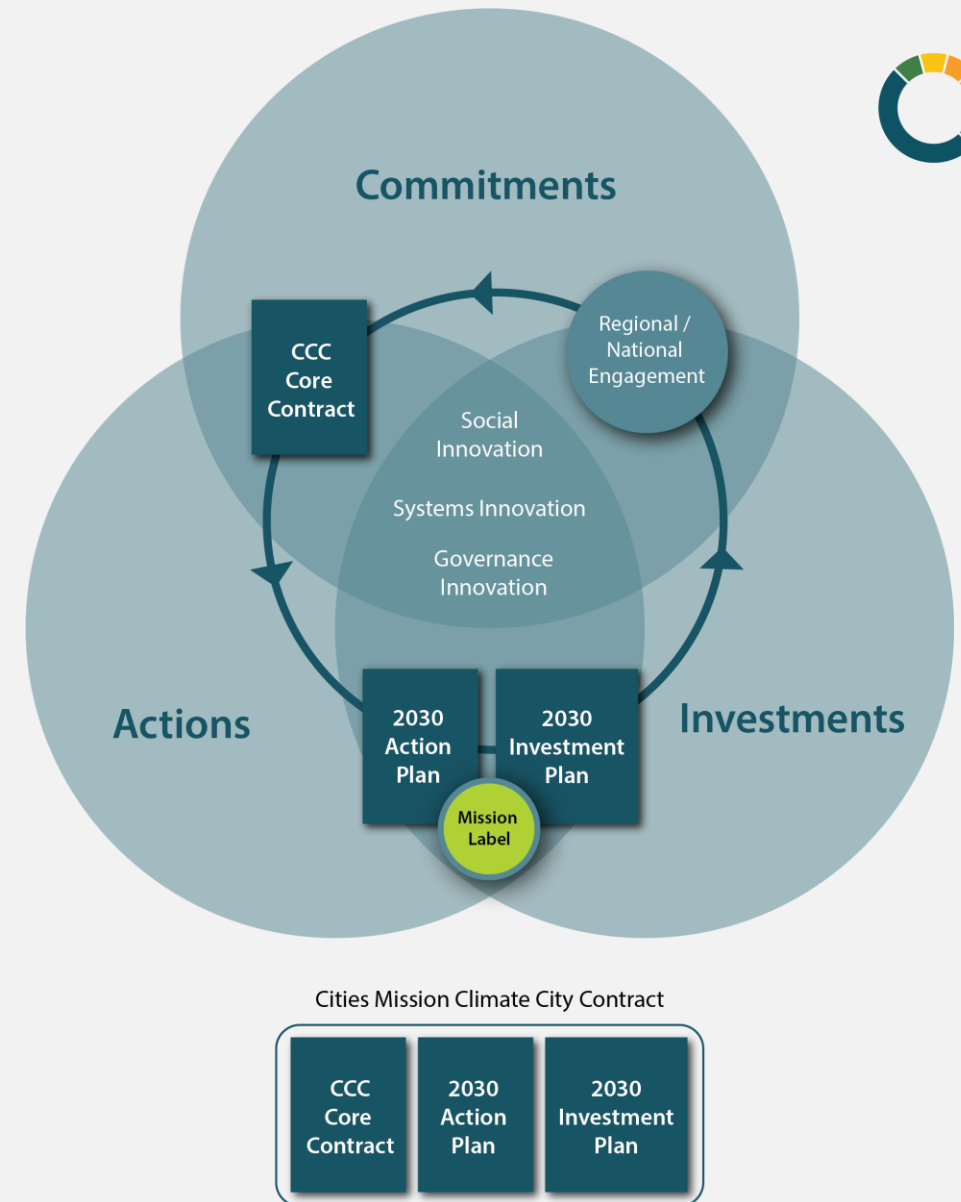
- This journey is **iterative**.
- Learning is crucial to accelerate progress and impact.
- **(Co-)creating and testing** to refine strategies and plans is the only way to discover the way forward when options are not clear.
- Getting to climate-neutrality will require both, **quick wins and experimentation** to refine and evolve strategies towards the full decarbonisation needed.





Climate City Contract

One process with three interlinked components: **Commitments, Actions, and Investments**



NZC Pilot Cities

What is the NZC Pilot Cities Programme?



- A two-year, cascading grant funded programme, financed under Horizon 2020.
- Supported by the NZC Mission Platform
- Portfolio of 'Pilot Cities' testing various pathways to accelerated decarbonisation
- Targeting key identified city emissions domains and deploying R&I solutions in concert with multiple levers of change and multiple stakeholders.
- €32M for approximately 30 grants.

Approx.

- 12 x €1.5M
- 10 x €1.0M
- 8 x €0.5M





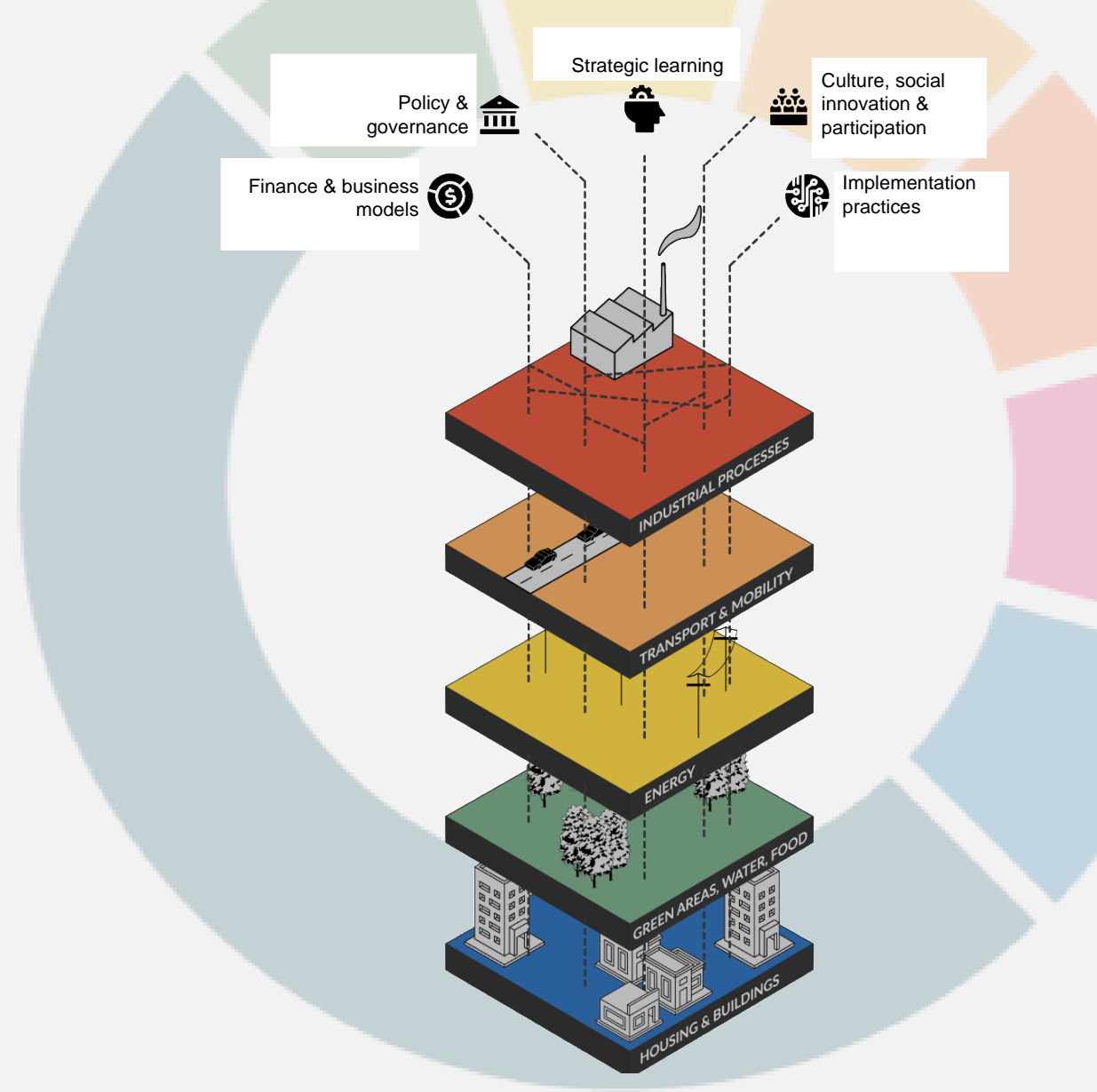
Needs, Drivers, Barriers

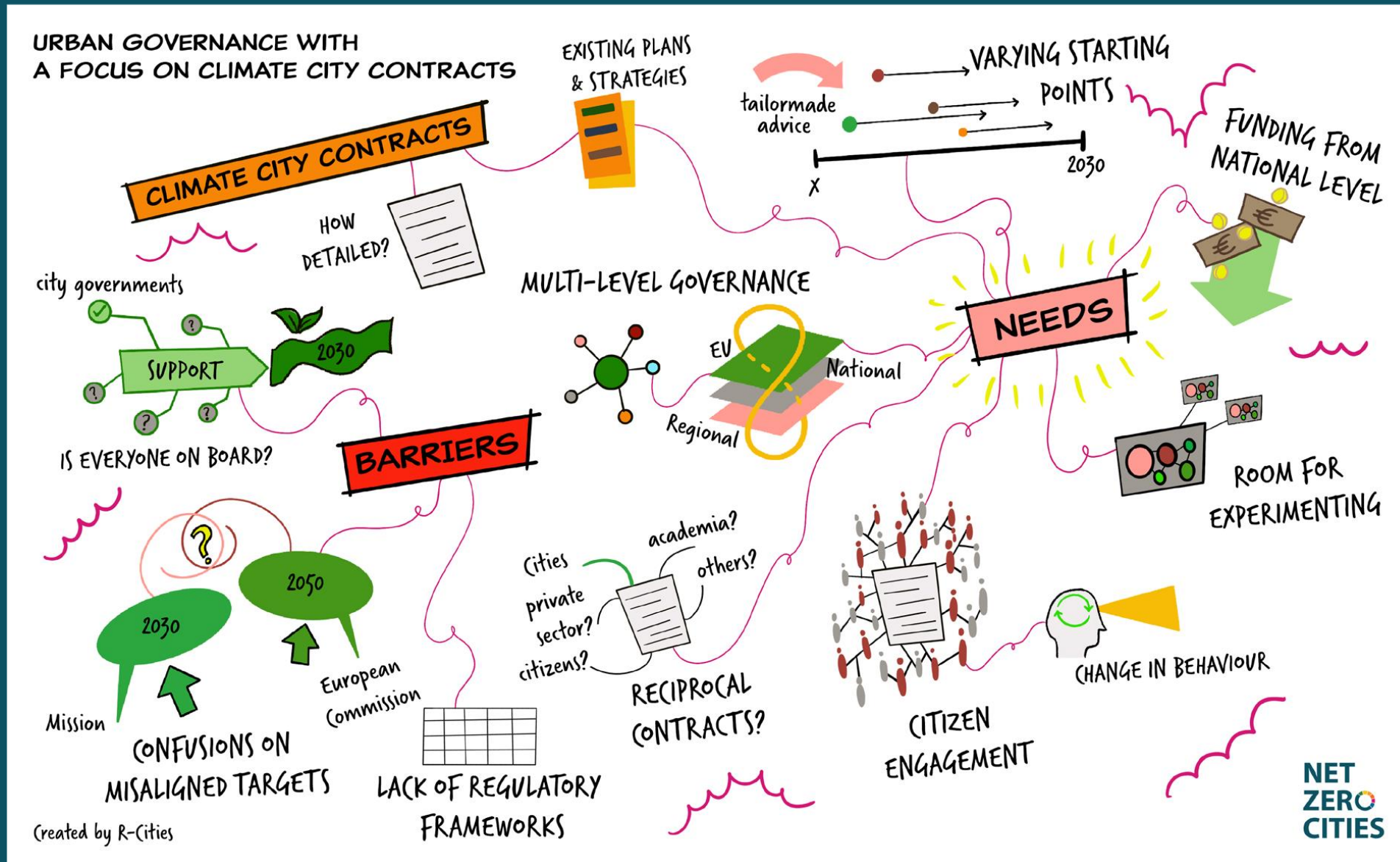


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Five key areas

- Policy & governance
- Implementation practices
- Culture, social innovation & participation
- Finance & business models
- Strategic learning







BUILT ENVIRONMENT
AND SYSTEMIC INNOVATION

COLLABORATION ACROSS ALL
LEVELS OF GOVERNMENT

BUILDING
AWARENESS

MOBILISING
PRIVATE SECTOR

TRUST AND
OVERCOMING
POLARIZATION

NEEDS

BARRIERS

BUILT ENVIRONMENT

THEORETICAL

gap!

ACTION

CLIMATE ACTION
PLANNING

LEARNING FROM DATA

CO-DESIGN OF PILOTS

INITIATIVES

TOOLS

GOVERNANCE

SUPPORT

PEER-TO-PEER
KNOWLEDGE EXCHANGE

political cycles
vs
long term planning

NET
ZERO
CITIES

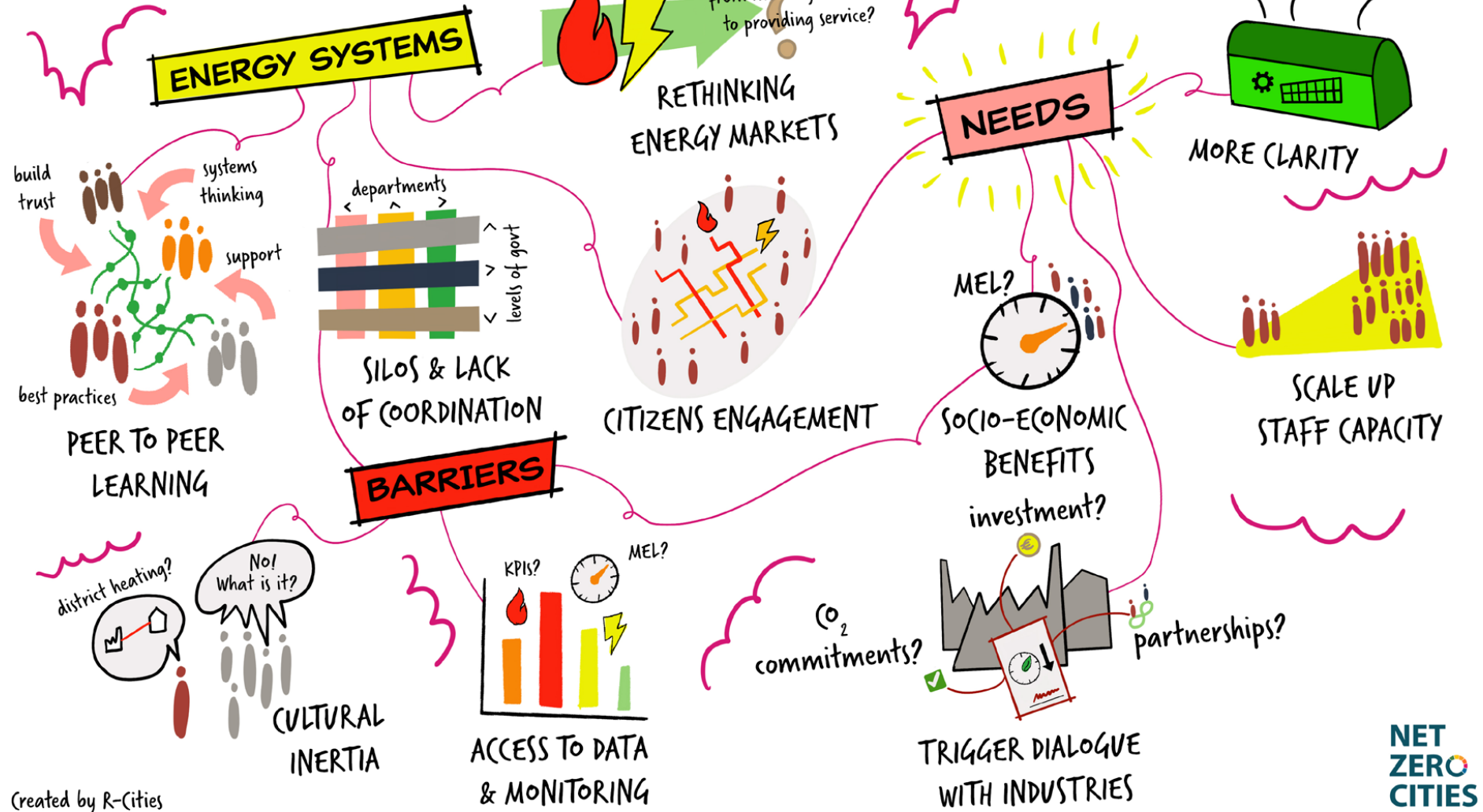
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ENERGY SYSTEMS SUSTAINABLE HEATING & COOLING



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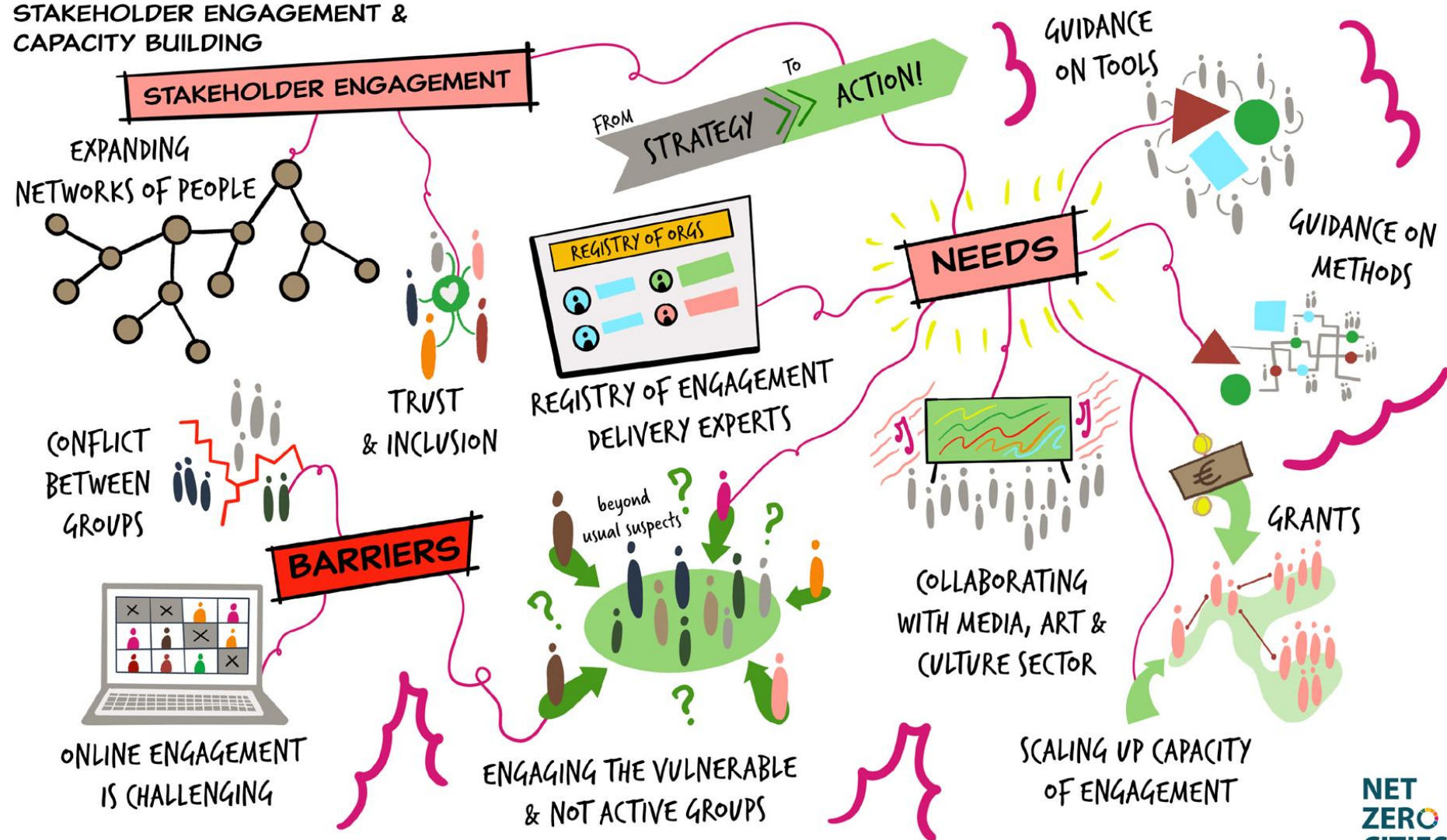
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STAKEHOLDER ENGAGEMENT & CAPACITY BUILDING



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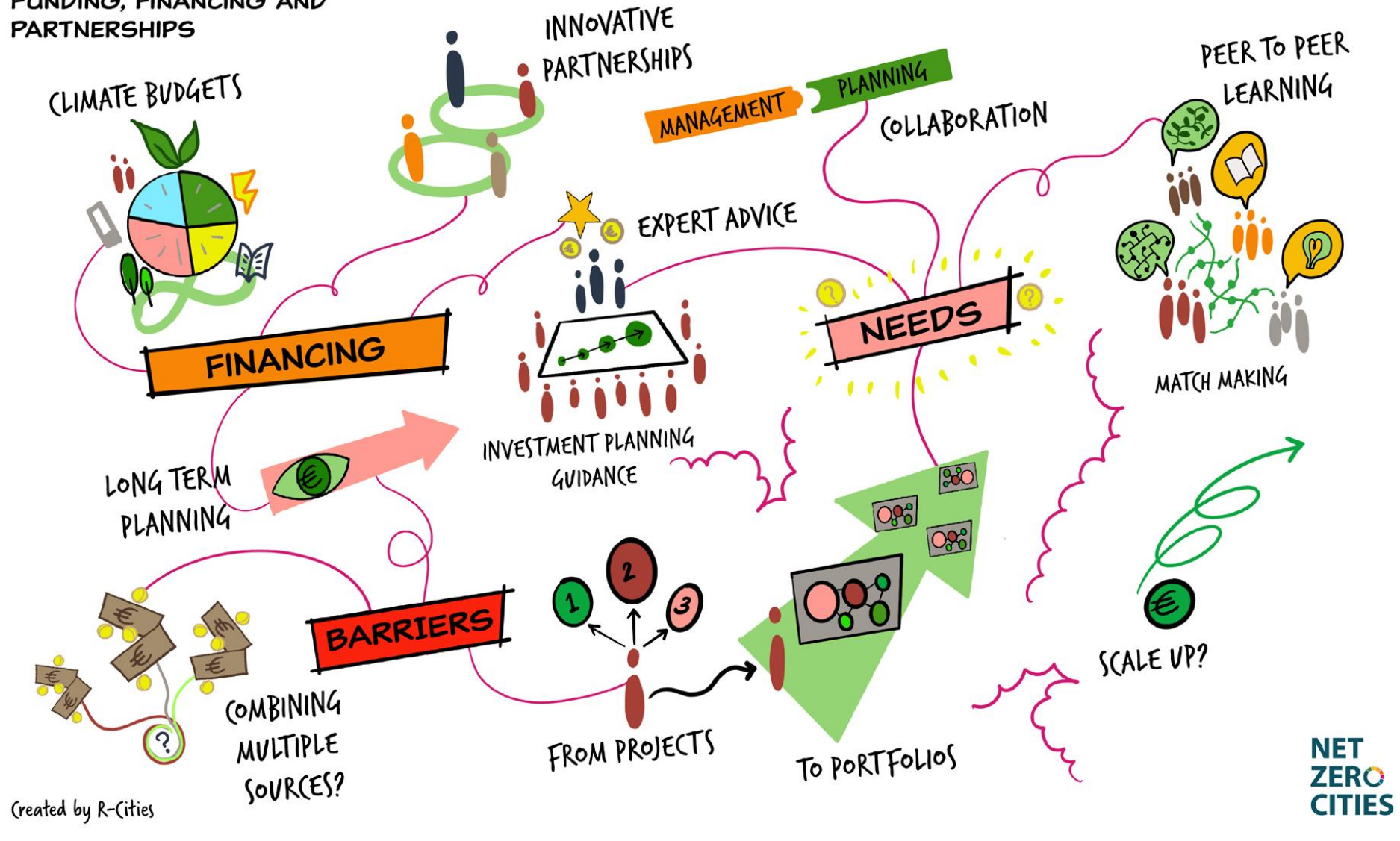
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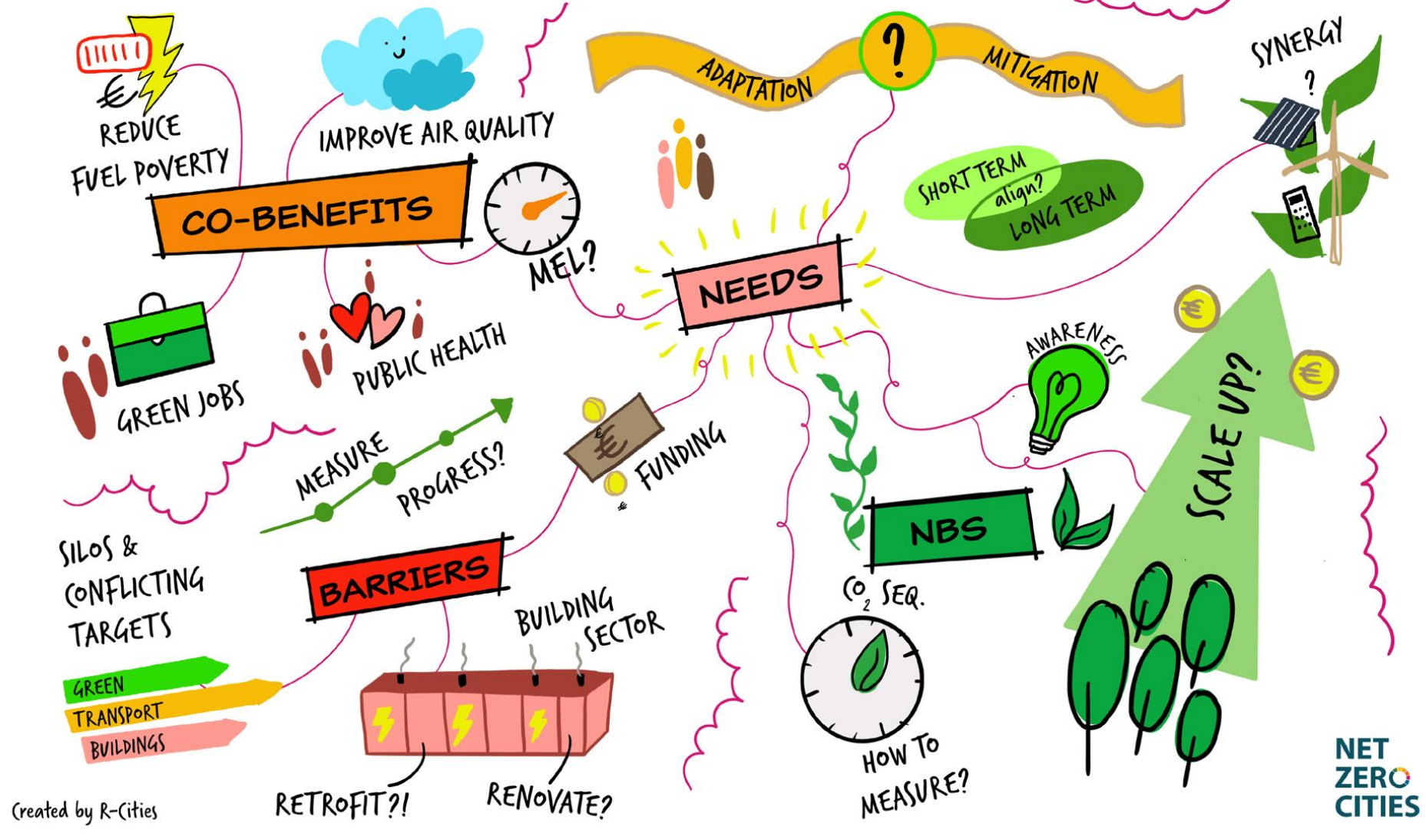


FUNDING, FINANCING AND PARTNERSHIPS

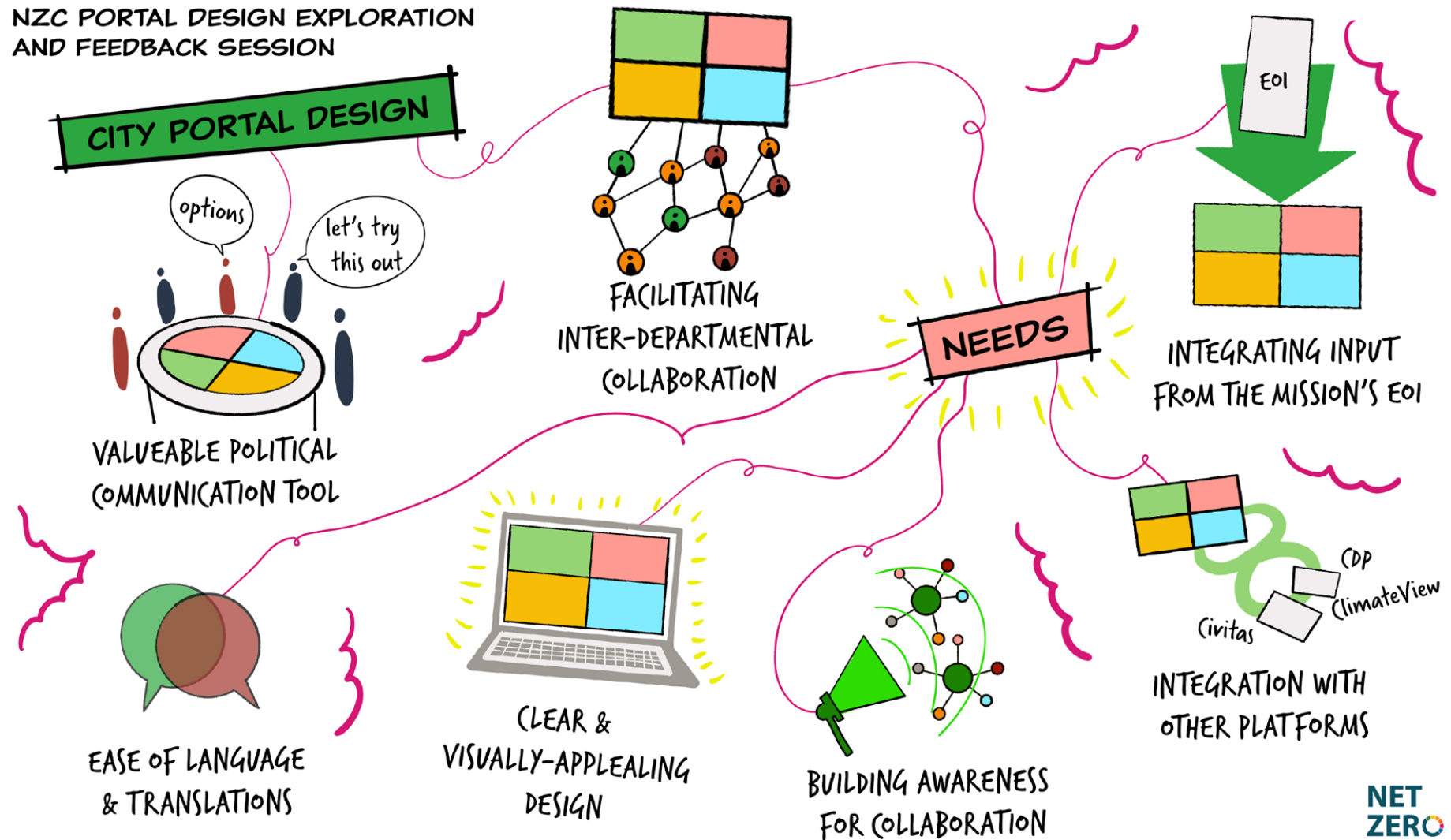




CO-BENEFITS AND NATURE BASED SOLUTIONS



NZC PORTAL DESIGN EXPLORATION AND FEEDBACK SESSION



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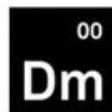


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Climate Alliance

CARTIF



DEMOS
HELSINKI



ENERGYCITIES



MATERIAL
ECONOMICS



TAL
TECH



Get in touch with NetZeroCities!



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