



NET ZERO CITIES

Learning Report on Implementation of Transversal and Systemic Innovation

Deliverable D8.9

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Abbreviations and acronyms

Acronym	Description
CA	City Advisor
CCC	Climate City Contract
CE	Citizen Engagement
CSG	City Support Group
CSO	City Support Officer
DWG	Domain Working Group
NZC	NetZeroCities
WP	Work Package

Summary

The transition to climate neutrality is a complex, systemic challenge that requires new governance models, systemic innovation, and the active participation of citizens. Recognising this, the Horizon Europe Cities Mission has placed citizen engagement at the heart of its mission-oriented approach, with NetZeroCities (NZC) acting as the platform to support cities in translating this ambition into practice.

This report captures NZC's learning from supporting Mission Cities to strengthen and embed citizen and stakeholder engagement into their climate transition strategies. It presents the approaches, tools, and resources developed. It also examines how they have been applied in real contexts and reflects on their effectiveness in driving systemic change. The analysis draws on diverse sources, including case studies, structured exchanges with NZC City Advisors and specialists, and a review of the resources available on the NZC portal.

While the resource offer is broad and well-developed, findings show that its value depends on accessibility, contextual relevance, and human guidance and facilitation. The report identifies opportunities to make engagement tools more accessible, context-specific, and strategically integrated across NZC's work. The analysis also highlights that sustained impact requires political commitment, cross-departmental alignment, partnerships with trusted local actors, and institutionalisation of engagement practices.

Ultimately, this learning report also offers recommendations to refine NZC's support model, ensuring that citizen engagement remains a central pillar embedded in the governance of the climate transition.



1 Introduction

The transition to climate neutrality is not merely a technical challenge, but it is a deeply systemic transformation that requires new forms of governance, innovation and collective action. Central to this transformation is the active involvement of citizens and stakeholders, not only as beneficiaries but as co-creators of change. The European Commission, through the Cities Mission, has identified citizen engagement as a critical pillar of the mission-oriented approach, highlighting both its importance and the need to strengthen it further, as reflected in the July 2023 Mission evaluation communication. Experience from NetZeroCities (NZC) confirms that fostering meaningful, inclusive citizen participation is essential to building societal ownership, increasing local legitimacy and enabling the scale of change required for climate-neutral futures.

This learning report captures the NetZeroCities evolving experience of supporting Mission Cities in their efforts to implement transversal and systemic innovation, with a particular focus on citizen and stakeholder engagement. The report synthesises practical insights, methodological approaches and reflective learning drawn from the deployment of tools, strategies and support mechanisms aimed at enabling cities to make meaningful progress toward climate neutrality.

The objective of this deliverable is twofold: first, to document how cities have engaged with NZC' diverse resources and services for citizen engagement (CE); and second, to assess the effectiveness and limitations of these supports in fostering systemic change. The report explores the interplay between tools, human support and institutional readiness, while identifying critical gaps, learning opportunities and recommendations for enhancing the CE offer.

Structured around key components of the NZC support structure, including strategic tools, facilitation resources and real-world Mission Cities case studies, the report provides a detailed account of how cities have navigated citizen engagement within complex local contexts. It also presents findings from a targeted learning exercise involving interviews with City Advisors (CAs), NZC specialists, and city representatives, whose feedback helped get an understanding of practical challenges and needs.

Ultimately, this learning report contributes to the ongoing evolution of the NZC service model by offering evidence-informed insights on what supports cities need, not only to engage citizens more effectively, but to embed engagement as a systemic capacity in their climate transition journey.



2 NZC CE support to cities

NZC's citizen engagement support to cities combines a range of tools, resources, and human support, offered through online and in-person channels. The service model is designed to guide cities in shaping effective engagement approaches that connect citizens and city leaders. Its core aim is to support the activation of an inclusive ecosystem for change. It serves as a pathway for cities, as well as other users such as City Advisors and citizen engagement specialists, to navigate the available citizen engagement tools and identify those most relevant to their context and needs. The service model is composed of the following elements:

- The [Spaces for Encounter Framework](#);
- Two interconnected **Engagement Strategy tools**: Engagement Priority Identifier and the Engagement Strategy Enhancer (these were initially called the Ecosystem Activation tools: Ecosystem Check-Up and Activation Pathfinder). Based on users' responses, the tools generate tailored recommendations by directing them to relevant citizen engagement resources;
- The different CE tools, such as the Engagement Building Blocks, Civic Environment Mapping Service, and [others available on the NZC portal](#), that were developed by WP8.

The resources are accessible in a self-service way via the portal, but they can also be facilitated with support from City Advisors, City Support Officers (CSO), and the Domain Working Group (DWG) on Citizen Engagement, through personalised support or through online or in-person peer-to-peer learning sessions.

The DWGs are thematic groups with specialised team members responsible for delivering scoped expert support to Mission and Pilot cities on a domain of work they steward (e.g., mobility, built environment, just transition), and for providing content leadership to enable cities to deploy best-in-class solutions and approaches, in sync with the Mission ambition. DWGs do not take initiatives to support cities on their own but rather respond to needs identified and scoped by a CSG that is allocated to them by the Support Office based on their expertise and resources available. They might collaborate with each other on cross-DWG sprints to deliver on support request that require different expertise.

2.1 Overview of engagement tools and resources

This section provides an overview of various tools designed to help both Mission and non-Mission cities deepen and enhance their citizen and stakeholder engagement efforts that were developed by WP8. The complete list of engagement tools and resources is available on the [NZC portal](#).

2.1.1 Engagement Strategy Tools

The Engagement Strategy tools (previously called the Ecosystem Activation tools) are composed of the Engagement Priority Identifier (previously called the Ecosystem Check-Up) and the Engagement Strategy Enhancer (previously called the Activation Pathfinder).

Designed by Demsoc in collaboration with WP8 and T8.4 partners, the tools aim to contribute to a service model "that can pull together a coherent, interdependent, interconnected, and interoperable set of WP8 services" (Ayiwe et al., 2023). The objective is to help cities identify relevant NZC resources and services on citizen and urban stakeholder engagement, "no matter where they are in their user journey. Whether they are unaware of their needs, uncertain about what to do, or in the process of their climate transition, these tools can help clarify their positionality and take appropriate action" (Ayiwe et al., 2023).



Available via the NZC portal, these tools function like a self-assessment questionnaire. After completion, the user is directed to relevant tools and resources available on the portal.

A detailed analysis of the usage of the Engagement Strategy Tools is available in *D8.7 Service model for citizen and stakeholder participation (updated version)*.

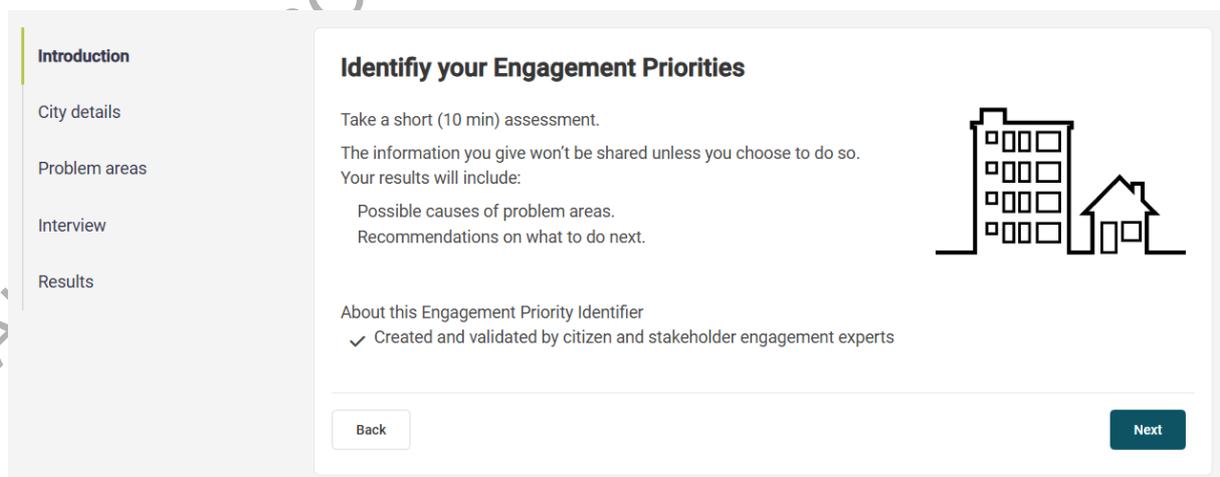


Figure 1: Screenshot of the Engagement Strategy tools page on the NZC portal

2.1.1.1 Engagement Priority Identifier

The Engagement Priority Identifier is a “diagnostic tool that helps cities identify their citizen and stakeholder engagement needs, find a corresponding service to use which can respond to that need, and offer complimentary services which can be used to enhance the city’s effectiveness at addressing that need” (NetZeroCities, 2023). Based on the user’s responses, different resources are recommended.

Depending on the inputs entered by the user, different combinations of services and resources are presented on the final page.



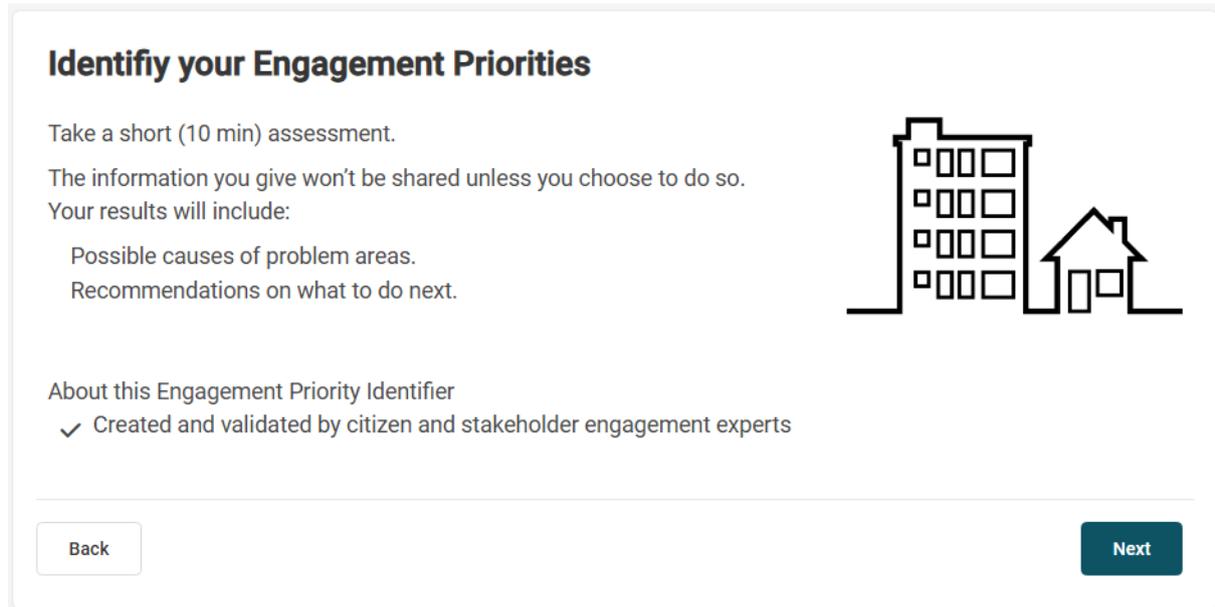
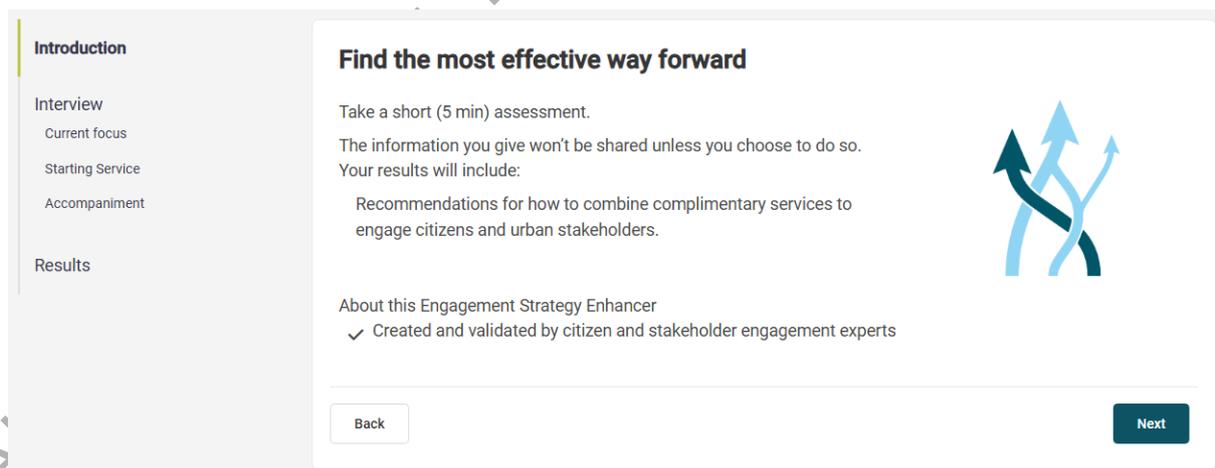


Figure 2: Screenshots of the Engagement Priority Identifier

2.1.1.2 Engagement Strategy Enhancer

The Engagement Strategy Enhancer is a “user experience optimisation tool that enables users to make the most of the services provided by the NetZeroCities mission” (Ayiwe et al., 2023). After filling out a questionnaire, users are directed to complementary services that enhance their overall approach to citizen and urban stakeholder engagement.

Depending on the inputs entered by the user, different combinations of services and resources are presented on the final page.



Where is your city's work currently focused on the Climate Transition Map journey?

- Building a Strong Mandate
- Understanding the System
- Co-Designing a Portfolio
- Taking Action
- Learning & Reflecting
- Making it the New Normal



Back

Next

Which of the NZC Citizen and Stakeholder Engagement Services are you already using or planning to use?

If you haven't found a starting place yet, try using the [Engagement Priority Identifier](#)

- Engagement Building Blocks
- Civic Environment Mapping
- NetZeroCommunities
- Spaces for Encounter
- Activating Ecosystems for Change, Capability Building Module

Back

Next

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To what extent would you like your use of NZC Citizen and Stakeholder Engagement services to be facilitated with an expert?

Zero Facilitation
We would like to use the service on our own.

Service Introduction
Facilitator introduces how to use service.

Accompaniment
Facilitator introduces and clarifies during use.

Coaching
Facilitator introduces and coaches throughout use.

Back Next

Try these combinations of services.

Based on the phase of the Climate Transition you are currently focused on, the services you're already using or plan to use, and your desired level of accompaniment, we would recommend using the following services to enhance the effectiveness of your current work.

We recommend you connect with an expert to help facilitate you use of the services.

To help you Co-Designing a Portfolio, use these services to enhance the impacts of: NetZeroCommunities and Spaces for Encounter

NetZeroCommunities

Knowledge Repository Resources

The knowledge repository can provide a range of methodologies and case studies that have been successful in supporting the design of a portfolio of projects to deploy. For example, it can provide resources on financing mechanisms, stakeholder engagement strategies, and innovation frameworks.

[Access the service directly by clicking here](#)



Figure 3: Screenshots of the Engagement Strategy Enhancer

2.1.2 Engagement Building Blocks

The [Engagement Building Blocks](#) offer a structured, visual, and collaborative approach to designing citizen and stakeholder engagement processes. It consists of four themed decks (goals, context, design choices, and methods) that guide users through both analytical and visioning phases. This framework supports exploration of different pathways, identification of engagement needs, and alignment among stakeholders on key design elements. It is especially valuable in the early planning stages, but can also serve as an effective resource during the co-creation and refinement of engagement strategies.

The tool is intended primarily for city teams but is applicable in a range of settings where engagement processes are under development. Its impact is maximised when used in multidisciplinary groups or with participants bringing diverse perspectives. By fostering collective reflection and strategic planning, the Engagement Building Blocks help ensure that engagement efforts are contextually grounded, inclusive, and well-structured.

2.1.3 Civic Environment Mapping Service

The [Civic Environment Mapping Service](#) enables cities to identify and visualise the diverse individuals, groups, and organisations that influence or are impacted by the climate neutrality transition. It includes a synthesized [NZC Civic Engagement Mapping Tool](#) and a set of curated canvases, supported by the [NZC Civic Environment Mapping Guide](#). These resources are accessible through the NZC portal and are designed for use by city administrations and Transition Teams in both in-person and online workshop settings. The service helps clarify stakeholder roles, relationships, resources, and levels of influence, providing a structured approach to strategic engagement.

This service supports cities in developing a deeper understanding of their local ecosystem, identifying levers of change and key obstacles, and mapping their current position within the Climate Transition Map. It enables a more inclusive and strategic approach to stakeholder engagement, allowing cities to move beyond the usual suspects and engage a broader coalition of actors.

2.1.4 Strategies for designing Spaces for Encounter

Spaces for Encounter enable citizens and stakeholders with different types and levels of power to interact in carefully facilitated ways, which can have a powerful effect on bridging divides and creating impact. They are spaces where citizens can encounter various stakeholders and be included in the transition to climate neutrality, both within the framework of the spaces and more broadly in the city's work towards climate neutrality. [This framework](#) provides a way for thinking about the values and process of engagement that are needed in the spaces.

The strategies for Spaces for Encounter have been used by DemSoc City Specialists in CSG in their work with direct city support. Currently, the Strategies for Spaces for Encounter are being revised under SGA2 WP1; the objective is to move from strategies to a methodology for Spaces for Encounter. This methodology is being co-developed with the city of Valencia.

2.1.5 Scaffolding Emergence Canvas

The [Scaffolding Emergence Canvas](#) is a tool designed to support cities in building distributed networks for urban transformation. It encourages municipalities to move beyond one-off engagement efforts by fostering sustained collaboration with frontrunners and key stakeholders. Using the Quintuple Helix framework, the canvas prompts users to categorise stakeholders according to their societal role (e.g.,



academia, industry, civil society, government, and the natural environment), helping to construct a dynamic, multi-actor ecosystem that supports long-term climate action.

2.1.6 Day-to-Day Lifecycle: Infrastructuring Democracy

The [Day-to-Day Lifecycle: Infrastructuring Democracy](#) tool supports cities in embedding stakeholder engagement systematically across all phases of urban projects. It addresses a common barrier in city-led projects: the belief that stakeholder engagement must wait until plans are fully developed. This canvas reframes participation as a dynamic, ongoing process, allowing engagement to begin at any point in a project's lifecycle.

Initially developed as a game-based exercise, the tool can also be applied to real-life city contexts. It guides users through assessing political, civic, and technical conditions, identifying key moments for engagement, and selecting appropriate goals, design choices, and methods. The process is highly adaptable and designed for iterative use; cities are encouraged to revisit and revise their stakeholder engagement strategies as projects evolve.

2.1.7 Shaping Climate Narratives and Activation Canvas

The [Shaping Climate Narratives & Activation canvas](#) is a structured 90-minute exercise designed to help city teams craft compelling narratives and develop tailored key messages to engage diverse stakeholder groups. It supports cities in aligning internal communication, fostering empathy, and enhancing strategic outreach by focusing on the motivations, needs, and communication preferences of different personas. The canvas guides users through identifying appropriate messaging formats and channels, helping to increase relevance and resonance across audiences.

This tool is most effective when used in conjunction with prior stakeholder mapping to ensure a clear understanding of the local engagement landscape. It is recommended for use by multidisciplinary teams, ideally including individuals who have direct relationships with, or insights into, the target groups.

2.1.8 Case studies

The collection of [case studies](#) offers a repository of real-world examples to support cities in advancing inclusive citizen and stakeholder engagement across all phases of the Climate Transition Map. Organised according to the six key stages (Build a Strong Mandate, Understand the System, Co-Create the Portfolio, Take Action, Learn and Reflect, and Make it the New Normal), this resource provides cities with practical illustrations of participatory approaches from diverse contexts.

Resource name	Description
Engagement Strategy Tools: Engagement Priority Identifier	This diagnostic tool functions as a personalised health assessment for your city's engagement requirements. By answering straightforward questions, you'll pinpoint your highest engagement needs and identify the most pressing issues to address. The tool will help you define your local engagement needs and identify which services you can use to start addressing those needs with the citizens and urban stakeholders in your city.
Engagement Strategy Tools: Engagement Strategy Enhancer	This tool will help you navigate the best combination of engagement support tools, modules, and services available. It will help you to build on what you've already done or plan to do by finding additional, complementary services you can use to engage and activate the citizens and urban stakeholders in your city. For maximum impact, it



	<p>will advise you on how to best use each tool in combination with others.</p>
<p>Engagement Building Blocks</p> <ul style="list-style-type: none"> - Instructions - Glossary - Printable Cards 	<p>En route to achieving climate neutrality, you will need to engage with citizens and urban stakeholders across your city. The Engagement Building Blocks offer a visual, collaborative, and playful way to learn and implement frameworks for designing such an engagement process. It can be used to explore alternative ways forward, assess needs, and reach agreement on key aspects between different stakeholders before you start the detailed design.</p>
<p>Civic Environment Mapping Service</p> <ul style="list-style-type: none"> - Civic Engagement Mapping Tool - Companion guide for Civic Environment Mapping 	<p>Mapping civic environments is the first step to visualize various individuals, groups and organizations, their roles, relationships, influence and impact on the city's climate neutrality transition journey. This collection, provides a synthesized NZC Civic Engagement Mapping Tool and an additional range of curated mapping canvases which Transition Teams in the Mission Cities can implement in both physical and online workshop settings. These tools are delivered as a package with a 'Civic Engagement Mapping approach', which provides the guidebook to select, implement and mainstream mapping in city climate neutrality planning processes.</p>
<p>Strategies for designing Spaces for Encounter</p>	<p>Spaces for Encounter enable citizens and stakeholders with different types and levels of power to interact in carefully facilitated ways which can have a powerful effect on bridging divides and creating impact. They are spaces where citizens can encounter various stakeholders and be included in the transition to climate neutrality, both within the framework of the spaces and more broadly in the city's work towards climate neutrality. This framework provides a way for thinking about the values and process of engagement that are needed in the spaces. It is not necessarily a step-by-step guide on how to create these spaces, but a guide on what you need to consider and possess to create Spaces for Encounter.</p>
<p>Scaffolding Emergence Canvas</p>	<p>The Scaffolding Emergence Canvas is a tool that supports cities that aim to create a distributed network for change. It guides municipalities beyond one-off engagement, fostering a collaborative ecosystem where cities work closely with frontrunners to shape and maintain a dynamic network for urban transformation. The canvas guides participants through the Quintuple Helix, obliging them to choose to which helix any stakeholder is part of.</p>
<p>Day to Day Lifecycle: Infrastructuring Democracy</p>	<p>A major challenge for cities is determining when and how to initiate stakeholder participation. Often, project teams feel they must have every detail finalized before engaging stakeholders and/or the wider public, leading to missed opportunities for meaningful collaboration. The "Infrastructuring Democracy" canvas helps cities recognize that participation can serve various purposes and methods, and it can be initiated at any stage of a project's lifecycle, ensuring a more inclusive and adaptive approach to urban development.</p>
<p>Shaping Climate Narratives and Activation canvas</p>	<p>This 90-minute exercise helps teams craft compelling narratives and identify tailored key messages and communication formats to engage different stakeholders. It supports alignment, empathy, and</p>



	strategic outreach by focusing on stakeholder needs, motivations, and the most effective channels to reach them.
Collection of case studies	Collection of case studies on various citizen engagement initiatives in cities.

Table 1: Overview of citizen engagement tools and resources

2.2 Priority and Specialist Support

In the first NZC grant, the primary support mechanism for cities was the City Advisors (CAs). Consequently, the design of the tools and resources developed under WP8 on Citizens and Stakeholder Engagement was conceived to serve multiple types of users, not only cities directly, but also intermediaries and facilitators such as the City Advisors themselves.

The Engagement Strategy Digital Tools were the main instruments developed to accompany this support (see Deliverable 8.6, Deliverable 8.7). Their purpose was to guide users through available resources, enabling them to identify the most relevant tools depending on their specific profile, context, or stage of the transition journey. For cities, this meant they could access tailored resources that responded to their situational needs, while City Advisors could act as facilitators, helping cities navigate and find these tools effectively.

With the second NZC grant, SGA1, the platform was able to expand and enrich the human support dimension by complementing the role of the City Advisors with the introduction of City Support Groups (CSGs). These groups included specialist profiles, such as Citizens Engagement Specialists, who could provide more targeted expertise. This evolution marked a shift from a primarily tool- and CA-driven generalist support towards a contextualised and tailored approach, where digital resources and facilitation tools became shared assets, bundled and assembled to meet cities' evolving needs.

Today, cities benefit not only from the generalist guidance and key relationships holders, City Advisors, who remain their primary point of contact, but also from specialist expertise on demand. When more specific experience is needed, CAs can bring in Citizen Engagement Specialists to provide direct support. Furthermore, City Advisors and cities can submit targeted requests to the Citizen Engagement Domain Working Group, ensuring that knowledge, tools, and tailored facilitation are aligned to their unique circumstances.

This blended model of digital tools and human expertise significantly enhanced cities' ability to design, implement, and iterate their citizen engagement strategies.



Approach and Engage vulnerable groups
Antwerp 23/06/2023
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Key consideration for fostering engagement

4. Ensure continuity and community centrality

Long-term presence and regular touchpoints are vital for strengthening people's engagement and participation. Supporting the creation of permanent spaces for encounters among diverse groups of citizens, stakeholders, and authorities is a fundamental step toward meaningful and long lasting participation.

Spaces for Encounters is a framework designed to establish physical spaces for collaboration, engagement, and action among different subjects. It was developed by the Net Zero Cities Consortium partners and is particularly supported by Democratic Society. You can read more about this framework [here](#) and eventually get in contact with us for support.

Many Mission Cities are working to set up (or have already established) spaces for encounters in their local contexts to foster collaboration and collective action among different stakeholders. Far from being fixed models, these spaces can take various physical and organisational forms.

Examples include one-stop shops that go beyond simple service provision, open community hubs, collective and collaborative third spaces, and other types of venues where people's needs and aspirations are matched with available resources, appropriate organisational models, and governance structures. These spaces enable stakeholders to work synergistically and collaboratively toward thriving communities and a vibrant local democracy.

At the end of this presentation, you will find some examples of such spaces that are emerging in different cities across Europe, which could serve as inspiration for your local initiatives.

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Small Group Workshops (1)

METHODS FOR PARTICIPATION

Objective:

- Receive input or feedback
- Increase knowledge and awareness around a certain topic
- Low-threshold involvement

Outcome:

- Low-threshold involvement even around complex issues
- Rich insights into participants hopes, concerns, aspirations, opinions
- Quality discussions between participants - they receive the opportunity to hear different opinions and perspectives as well as gain new insights.
- Increased awareness and understanding of participants on the content of the workshop, also of complex issues

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Engagement Building Blocks

TOOL

The Engagement Building Blocks is a learning tool that can help individuals, teams, organisations and networks to design participatory processes that respond to their specific needs and local context.

The tool consists of four card decks:

- The first two (goals and context) are the **analytical phase**. Here the focus is on which challenge the engagement should respond to and the constraints and opportunities in the specific context.
- The last two decks (design choices and methods) are the **visioning phase**. This phase looks at the choices for building the engagement process.

More Information on the [NZZ Portal](#)

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

Figure 4 Tailored Support - Format: Peer-to-peer, Learning Session, Ongoing coaching to the city of Antwerp



3 Citizen engagement and systemic innovation

Citizen and stakeholder engagement is a critical lever for the success of the EU Cities Mission as a whole. The transformation towards climate-neutral and sustainable cities by 2030 cannot be delivered only through top-down governance or technological innovation; it requires the active participation, trust and commitment of citizens at every level. This is clearly reflected in the European Commission's [Mission evaluation communication published of July 2023](#), which highlights citizen engagement as both a core value and an area in need of further strengthening. Although early results demonstrated strong participation and public support, the Commission acknowledges that more needs to be done to turn this initial momentum into lasting engagement and meaningful impact.

In this context, the Mission approach - by design - embraces a more collaborative, cross-sectoral way of working, fostering processes that engage multi-level and diverse stakeholders in both policy and implementation. In particular, the Cities Mission and NZC (being currently the platform implementing the Mission) have shown the potential of bottom-up initiatives to drive action at the local level, encouraging horizontal collaboration across city departments and providing spaces for citizens and stakeholders to shape the urban transformation agenda.

However, as noted by city representatives, NZC specialists and CAs, through interviews and workshops conducted under NZC, more needs to be done to deepen citizen participation, particularly to make engagement more accessible, inclusive, and meaningful. This includes adapting communication strategies to use simpler, relatable language (e.g. shifting from abstract terms like “climate neutrality” to everyday concepts like “green,” “healthy” or “liveable cities”) and establishing tangible connection points such as local Mission offices. Furthermore, the importance of embedding citizen engagement within a broader portfolio-based approach is crucial, not only to diversify funding sources beyond Horizon Europe but also to provide greater clarity, local legitimacy and stronger investment signals, including to private financiers.

Data from the Notion database used to document city support requests under Theme 2 – City Support highlights the strong interest of cities in citizen participation. Requests for direct support on participatory processes rank among the most frequent, indicating that cities value guidance and practical assistance in this area. These insights reinforce the importance of mobilising NZC's expertise to provide tailored, actionable support, ensuring that cities can translate engagement tools and methods into meaningful on-the-ground impact.

Additionally, the mission-oriented innovation policy (MOIP) underpinning NZC acknowledges that societal transformation requires citizens to be active contributors, and not passive recipients, in the design, implementation and scaling of solutions. Their engagement is necessary to building societal ownership, ensuring acceptance of transformative change and enabling system-level innovations that go beyond individual technologies to reshape the future of our cities. Recognising that ambitious goals require more than fragmented strategies, NZC embraces integrated, cross-disciplinary support for cities. Expertise in innovative financing, citizen and stakeholder engagement, systemic innovation, technological solutions, and transformative governance is considered essential.

Since the start of the Mission, NZC has worked to embed citizen and stakeholder engagement across sectors as part of a systemic innovation approach. This effort was driven by a commitment to cohesive, cross-functional collaboration among consortium partners. To support this, the NZC Theme 2 (City Support), composed by service design work packages (WP6–10) and WP13, was instrumental during the initial phase. These WPs harnessed the consortium's diverse expertise and introduced innovative co-creation methods, notably through design sprints and recurring collaborative meetings. Co-led by Politecnico di Milano, Democratic Society, and Dark Matter Labs, the WP6–10 service design sprints brought together partners to co-create a holistic and integrated service offer for cities. This user-centred,



visual, and iterative methodology helped foster a shared culture and ensured that services responded to till-then-known cities' needs and experiences across their climate transition journeys.

These co-design processes also served to frame and position NZC citizen engagement tools, methods, and case examples within a broader system innovation perspective. This influenced key components, including the Climate City Contracts governance model (which embeds citizen engagement), the Climate Transition Map which is now centred on a just transition and the concept of the “activating the ecosystem of change” as a guiding framework for citizen and stakeholder engagement. While this foundational work concluded by Month 20 of the current Grant Agreement (May 2023), subsequent developments under new grant agreements allowed for further refinement and deployment of tools. However, this next phase saw less emphasis on the collaborative design methods used earlier. Although NZC Theme 2 was initially envisioned as the space for integration, co-designing sprints and efforts was not institutionalised as a continuous ongoing practice. As a result, the retrospective integration of WP8 outputs into new tools and processes has remained somehow limited.

Nonetheless, this presents a valuable opportunity for the future. Reinstating co-creative and cross-cutting design approaches in the next phases of platform development could enhance the coherence and usability of tools, while also ensuring that the principles of systemic innovation and citizen engagement remain embedded at the core of the Cities Mission and NZC.

3.1 Self-assessment: gaps and opportunities for systemic integration

As the Cities Mission progresses, it becomes increasingly evident that systemic innovation is a necessity to address the complex, cross-sectoral challenges of climate neutrality. While efforts have been made across work packages to develop resources, tools, and support mechanisms for cities, a recent feedback from the European Commission was that NZC tends to operate too much in silos, and that tools developed across WPs lack sufficient integration, and should have a stronger focus on transversal themes and systemic levers. Investing in this kind of collaborative and cross-cutting infrastructure is critical to fully realise the transformative potential of the EU Cities Mission and to support cities in navigating the complex challenges of climate neutrality with equity, legitimacy, and ambition.

In response to the Commission's feedback highlighting the need to improve the interconnection and alignment of tools and resources across WPs to better support cities, a collective reflection exercise was held on 20 May 2025 during a NZC Theme 2 meeting. The session aimed to assess how citizen and stakeholder engagement tools are currently being used within Theme 2, and to explore opportunities for improving their integration with activities across other WPs.

This reflection exercise serves as a self-assessment to surface learning, identify gaps, and generate practical recommendations, directly feeding into this chapter and contributing to a more coherent and connected analysis of how NZC supports cities in implementing meaningful citizen engagement across different domains.

The reflection exercise involved 11 participants from across Theme 2 work packages and was structured around a set of guiding questions aimed at exploring current use, relevance, and integration potential of citizen engagement tools. Using a collective Miro board, participants were invited to respond individually to the following questions:

1. Are you aware of the citizen engagement resources on the NZC portal, and how useful are they in practice?
2. What limits the use or impact of these tools in your context?
3. Do you know of other Theme 2 tools related to citizen engagement, and what blocks better integration?
4. What would help improve tool integration and citizen engagement across NZC?



The tools presented during the session included the [Engagement Building Blocks](#), [Civic Environment Mapping](#), [Spaces for Encounters](#), [Day-to-Day Lifecycle: Infrastructuring Democracy](#), and the [Systems Innovation Toolkit](#).

3.1.1 Key insights

1. Awareness and effectiveness of Citizen Engagement resources

Participants were generally aware of the citizen engagement resources available on the NZC portal and recognised their potential to support cities in implementing participatory approaches.

Several CAs observed that, while tools were introduced early in the Mission (e.g. during summer schools), cities sometimes found it challenging to connect them with their current needs, particularly during the implementation phase. The tools are often seen as designed for entry-level users, while more experienced cities expressed interest in sector-specific guidance, real-world examples, and opportunities for peer exchange and areas where additional support could enhance practical application.

Furthermore, cities, when presented the tools, often requested case studies and best practices to understand how the tools have been applied in real-world contexts. They value actionable insights and tailored support and tend to rely on CAs and specialists to guide them toward the most relevant tools, reflecting the practical realities of time, capacity, and clarity constraints they're facing. This highlights the importance of complementing the portal's resources with structured guidance and facilitation.

These observations are also further supported by data from the Notion database documenting city needs for support across Theme 2 - City support. As citizen participation emerges as one of the most frequently requested areas for direct support, demonstrating strong city interest in strengthening participatory approaches and underscoring the importance of helping cities move forwards in this area through engagement tools tailored to their needs and local context.

2. Limits to the use or impact of Citizen Engagement resources

Several factors shape how cities engage with and benefit from the citizen engagement tools. Many of the resources are particularly well-suited for cities at the beginning of their journey, offering strong foundational guidance. At the same time, experienced cities expressed interest in building on this foundation with more advanced and sector-specific tools, highlighting an opportunity to further enrich the portal's offer.

Awareness and familiarity with how to apply the tools in practice also play an important role. Some cities feel confident in their existing stakeholder engagement approaches and therefore see less need for external tools, while others would welcome more tailored guidance to align resources with their local context.

Given time and capacity constraints, cities tend to engage most effectively with the portal when supported by CAs or Specialists who can highlight and contextualize the most relevant materials. In this way, the tools become more actionable and easier to integrate into ongoing work. To properly activate the Citizen Engagement Resources, it is evident that hands-on walkthroughs would be especially valuable, given cities' preference for guided support. Even a small set of walkthroughs focusing on the top five to ten most requested tools would already begin to provide the kind of practical support cities are looking for.

Overall, the tools are most impactful when paired with facilitation. These dynamic highlights the strength of Theme 2's support model: rather than relying solely on the resources, CAs and Specialists help cities



connect the right tools to the right moment in their CE journey, ensuring more relevant and meaningful outcomes.

3. Theme 2 tools related to Citizen Engagement and barriers to integration

When asked about other Theme 2 tools related to citizen engagement, some participants mentioned resources such as the Social Innovation Actionable Pathways, Social Innovation Toolkit, and Social Innovation Case Studies. Others, however, were less familiar with additional tools or unsure if certain activities they were working on, like the Climate Narratives Interactive, should be considered as tools.

A key barrier to better integration is that most resources are designed primarily for direct use by cities rather than for consortium members to incorporate into their work. This suggested that more internal capacity-building efforts could have improved the effective use and integration of these tools across the NZC Consortium.

Altogether the City Support Model tends to rely more on people and direct support rather than tools, which also limits broader tool integration within Theme 2.

4. Enhancing Citizen Engagement tool integration across Theme 2 (City Support)

During this reflexive exercise, the following recommendations emerged to strengthen the integration of tools and improve citizen engagement throughout Theme 2:

- Map and develop case studies from Mission Cities that have actively used the tools, providing practical examples and guidance for other cities, in order to make these tools more relatable and actionable.
- Integrate and continuously update tools with real case experiences drawn from other support streams, such as the CESF's stakeholder engagement activities, to enrich the resources and avoid duplication. And position NZC's stakeholder engagement efforts as complementary to those of local organizations working with cities on the ground, supporting and accelerating their initiatives rather than competing with them.
- Include diverse case studies demonstrating how the same tool can be adapted to different contexts and needs, helping cities understand flexible applications tailored to their unique circumstances.
- Offer seasonal schools or workshops that present the tools in practical contexts, even when the main topic is not citizen or stakeholder engagement, to raise awareness and familiarity among participants.
- Provide targeted training for CAs on tool usage, equipping them to facilitate workshops with cities more effectively.
- Standardise tools and develop supplementary guidelines to assist community organizations and associations in tailoring the tools to their specific contexts.
- Focus thematic training sessions, such as summer schools centered on specific topics, to make the tools feel more relevant and easier to apply; this approach requires additional development of theme-specific case examples.
- Invest in internal capacity-building initiatives, such as webinar series, to improve tool adoption and integration within the consortium. While there was interest in organizing these before project end, time constraints presented challenges.
- Broaden the sharing of tools within DWGs and city support activities where relevant requests arise.
- Ensure CAs are well-informed about available tools so they can proactively share them with cities.
- Shift emphasis from promoting tools solely to cities toward enhancing internal consortium capacity to use these tools effectively, for example through webinars.



Together, these recommendations emphasize the importance of linking tools with practical examples, supporting users through training, and fostering a collaborative, integrated approach across NZC to better support cities in their citizen engagement efforts.

Although there is interest in coordinating such sessions before the project's conclusion, time constraints have posed challenges to organizing them. However, this process has inspired Theme 2 to consider conducting similar reflective exercises across other WPs in the future.

3.2 City case studies

To ground these theoretical insights in practice, the following real cases from NZC work with cities demonstrate how citizen and stakeholder engagement, when placed at the heart of climate transition efforts, can significantly accelerate progress and add long-term value. These examples illustrate why adopting an integrative, systems-thinking approach is not just desirable but essential as they unlock new pathways for decision-making legitimacy, collaboration, and innovation. The stories below reveal how co-creation and inclusive processes are enhancing cities outcomes and building the civic capacity and trust necessary to sustain such ambition over time.

Creation of climate neutral zones through urban planning interventions: collaboration between the municipality of Ioannina and the Technical Chamber of Greece, by creating working groups with engineers, municipal staff, citizens and private actors

City	Ioannina, Greece
What	The city launched a climate action initiative aiming for 80% emissions reduction by 2030, aligning with the EU Mission for 100 Climate-Neutral and Smart Cities.
Why Citizen engagement	To gain local support, build trust, and ensure the effectiveness of tailored, zone-based strategies by involving citizens, stakeholders, and academic partners in planning and implementation.
Best Practices/Drivers	Strong political commitment to climate goals; availability of national and EU funding; engagement of academic institutions to enhance policy acceptance; zoning approach enabling tailored interventions; existing institutional trust and supportive policies; transparent planning and co-created knowledge fostering participation.
Challenges	Initial reluctance to approve project budget; need for greater stakeholder engagement, including universities and urban planning entities; limited support from public transport authorities; difficulty in maintaining citizen buy-in over time.
Link to the case study	https://netzerocities.app/resource-4333

Table 2 Case Study: Ioannina, Greece

Grenoble’s Citizen Convention for Climate: bringing together 100 residents, via a lottery process, to develop proposals to reduce emissions by 2030 and achieve carbon neutrality by 2050

City	Grenoble Alpes Métropole, France
What	The metropolitan area organized a Citizen Convention for Climate in 2022 involving 100



	randomly selected residents to co-develop proposals for reducing emissions by 2030 and achieving carbon neutrality by 2050.
Why Citizen engagement	To strengthen legitimacy and public support for climate action, build on a tradition of civic participation, and co-create a pathway towards carbon neutrality through inclusive, deliberative processes.
Best Practices/Drivers	Strong tradition of citizen engagement; political will from the metropolitan leadership; financial support from the French Agency for Ecological Transition (ADEME); multi-stakeholder involvement including experts and NGOs; integration with broader city initiatives like the European Green Capital Award; structured deliberation process enhancing legitimacy and awareness.
Challenges	Inadequate planning for internal coordination and departmental workload; high financial costs due to participant support and operational logistics; limited integration between mitigation and adaptation planning; governance issues in aligning citizen proposals with administrative feasibility; need for more flexible and resource-efficient engagement formats.
Link to the case study	https://netzerocities.app/resource-4323

Table 3 Case Study: Grenoble Alpes Métropole, France

Urban Lab Rzeszów: a collaborative platform for citizens, city officials, NGOs, research institutions, and social councils to develop climate action projects

City	Rzeszów, Poland
What	The city established Urban Lab Rzeszów, a collaborative innovation centre and city department, to co-develop climate and urban solutions by engaging citizens and stakeholders.
Why Citizen engagement	To foster bottom-up initiatives, enhance stakeholder cooperation, and support the city's ambitious goal of reducing emissions by over 80% by 2030 through inclusive, co-created solutions.
Best Practices/Drivers	Strong political and financial support from the Mayor and national ministry; expert input from urban development institutions; active stakeholder engagement across sectors; open and accessible space for all residents; strategic city-centre location boosting visibility and participation.
Challenges	Securing financial and human resources post-pilot phase; maintaining long-term engagement amidst external risks and potential participatory fatigue; expanding and diversifying thematic



	focus and expert involvement; difficulty in evaluating and monitoring project impact systematically.
Link to the case study	https://netzerocities.app/resource-4315

Table 4 Case Study: Rzeszów, Poland

Tartu's Climate Assembly: bringing 55 residents over two weekends to develop recommendations on improving sustainable mobility, reducing emissions and noise, creating greener spaces

City	Tartu, Estonia
What	The city held its first Climate Assembly in 2022, gathering 55 residents to co-develop recommendations on sustainable mobility, emissions reduction, and greener urban spaces in support of its 2030 climate neutrality target.
Why Citizen engagement	To incorporate lived experience into policy-making, improve public legitimacy and acceptance of climate measures, and ensure more inclusive and effective planning through collaborative deliberation.
Best Practices/Drivers	Internal alignment across city departments prior to engagement; external support from expert facilitators; history of digital citizen participation; thoughtful communication approach fostering inclusiveness and retention; diverse representation and respectful dialogue encouraged sustained involvement.
Challenges	Scope of proposals exceeded departmental remit; cultural hesitancy around public participation; difficulty attracting broader public without known local figures; need for ongoing communication about implementation outcomes; managing expectations while maintaining motivation and trust.
Link to the case study	https://netzerocities.app/resource-4306

Table 5 Case Study: Tartu, Estonia

Partnership between the City of Valladolid, Real Valladolid, and AUVASA (the city's public transport company): developing an awareness campaign to encourage fans to use soft mobility and public transport on game days

City	Valladolid, Spain
What	The city partnered with local football club Real Valladolid to lead public climate engagement campaigns, promote sustainable mobility, and mobilise residents around its 2030 climate neutrality goal.
Why Citizen engagement	To use sport and popular culture to raise awareness, build trust, and encourage behavioural change through visible, accessible, and entertaining public initiatives linked to



	everyday activities like commuting and sports events.
Best Practices/Drivers	Strong collaboration with Real Valladolid leveraging its broad public reach; integration of climate messaging into match-day experiences; strategic use of public transport incentives (BIKI bike pilot, additional bus services); emotional and cultural resonance through team mascot and fan-based campaigns; visible commitment by local personalities; joint technical teams for implementation; transparency through public sustainability reporting.
Challenges	Not explicitly stated, but implied challenges include maintaining momentum beyond sporting events, scaling engagement across different demographics, and ensuring long-term behavioural change and policy impact from awareness-driven activities.
Link to the case study	https://netzerocities.app/resource-4284

Table 6 Case Study: Valladolid, Spain

Participatory budgeting in Dubrovnik: giving citizens a platform to propose and vote on projects to improve the liveability and sustainability of their neighbourhoods

City	Dubrovnik, Croatia
What	Since 2018, the city has implemented participatory budgeting, allowing residents—including schoolchildren—to propose, vote on, and influence the funding of local projects aimed at community development and sustainability.
Why Citizen engagement	To foster civic participation, improve transparency in public spending, and align resource allocation with the actual needs of residents while promoting environmental sustainability and democratic governance.
Best Practices/Drivers	Inclusive framework involving adults and youth; use of both in-person meetings and digital tools to broaden participation; transparent project vetting and public communication; integration of environmental objectives in funded projects; increased civic education through school participation.
Challenges	Initial public scepticism; difficulty reaching marginalized and less vocal groups; limited outreach resources; administrative delays affecting project implementation.
Link to the case study	https://netzerocities.app/resource-4282

Table 7 Case Study: Dubrovnik, Croatia



4 Learning and gaps

In collaboration with the DWG on Citizen Engagement, eight interviews were conducted between November 2024 and January 2025 with CA's, CSO's, and city representatives. The aim was to identify gaps and opportunities within the NZC CE offer. These interviews provided valuable insights into the current use and perception of existing resources, tools, and services. The outcomes were instrumental to provide suggestions to improve NetZeroCities' CE offer, both on the technical and operational aspects of the tools (see D8.7 Service model for citizen and stakeholder participation), both on the more strategic and systemic integration, as outlined in this deliverable.

Challenges and topics of interest in relation to citizen engagement: Interviewees expressed a range of evolving needs around citizen engagement, reflecting both strategic and operational concerns. A recurring theme was the challenge of translating individual actions into contributions towards a broader goal, using insights from behavioural change. Several interviewees noted the importance of narrative framing, such as how to frame the purpose of the CCC and clearly articulate the role of citizens in contributing to the implementation of the goals of the CCC (thus, climate action can be understood as a co-benefit to engaging and involving citizens).

The long-term sustainability of engagement efforts also emerged as a concern, especially maintaining momentum over time and keeping citizens and other stakeholders actively involved, and ensuring that participation feels meaningful to stakeholders (*"how to make the engagement meaningful...[people] start losing interest if nothing tangible comes out of it"*). Climate assemblies and the integration of CE into just transition planning were also mentioned as areas of growing interest.

Usage of CE resources on the portal: Interviewees described the portal as a rich repository of resources, noting that its breadth ensures that a wide range of tools and materials are available. At the same time, the large volume of content can make it challenging for users to quickly identify the most relevant materials for their specific needs. This highlights the opportunity to strengthen navigation and tailoring features, ensuring cities can more easily locate the resources that best match their stage of progress. For example, some respondents observed that while the portal offers excellent foundational resources, cities with higher CE experience would benefit from more in-depth or advanced tools.

This shapes how CAs engage with the portal in their work. Rather than directing cities to explore the full set of resources themselves, many CAs emphasized their role as facilitators to match each city's context and needs. As one interviewee noted, "Resources in the portal have a lot of information. Cities benefit more when we can extract the main concepts and guide them through." In this sense, the portal is seen as a strong knowledge base that CAs and other experts can use to filter, tailor and share relevant insights.

CAs who were more familiar with specific tools tended to share those they understood deeply and felt confident explaining, ensuring that cities received support that was both practical and actionable. Others highlighted the importance of complementing portal resources with direct support from experts or CSGs, particularly when cities required more tailored guidance. One CA reflected that this approach helped ensure cities received targeted expertise at the right moment, while another observed that "cities preferred more personalized support directly from the CA."

Overall, few respondents referred to specific tools during the interviews, but this may be explained by the fact that interviewees were not familiar with the specific names of the tools. An exception was the stakeholder mapping canvas, which one specialist reported using successfully with several cities and described as particularly valuable.



Effective resource formats: Across the interviews, respondents emphasised a preference for resource formats that are practical and easy to integrate into existing processes and workflows. In particular, interviewees highlighted the usefulness of case studies, especially when they are detailed and specific, as providing real-world examples and being useful to show how other cities approach similar challenges (*“concrete examples from similar cities are helpful. If they’re too general, they’re hard to apply”*).

Interactive learning formats, such as peer-to-peer exchanges, were considered very beneficial to share real-world situations and challenges (*“direct exchange with peers is always the most valuable”*).

Need for resource reorganisation and human support: A key message across the interviews was that cities and advisors do not necessarily need new resources, but rather improved accessibility, clarity, and guidance around the existing ones. Many respondents emphasised the need to reorganise resources and provided several suggestions: linking resources to the stages of the city journey or types of problems; creating a list of key resources (videos, case studies, documents) for cities to have. The thematic pages already provide a much better overview to find resources.

Resources should be combined with human support to facilitate their use and ensure effective uptake and application. This is not always the CA, it could also be a CSO or a specialist from the DWG (*“The materials are there, but I don’t always know how to use them”*; *“canvases are useful, but I need an expert to support”*).

Value of specialist support: Several interviewees reflected positively on moments when specialist support was most effective. One noted, *“in general I found specialist support has worked well when there is a clear need identified from a city,”* while another highlighted that it *“works well when the specialist takes on the role side by side with the CA.”*

Regarding needs around citizen engagement: Interviewees expressed a strong need for more practical and facilitative resources to support their citizen engagement efforts. Several interviewees specifically requested *“support on workshops”* and *“facilitation tools or templates we can use, not just reports.”*

Interviewees also pointed to the value of learning from real-world examples, emphasising that *“existing pilot projects on CE in cities need to be systematized and documented to create a repository of best practices... concrete cases explaining the methodology implemented when CE processes have been implemented (including challenges faced and what worked).”* This call for practical knowledge sharing was echoed in a related suggestion to *“develop more detailed and practical case studies of the cities’ learnings to other cities, with process descriptions and challenges.”*

Respondents highlighted the value of peer learning and interactive knowledge-sharing formats. One respondent noted that *“peer-to-peer sessions are what cities need”*, suggesting that the portal could facilitate access to recordings of these sessions to extend their impact.

Several interviewees identified the need for deeper content related to behavioural change and systemic engagement approaches. One advisor pointed out that both ecosystem and collaborative logic are often lacking within transition teams. They added that the general *“level of knowledge of CE is very low,”* underscoring the need for more foundational guidance in this area.

Potential use of AI: Views on AI were mixed. Interviewees who were favourable indicated that AI could be useful, such as to develop *“a streamlined process to submit queries and receive relevant resources would be beneficial,”* *“a chatbot fed with CE resources,”* or to *“filter information based on the criteria of the user.”* Interviewees who are not as favourable to AI suggested to prioritise *“specific/bespoke/tailored support”* over *“AI and learning journeys.”*

Language barriers were also raised. One respondent emphasised that *“having resources in local languages can significantly enhance accessibility and relevance for cities.”* AI could potentially assist in translating materials more efficiently to meet this need.

Overall, the interviews highlight that while the NZC citizen engagement offer includes a wide range of tools and resources, their value is contingent on accessibility, contextual relevance, and human support.



Interviewees emphasized the need for more intuitive navigation, practical formats, expert facilitation of the resources.

5 NZC resources screening

5.1 NZC resources screening objectives

The NZC resources screening builds upon the broader analysis of NZC support mechanisms outlined in earlier chapters of this report. As established in section 2, NZC offers a comprehensive package of tools, guidance and support services to empower Mission Cities in implementing inclusive, effective citizen and stakeholder engagement strategies. However, section 4 highlighted several recurring challenges with resource usability, including low portal engagement, overwhelming volume and limited contextual relevance for advanced cities.

In response, this screening effort was launched to review and streamline the CE resources currently available on the NZC portal. The objective was to systematically assess the relevance, clarity, functionality and contextual applicability of existing materials to provide a set of recommendations to ensure that these resources are clear, practically useful and well-aligned with city needs at various transition stages.

Based on this assessment, the screening aimed to identify:

- Top NZC resources: high-quality, high-utility resources to be prioritised and promoted;
- Useful NZC resources: they are generally clear, relevant and usable with little or no adjustment;
- Resources requiring improvement or adaptation;
- Resources that are outdated, inaccessible, redundant or misaligned with user needs and may be removed.

5.2 NZC resources screening methodology

The screening followed a structured methodology:

1. **Creation of a resource inventory:** A comprehensive list of all Citizen Engagement-related resources currently available on the NZC Portal was compiled. Each entry was catalogued with metadata including resource type, title, format, intended audience and associated thematic category.
2. **Development of review criteria:** In collaboration with the DWG on Citizen Engagement, a standardised set of screening criteria and principles was defined. These included:
 - Utility: resources should support cities in real-world application. Materials that are too generic, poorly explained or lack actionable guidance were considered less useful.
 - Clarity: resources must be easy to understand, well-structured and self-explanatory where possible.
 - Relevance: materials should align with NZC objectives and reflect the needs of cities at different stages of the climate transition process.



- Accessibility: resources should be technically functional and appropriate in terms of length and format.
3. **Independent review and classification:** Each resource was independently reviewed by at least one member of the screening team using a shared evaluation spreadsheet. Based on their assessment, reviewers assigned one of the following proposed classifications:
 - **Top NetZeroCities Resource:** High-quality, clear, and practically useful resources.
 - **Useful resources:** Resources that are generally clear, relevant and usable with little or no adjustment.
 - **Resources requiring adaptation:** Resources with potential, but requiring revisions (e.g. clearer instructions, contextual notes, or combination with other tools).
 - **Resources to be removed:** Outdated, broken, redundant or low-value materials.
 4. **Peer Validation:** Resources flagged for removal or adaptation underwent a second review to ensure quality assurance and minimise subjectivity. Final recommendations were validated in collaboration with the DWG on Citizen Engagement.

5.3 NZC Resources screening results and findings

The screening of 220 citizen engagement resources on the NetZeroCities Portal provides a clear, evidence-based snapshot of the current strengths and gaps in the collection. Each resource was classified into one of four categories, with the following results:

- **12 top NZC resources:** These resources are strategically relevant, clearly presented and immediately usable tools. They exemplify best practices in terms of content quality, applicability and alignment with the Mission Cities' needs. These resources should be prioritised for broader promotion and integration into guidance materials.
- **113 useful resources:** These resources are generally clear, relevant and usable with little or no adjustment. Their continued presence adds strong value for cities looking to explore citizen engagement tools and strategies. However, some may still benefit from modest, formatting or improved discoverability through tagging and categorisation.
- **68 resources needing adaptation:** These entries demonstrate strong potential but fall short in terms of clarity, contextual guidance or accessibility. Common issues include lack of examples, unclear steps or audience targeting. Adaptation could involve adding explanatory introductions, improving formatting, providing use-case examples.
- **27 resources to be removed:** These were identified as outdated, redundant, broken, or misaligned with current cities' needs. Their removal is recommended to streamline the portal, reduce user confusion and eliminate distractions from higher-value content.



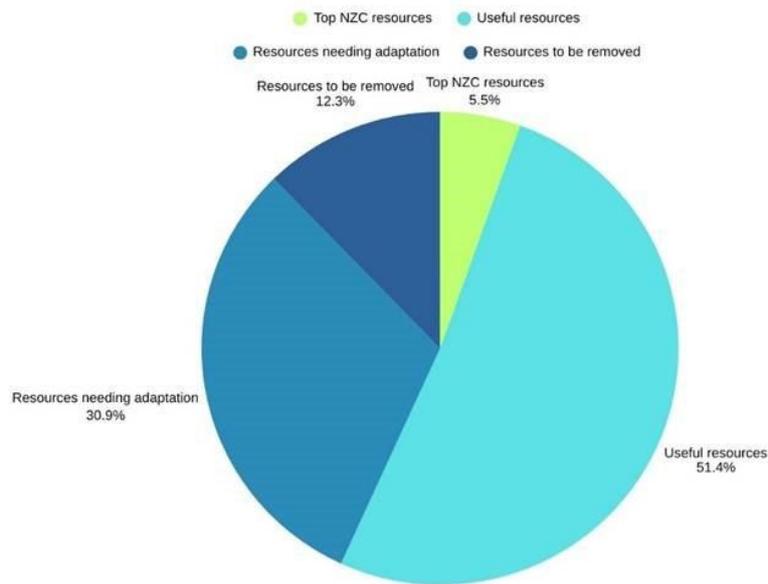


Figure 5 Overview of the NZC Screening Resources Results

The resource screening highlights a strong baseline of valuable content within the citizen engagement resources available on the NZC Portal and points to clear opportunities for targeted improvement.

With over half of the resources (57%) identified as either top or immediately useful, the analysis confirms that the NZC resource base is already solid for supporting cities on their citizen engagement processes.

At the same time, the 68 resources identified as needing adaptation should be seen as an opportunity. These materials often contain rich insights but require revisions, such as improved instructions, audience targeting or contextual examples to reach their full potential.

The small proportion of resources recommended for removal (12%) reinforces the importance of ongoing curation to ensure the NZC Portal remains streamlined and user-friendly. Removing outdated or duplicated materials will enhance navigation and help cities more easily identify the tools most relevant to their needs.

6 Recommendations

This chapter provides a comprehensive set of recommendations derived from cross-cutting insights from Mission Cities, NZC tools and support mechanisms, and the lessons learned identified from interviews with CAs and NZC specialists. The focus is on how NZC can improve its support for citizen engagement as an enabler of systemic and inclusive climate transitions.

6.1. Learnings from Mission Cities: insights from practice

- **A clear mandate and cross-departmental alignment are crucial for long-standing and meaningful citizen engagement processes:** establishing citizen engagement as a key institutional priority and aligning objectives across departments ensures consistency, avoids duplication, and strengthens the mandate for inclusive processes. Dedicated leadership, cross-departmental and organisational buy-in, and allocated resources are critical for embedding citizen engagement into the broader climate transition strategies.
- **Facilitation is key to ensure trust and legitimacy in the citizen engagement processes:** professional facilitation and well-structured processes are essential to create safe, inclusive spaces where diverse stakeholders feel empowered to contribute. Training staff, applying inclusive design principles, and building cultural sensitivity into process design can significantly broaden participation and improve the quality of outcomes.
- **Activate local anchors to expand reach and relevance:** partnerships with schools, libraries, sports clubs, community centres, and civil society organisations provide familiar entry points for engagement. These institutions are deeply embedded in communities and can serve as effective connectors with citizens. This approach ensures that climate messages are communicated through familiar and trusted channels, and that participation opportunities are inclusive and reflective of the city's diverse populations.
- **Institutionalise and scale-up citizen engagement for long-term impact:** while many cities are piloting valuable citizen engagement initiatives, there is a pressing need to move beyond isolated, short-term projects toward a more systemic and sustained approach. Embedding citizen engagement into long-term institutional frameworks can ensure that engagement becomes a core component of city governance rather than a temporary experiment.

6.2 Learnings from systemic innovation

- **Foster alignment across work packages through shared learning:** Systemic integration of citizen engagement tools requires collaboration across WPs. This includes enriching tools with insights from other support streams. Reflective sessions and transversal exchanges can help align citizen engagement approaches and build a more coherent offer for support to cities.



- **Invest in internal capacity-building to improve citizen engagement support:** Many tools were designed for cities to use directly, but their integration would benefit from stronger internal capability across the consortium. Training CAs and support teams on how to work with these tools in practice—through webinars, peer sessions, or structured guidance—would increase confidence and improve dissemination.
- **Refocus attention on strategic use of tools:** Strategic deployment by NetZeroCities support teams enhances the impact of tools. Proactive use, beyond simply sharing, ensures tools are applied at the most relevant points in a city's journey.
- **Develop advanced and adaptable tools to meet diverse city needs:** Cities approach citizen engagement with varying levels of experience and capacity. While some benefit from foundational guidance, others require more advanced, practice-oriented tools tailored to specific sectors or phases of the transition. Offering tools at different levels of complexity, including more advanced options for experienced cities, can better meet the diverse needs of users. At the same time, providing clear guidelines and adaptation tips enables local actors and city partners to tailor tools to their specific contexts. This combination strengthens local ownership and bridges the gap between tool design and real-world application.
- **Support tool integration through concrete, real-world examples:** Cities consistently ask for practical, context-specific examples to make tools more actionable. Mapping and sharing case studies of how tools have been applied in Mission cities can help others understand their use and adapt them to local needs. These examples should reflect diverse contexts and stages of the transition, to showcase flexible applications.
- **Combine tools with guided, hands-on support:** Citizen engagement resources are most effective when paired with expert guidance, interactive workshops, or advisory input. Cities benefit from seeing practical applications, learning from real-world case studies, and adapting tools to their local context. Combining resources with tailored support enables cities to implement engagement strategies more effectively.
- **Embed citizen engagement tools into broader city support work:** Tools are rarely used in isolation. Their relevance and impact increase when embedded in ongoing support processes. Presenting citizen engagement support alongside other thematic content helps demonstrate its value and lowers the barrier to implementation, especially when supported by practical exercises or local adaptation strategies.

6.3 Improving NZC resources offer on citizen engagement

- **Prioritise quality over quantity in CE resources offer:** With a significant number of high-quality tools in the portal, we need to support cities with clear decision trees and guidance on what to leverage and when. This could be delivered through regular assessments to sunset less-utilised tools. Regularly review and retire outdated or redundant content and provide contextual guidance to help users understand which tools are most relevant to their challenge or transition stage.
- **Tailor the resource search to match city needs and maturity:** Cities approach citizen engagement from very different starting points. Tailoring the way resources are organised and presented, based on different levels of CE maturity, such as entry-level, intermediate and advanced, can significantly improve relevance and uptake. Further enrich searches with metadata for resource type, topic and intended user type. This helps cities and advisors quickly navigate to the tools that best match their needs, capacity, and stage in the transition process.



- **Consider using AI to improve user navigation and accessibility on the NZC portal:** Embedding AI-powered features, such as a chatbot, can help users navigate the NZC portal more efficiently. A conversational interface, trained on the full NZC citizen engagement offer, could answer common questions, recommend tools based on user criteria, and guide users to tailored materials. This is particularly valuable for time-constrained users or those unfamiliar with specific terminology. AI can also support real-time translation or summarisation of resources, improving accessibility for non-English speakers and helping smaller or non-Mission cities engage with the content more easily.
- **Bridge human support with the strategic use of tools and resources:** while tools and resources are valuable, cities consistently emphasise that meaningful engagement happens when expert guidance is available to support their use. To truly unlock the potential of the NZC resource offer, this human support must be strategically connected to the tools available, grounded in an understanding of each city's specific needs and level of experience. The Domain Working Group on Citizen Engagement has proven to be a crucial bridge between tools and practice, by helping to assess what tools exist, identify gaps, and guide both City Advisors and Mission Cities toward the most relevant, context-appropriate resources. Strengthening this role is essential, not only to scale expert facilitation, but also to continuously refine the resource offer based on real-world application.

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7 Conclusion

The climate neutrality journey underway in Europe's Mission Cities is a dynamic, systemic transformation that demands new forms of governance, collaboration, and civic participation. This report has captured how NZC is helping cities in this transformation through a comprehensive and multi-layered citizen engagement support offer that integrates different range of tools, strategies and human guidance.

Cities are embarking on this journey from different starting points, with varying levels of experience, capacity, and institutional readiness. Despite this diversity, the examples featured throughout the report clearly demonstrate that inclusive, participatory approaches can enhance legitimacy, foster policy coherence, and empower communities to shape their own climate agenda. These cases highlight that when engagement is resourced, sustained, and embedded institutionally, it becomes a powerful driver of change.

NZC's CE support offer aligns well with these objectives. Its resources are designed to help cities embed citizen engagement into their climate transition strategies. However, interviews with City Advisors and citizen engagement specialists reveal that the value of these tools depends heavily on their accessibility, usability, and contextual relevance. Several city teams find the current structure of the NZC Portal overwhelming, with too many resources and limited guidance on how to navigate or prioritise them. This complexity creates a barrier to widespread adoption and limits the practical utility of the offer.

Yet, access to tools and resources is not enough. Cities repeatedly stressed the importance of human facilitation to contextualise resources, link tools to challenges, and bridge the knowledge-action gap. City Advisors and CE specialists are, therefore, central to the value proposition. They act as facilitators, helping cities navigate, adapt, and apply engagement tools in locally relevant ways. When tools are supported by human guidance, cities are more likely to experiment, adapt, and embed engagement practices over time.

The findings also highlight the importance of peer learning and collaborative knowledge exchange. Many cities learn best from one another through case studies, facilitated workshops, and direct conversations about what has worked, what hasn't, and why. Investing in peer learning opportunities is as important as refining the tools themselves.

As NZC continues to refine its offer, this report recommends a more curated, adaptive and human-centred approach to resource design and delivery. Key improvements include prioritising quality over quantity, enhancing clarity and navigation, tailoring tools to different levels of citizen engagement maturity, and combining digital solutions with targeted human facilitation. The role of the Domain Working Group on Citizen Engagement remains essential in this process, as a strategic advisor bridging tools and practice.

In conclusion, this learning report contributes to the evolving NZC support model by providing evidence-informed insights into what enables effective citizen engagement. It underscores that systemic innovation is only possible when engagement is understood not as an accessory, but as a fundamental process in the cities' climate neutrality journey. By supporting cities in embedding these practices, NZC can contribute to a wider shift toward participatory governance, capable of driving a just, inclusive and sustained transition to climate neutrality.



Annex: NZC Resources Screening overview

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
CASE STUDIES																			
UPPER Project Hackathon in Mannheim	https://netzerocities.app/resource-4457	Video	03/12/2024	03/12/2024	Published	Citizen participation, Governance and engagement, Local resource, Transport and mobility	Steriu Mircea	English	TRUE	Private sector engagement	69	62	FALSE		FALSE		FALSE	Unsure if useful	Page includes a high-level video, but with no written additional context on key learnings and how it could be applied to other cities
Local groups collaborate for climate neutral zones	https://netzerocities.app/resource-4333	Visual case studies	03/09/2024	03/09/2024	Published	Citizen participation, Governance and engagement, Building, Energy, Transport and mobility	Fernández Clàudia	English	TRUE	Stakeholder engagement	161	160	TRUE		TRUE	Yes	FALSE	Useful NZC CE Resource	
Grenoble Alpes Métropole's Citizen Convention for Climate	https://netzerocities.app/resource-4323	Visual case studies	27/08/2024	29/08/2024	Published	Awareness raising, Citizen participation, Governance and policy, Social innovation, Stakeholder engagement	Fernández Clàudia	English	TRUE	Citizens' assembly	151	139	TRUE		TRUE	Yes	FALSE	Adaptation needed (good to have)	Add links to external website/resources for readers who may want additional information
Rzeszów - Urban Innovation Lab	https://netzerocities.app/resource-4315	Visual case studies	14/08/2024	14/08/2024	Published	Citizen participation, Governance and innovation, Stakeholder engagement, Systems innovation, Climate resilience	Colclough Anthony	English	TRUE	Stakeholder engagement	141	138	TRUE		TRUE	Yes	FALSE	Useful NZC CE Resource	
Guimarães - One planet city	https://netzerocities.app/resource-4314	Visual case studies	14/08/2024	14/08/2024	Published	Citizen participation, Governance and engagement, Climate resilience, Energy	Colclough Anthony	English	TRUE	Measuring individual ecological footprint	138	131	TRUE		TRUE	Yes	FALSE	Unsure if useful	Add links to external website/resources for



Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			readers who may want additional information
Tartu Climate Assembly	https://netzerocities.app/resource-4306	Visual case studies	31/07/2024	31/07/2024	Published	Awareness raising,Citizen participation,Stakeholder engagement,Air quality,Climate resilience,Energy	Colclough Anthony	English	TRUE	Citizens' assembly	106	106	TRUE	https://netzerocities.app/resource-4305 https://netzerocities.app/resource-4304	TRUE		FALSE	Useful NZC Resource	
Tartu Climate Assembly	https://netzerocities.app/resource-4305	Visual case studies	31/07/2024	31/07/2024	Published	Awareness raising,Citizen participation,Stakeholder engagement,Air quality,Climate resilience,Energy	Colclough Anthony	English	FALSE	Citizens' assembly	117	117	FALSE	This is a duplicate of https://netzerocities.app/resource-4306	FALSE		FALSE	Remove Resource	Duplicate
Tartu Climate Assembly	https://netzerocities.app/resource-4304	Visual case studies	31/07/2024	31/07/2024	Published	Awareness raising,Citizen participation,Stakeholder engagement,Air quality,Climate resilience,Energy	Colclough Anthony	English	FALSE	Citizens' assembly	162	158	FALSE	This is a duplicate of https://netzerocities.app/resource-4306	FALSE		FALSE	Remove Resource	Duplicate

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
														rocities.app/resource-4306					
Kicking off a goal for sustainability in Valladolid	https://netzerocities.app/resource-4284	Visual case studies	10/07/2024	10/07/2024	Published	Awareness raising,Citizen participation,Stakeholder engagement	Garrido Lucia	English	TRUE	Engagement campaign	121	115	TRUE		TRUE	Yes	FALSE	Unsure if useful	Add links to external website/resources for readers who may want additional information
Participatory Budgeting: Local Voices in Resource Allocation	https://netzerocities.app/resource-4282	Visual case studies	08/07/2024	08/07/2024	Published	Awareness raising,Citizen participation,Education,Finance,Funding,Stakeholder engagement,Tourism,Climate resilience,Green areas,Health,Local resource,Building,Technology,Transport and mobility	Maruševec Tena	English	TRUE	Participatory budgeting	158	155	TRUE		FALSE	Yes	FALSE	Adaptation needed (good to have)	Add link to webinar recording that presents this case study: https://netzerocities.app/resource-4475
Espoo waste heat from data centres	https://netzerocities.app/resource-4279	Visual case studies	03/07/2024	03/07/2024	Published	Stakeholder engagement,Energy	Colclough Anthony	English	TRUE	Stakeholder engagement, energy	228	221	TRUE		TRUE	Yes	FALSE	Useful NZC CE Resource	
Ghent: towards climate neutrality - NEUTRAL PATH city profile	https://netzerocities.app/resource-4252	Case studies	18/06/2024	18/06/2024	Published	Stakeholder engagement,Building,Transport and mobility	Laird Craig	English	TRUE	Positive Energy District	205	199	TRUE		TRUE	Yes, as part of a collection on PEDs	FALSE	Adaptation needed (good to have)	Add hyperlinks to relevant website/additional resources; add short text contextualizing the project and explaining key

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			lessons/how it could be replicated to other cities
Zaragoza: towards climate neutrality - NEUTRAL PATH city profile	https://netzerocities.app/resource-4251	Case studies	18/06/2024	18/06/2024	Published	Citizen participation, Governance and policy, Stakeholder engagement, Air quality, Building, Technology	Laird Craig	English	TRUE	Positive Energy District	184	173	TRUE		TRUE	Yes, as part of a collection on PEDs	FALSE	Adaptation needed (good to have)	Add hyperlinks to relevant website/additional resources; add short text contextualizing the project and explaining key lessons/how it could be replicated to other cities
Istanbul: towards climate neutrality - NEUTRAL PATH city profile	https://netzerocities.app/resource-4253	Case studies	18/06/2024	18/06/2024	Published	Stakeholder engagement, Building, Transport and mobility	Laird Craig	English	TRUE	Positive Energy District	231	224	TRUE		TRUE	Yes, as part of a collection on PEDs	FALSE	Adaptation needed (good to have)	Add hyperlinks to relevant website/additional resources; add short text contextualizing the project and explaining key lessons/how it could be replicated to other cities
Dresden: towards climate neutrality -	https://netzerocities.app/resource-4254	Case studies	18/06/2024	18/06/2024	Published	Stakeholder engagement, Building, Transport and mobility	Laird Craig	English	TRUE	Positive Energy District	209	202	TRUE		TRUE	Yes, as part of a collection	FALSE	Adaptation needed (good	Add hyperlinks to relevant website/additional

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
NEUTRAL PATH city profile																on on PEDs		to have)	ressources; add short text contextualizing the project and explaining key lessons/how it could be replicated to other cities
Decarbonising apartment buildings in Helsinki	https://netzerocities.app/resource-4239	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	TRUE	Energy	231	224	TRUE		TRUE	Yes, as part of a collection on energy	FALSE	Adaptation needed (good to have)	Add hyperlinks to relevant website/additional resources
Renovation of public and private buildings, Brussels	https://netzerocities.app/resource-4238	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	TRUE	Energy	203	196	TRUE		FALSE	Yes, as part of a collection on energy	FALSE	Adaptation needed (good to have)	Add hyperlinks to relevant website/additional resources. The "know more" link directs to the NZC homepage.
Renovation of public and private buildings, Brussels	https://netzerocities.app/resource-4237	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	FALSE		126	126	FALSE	Duplicate of https://netzerocities.app/resource-case-study-4238	FALSE		FALSE	Remove Resource	Duplicate

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Renovation of public and private buildings, Brussels	https://netzerocities.app/resource-4236	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	FALSE		143	143	FALSE	Duplicate of https://netzerocities.app/resource-4238	FALSE		FALSE	Remove Resource	Duplicate
Renovation of public and private buildings, Brussels	https://netzerocities.app/resource-4235	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	FALSE		107	105	FALSE	Duplicate of https://netzerocities.app/resource-4238	FALSE		FALSE	Remove Resource	Duplicate
Renovation of public and private buildings, Brussels	https://netzerocities.app/resource-4234	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	FALSE		120	120	FALSE	Duplicate of https://netzerocities.app/resource-4238	FALSE		FALSE	Remove Resource	Duplicate
Renovation of public and private buildings, Brussels	https://netzerocities.app/resource-4233	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	FALSE		131	130	FALSE	Duplicate of https://netzerocities.app/resource-4238	FALSE		FALSE	Remove Resource	Duplicate

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
														casestudy-4238					
Renovation of public and private buildings, Brussels	https://netzerocities.app/resource-4232	Visual case studies	04/06/2024	04/06/2024	Published	Awareness raising,Stakeholder engagement,Climate resilience,Building,Energy	Colclough Anthony	English	FALSE		143	137	FALSE	Duplicate of https://netzerocities.app/resource-casestudy-4238	FALSE		FALSE	Remove Resource	Duplicate
Citizens' Climate Assembly in Barcelona	https://netzerocities.app/resource-4225	Visual case studies	27/05/2024	25/07/2024	Published	Awareness raising,Citizen participation,Social innovation,Stakeholder engagement,Systems innovation	Martínez Beatriz	English	TRUE	Citizens' assembly	310	272	TRUE		TRUE		FALSE	Adaptation needed (good to have)	Add link to webinar recording that presents this case study: https://netzerocities.app/resource-4475
Florianopolis, Brazil	https://netzerocities.app/resource-3842	Method	31/08/2023	20/12/2023	Published	Funding,Governance and policy,Social innovation,Stakeholder engagement,Analytics and modelling	Fatima Zarrin	English	TRUE	Mapping social innovation ecosystems	1261	826	TRUE		FALSE	Yes, as part of other resources	TRUE	Adaptation needed (must have)	Reformat into visual case study. Add additional context on how the method was used in Florianopolis and what outcomes this led to.
Five Configurations for Scaling Up Social	https://netzerocities.app/resource-3832	Method	31/08/2023	31/08/2023	Published	Culture,Social innovation,Stakeholder engagement	Fatima Zarrin	English	TRUE	Organisational conditions for systems change	579	367	FALSE		FALSE		TRUE	Unsure if useful	Resource is very academic/theory-oriented. Would need

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Innovation: Case Examples of Nonprofit Organizations From Canada																			to include concrete examples. Suggestion to either update, or remove, the resource.
Osterund: Green bonds to finance the green transition in energy-efficient housing - Covenant of Mayors Europe	https://netzerocities.app/resource-3207	Case studies	27/02/2023	27/02/2023	Published	Finance,Stakeholder engagement,Building,Energy	Gonzalez Piloyan	English	TRUE	Finance	484	248	TRUE		TRUE	Yes, as part of additional resources on finance	FALSE	Unsure if useful	This resource would make more sense in a collection on finance. There is no additional context beyond sharing the case study which was developed by Covenant of Mayors - Europe. An introduction/additional context on how this could apply to other cities/how this relates to NZC would be welcome.

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
FEBUS, a success story of fuel cell buses deployment - Covenant of Mayors Europe	https://netzerocities.app/resource-3190	Case studies	23/02/2023	27/02/2023	Published	Finance,Stakeholder engagement,Energy,Industry,Technology,Transport and mobility	Gonzalez Piloyan	English	TRUE	Mobility	429	214	TRUE		TRUE	Yes, as part of additional resources on mobility	FALSE	Unsure if useful	This resource would make more sense in a collection on mobility. There is no additional context beyond sharing the case study which was developed by Covenant of Mayors - Europe. An introduction/additional context on how this could apply to other cities/how this relates to NZC would be welcome.
RenoBooster, triggering a building renovation wave in Vienna - Covenant of Mayors Europe	https://netzerocities.app/resource-3193	Document	23/02/2023	23/02/2023	Published	Awareness raising,Citizen participation,Finance,Stakeholder engagement,Building,Energy	Gonzalez Piloyan	English	TRUE	Energy renovation	657	366	TRUE		TRUE	Yes, as part of additional resources on energy renovation	FALSE	Unsure if useful	This resource would make more sense in a collection on energy renovation. There is no additional context beyond sharing the case study which was developed by Covenant of

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			Mayors - Europe. An introduction/additional context on how this could apply to other cities/how this relates to NZC would be welcome.
A participatory adaptation project to strengthen water management resilience - Covenant of Mayors Europe	https://netzerocities.app/resource-3192	Document	23/02/2023	23/02/2023	Published	Awareness raising, Finance, Social innovation, Stakeholder engagement	Gonzalez Piloyan	English	TRUE	Flood risk	545	295	TRUE		TRUE	Yes, as part of additional resources or with expert support	FALSE	Unsure if useful	There is no additional context beyond sharing the case study which was developed by Covenant of Mayors - Europe. An introduction/additional context on how this could apply to other cities/how this relates to NZC would be welcome.
Local Climate Pacts: the region of Flanders as an inspiration for	https://netzerocities.app/resource-3191	Document	23/02/2023	23/02/2023	Published	Awareness raising, Citizen participation, Governance and policy, Stakeholder engagement, Building	Gonzalez Piloyan	English	TRUE	Governance	426	225	TRUE		FALSE		FALSE	Unsure if useful	No additional context provided beyond the case study which was developed by Global

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Europe - Covenant of Mayors Europe																			Covenant of Mayors - Europe. The resource is about local climate pacts; unclear how this differs or is similar to a Climate City Contract. If no additional written context is provided to introduce this resource, suggestion to remove it.
Glasgow's Climate plan - Covenant of Mayors Europe	https://netzerocities.app/resource-3189	Document	23/02/2023	23/02/2023	Published	Citizen participation, Finance, Stakeholder engagement, Climate resilience, Energy	Gonzalez Piloyan	English	TRUE	Governance	585	291	FALSE		FALSE		FALSE	Remove Resource	The resource does not link to a case study on Glasgow, but on Joensuu, Finland. Suggestion to remove.
Cooperating with the private sector in Joensuu : Case Study Covenant of Mayors - Europe	https://netzerocities.app/resource-3188	Document	23/02/2023	23/02/2023	Published	Finance, Stakeholder engagement, Energy	Gonzalez Piloyan	English	TRUE	Private sector engagement	595	313	TRUE		TRUE	Yes, as part of other resources	FALSE	Unsure if useful	No additional context provided beyond the case study which was developed by Global Covenant of Mayors - Europe. Suggestion to include

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			additional written context to introduce this resource/key learnings for other cities.
A network inspiring solutions in Uppsala	https://netzerocities.app/resource-3141	Document	13/01/2023	20/01/2023	Published	Governance and policy,Stakeholder engagement,Climate resilience	Nelson Tara	English	TRUE	Stakeholder engagement	591	374	TRUE		FALSE	Yes, as an example/in conjunction with other resources that are more practical	FALSE	Unsure if useful	No additional context provided beyond the embedded PDF from the city. Suggestion to include additional written context to introduce this resource/key learnings for other cities. Resource is too high-level and not concrete enough. If resource is not adapted, then remove.
Enabling business to be more energy efficient in Ghent	https://netzerocities.app/resource-3130	Document	12/01/2023	20/01/2023	Published	Education,Stakeholder engagement,Building,Energy	Nelson Tara	English	TRUE	Private sector engagement , energy efficiency	641	401	TRUE		FALSE	Yes, as an example/in conjunction with other resources	FALSE	Unsure if useful	No additional context provided beyond the embedded PDF from the city. Suggestion to include additional

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			written context to introduce this resource/key learnings for other cities. Resource is too high-level and not concrete enough. If resource is not adapted, then remove.
Mobilising citizens on energy in Frankfurt	https://netzerocities.app/resource-3129	Document	12/01/2023	20/01/2023	Published	Awareness raising, Education, Stakeholder engagement, Energy	Nelson Tara	English	TRUE	Citizen engagement, energy	549	349	TRUE		FALSE	Yes, as an example/in conjunction with other resources that are more practical	FALSE	Unsure if useful	No additional context provided beyond the embedded PDF from the city. Suggestion to include additional written context to introduce this resource/key learnings for other cities. Resource is too high-level and not concrete enough. If resource is not adapted, then remove.
Just Transition	https://netzerocities.app/resource-3106	Visual case studies	17/11/2022	17/11/2022	Published	Social innovation, Stakeholder engagement, Industry	Saniour Nayla	English	TRUE	Citizen engagement	640	323	TRUE		TRUE	Yes, as inspiration	TRUE	Useful NZC CE	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Listening Platform																			
Antwerp's Participatory Budget	https://netzerocities.app/resource-2923	Case studies	16/10/2022	16/10/2022	Published	Awareness raising, Citizen participation, Finance, Governance and innovation, Stakeholder engagement, Technology	Komatsu Cipriani	English	TRUE	Citizen engagement, participatory budget, finance	1031	668	TRUE		TRUE	Concrete example of participatory budget	FALSE	Useful NZC CE Resource	
Multi-stakeholder collaboration for a fair energy transition in Zagreb	https://netzerocities.app/resource-2881	Case studies	27/09/2022	14/11/2022	Published	Education, Social innovation, Stakeholder engagement, Energy	Altman Natalia	English	TRUE	Education, energy, citizen engagement	717	378	TRUE		TRUE	Inspiration from a concrete example	FALSE	Useful NZC CE Resource	
SynAthina	https://netzerocities.app/resource-2856	Visual case studies	27/09/2022	14/11/2022	Published	Citizen participation, Finance, Governance and innovation, Stakeholder engagement	Altman Natalia	English	TRUE	Social innovation, citizen engagement	682	347	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
Järva Dialog	https://netzerocities.app/resource-2791	Case studies	21/09/2022	21/02/2023	Published	Awareness raising, Citizen participation, Education, Stakeholder engagement, Building, Energy, Materials	Ayiwe Emonie	English	TRUE	Energy, citizen engagement	768	396	TRUE		TRUE	Partially. The approach is clear but it lacks more information on the	TRUE	Adaptation needed (good to have)	Useful resource if more information and practical steps and guidelines are included

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Bridging Divides: Collaborating for Sustainable Development in São Paulo	https://netzerocities.app/resource-2787	Case studies	21/09/2022	19/10/2022	Published	Citizen participation,Culture,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE	Stakeholder engagement, social innovation	431	213	TRUE		TRUE	Partially. It lacks more information on the outputs and lessons learned	TRUE	Adaptation needed (good to have)	Useful resource if more information are included
Vision workshop in Sztum (Poland) - inspiring collaboration for climate neutrality	https://netzerocities.app/resource-2779	Case studies	21/09/2022	21/09/2022	Published	Awareness raising,Citizen participation,Governance and policy,Stakeholder engagement	Maurer Christiane	English	TRUE	Stakeholder engagement	434	228	TRUE		TRUE	Yes	TRUE	Useful NZC Resource	
Lada and Velilla Carrion River Social Innovation Platform	https://netzerocities.app/resource-2775	Case studies	20/09/2022	21/09/2022	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Building ,Energy,Industry,Materials,Technology,Transport and mobility	Carvajal Rowan	English	TRUE	Urban mobility, stakeholder engagement	529	261	TRUE	Useful to connect the resource to https://netzerocities.app/resource-casestudy-3106	TRUE	Yes	TRUE	Adaptation needed (good to have)	Make connection with https://netzerocities.app/resource-casestudy-3106 Add resources and templates from the process

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Empower Med	https://netzerocities.app/resource-2722	Case studies	19/09/2022	19/10/2022	Published	Citizen participation,Governance and innovation,Stakeholder engagement,Climate resilience,Energy	Ayiwe Emonie	English	TRUE	Energy, gender equality, participatory governance	426	224	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
Climate and energy model region	https://netzerocities.app/resource-2754	Case studies	19/09/2022	12/10/2022	Published	Awareness raising,Citizen participation,Education,Finance,Governance and policy,Stakeholder engagement,Climate resilience,Energy,Industry	Ayiwe Emonie	English	TRUE	Energy, stakeholder engagement	382	209	TRUE		TRUE	Partially	FALSE	Adaptation needed (good to have)	More information are needed - some links are broken
Democratic energy transition in Amsterdam	https://netzerocities.app/resource-2718	Case studies	19/09/2022	05/10/2022	Published	Citizen participation,Governance and innovation,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE	Social innovation, energy, citizen engagement	785	507	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
Mannheim City Lab on Social Innovation in Energy Transitions (SONNET)	https://netzerocities.app/resource-2758	Visual case studies	19/09/2022	19/09/2022	Published	Citizen participation,Social innovation,Stakeholder engagement,Energy	Callahan Sophie	English	TRUE	Citizen participation ,Social innovation,S stakeholder engagement ,Energy	750	456	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
Civic Design Lab Oakland	https://netzerocities.app/resource-2387	Case studies	15/09/2022	09/08/2023	Published	Awareness raising,Citizen participation,Education,Finance,Funding,Social innovation,Stakeholder engagement,Climate resilience,Health,Building,Energy,Transport and mobility	Tajuddin Nilofer	English	TRUE	Citizen engagement , design thinking	765	437	TRUE		TRUE	Yes	TRUE	Adaptation needed (good to have)	Links are broken - update
SONNET – The Bristol City Lab	https://netzerocities.app/resource-2627	Visual case studies	15/09/2022	15/11/2022	Published	Citizen participation,Funding,Social innovation,Stakeholder engagement	Arapović Josipa	English	TRUE	Energy efficiency, citizen engagement	655	329	TRUE		TRUE	Yes, but lacks guidance	FALSE	Useful NZC CE Resource	Good to link it to https://netzerocities.app/resource-2758

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
KLIC (Križevci Climate Innovation Laboratory)	https://netzerocities.app/resource-2619	Case studies	15/09/2022	15/11/2022	Published	Citizen participation, Social innovation, Stakeholder engagement, Climate resilience, Nature based solutions, Building, Energy	Arapović Josipa	English	TRUE	Citizen participation, Social innovation, energy	731	412	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
Cloughjordan Ecovillage	https://netzerocities.app/resource-2522	Visual case studies	15/09/2022	15/11/2022	Published	Citizen participation, Funding, Social innovation, Stakeholder engagement, Climate resilience, Nature based solutions, Building, Energy	Arapović Josipa	English	TRUE	Citizen engagement, participatory governance	717	440	TRUE		TRUE	Yes, but lacks guidance	TRUE	Adaptation needed (good to have)	More information would be useful
PentaHelix	https://netzerocities.app/resource-2623	Visual case studies	15/09/2022	15/11/2022	Published	Governance and policy, Social innovation, Stakeholder engagement, Energy, Technology	Arapović Josipa	English	TRUE	Energy, multi-level governance	954	496	TRUE		TRUE	Yes, as an example/in conjunction with other resources that are more practical	FALSE	Adaptation needed (good to have)	The resource needs some additional context on how the case study could be replicated in other cities. The link to the project is broken.
Resilient BoTu 2028	https://netzerocities.app/resource-2373	Case studies	15/09/2022	23/09/2022	Published	Awareness raising, Citizen participation, Culture, Education, Governance and policy, Social innovation, Stakeholder engagement, Climate resilience, Local resource, Building, Energy	Tajuddin Nilofer	English	TRUE	Energy, social cohesion	828	543	TRUE		TRUE	Yes, as an example/in conjunction with other resources that are	FALSE	Adaptation needed (good to have)	The resource needs some additional context on how the case study could be replicated in other cities. Perhaps some formatting

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			would be useful as it's hard to read and too many bullet points that give no context until the end. The links to external resources are broken.
Bologna's Citizen Collaboration Pacts	https://netzerocities.app/resource-2457	Case studies	15/09/2022	16/09/2022	Published	Citizen participation, Culture, Funding, Governance and policy, Social innovation, Stakeholder engagement	Komatsu Cipriani	English	TRUE	Social innovation, participatory budgeting	1012	641	TRUE		TRUE	Yes, as an example/in conjunction with other resources that are more practical	FALSE	Useful NZC CE Resource	
Wisdom Council on Bio-based Economy	https://netzerocities.app/resource-2411	Case studies	15/09/2022	15/09/2022	Published	Citizen participation, Stakeholder engagement, Local resource	Bresciani Sabrina	English	TRUE	Bio-economy, stakeholder engagement	564	341	FALSE		FALSE		FALSE	Unsure if useful	The resource needs some additional context on how the case study could be replicated in other cities and more in-depth explanation of the used methods. The links to

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			external resources are broken.
Living Streets of Ghent	https://netzerocities.app/resource-1945	Case studies	14/09/2022	12/09/2023	Published	Citizen participation,Culture,Governance and innovation,Stakeholder engagement,Tourism,Air quality,Building	Schmidt-Thomé Kaisa & Bharati Adityan	English	TRUE	Mobility, tactical urbanism	856	443	TRUE		TRUE	Yes	FALSE	Adaptation needed (good to have)	Some external resources are broken.
Community Forest in Nepal, Social Equity in Community Forests	https://netzerocities.app/resource-2037	Case studies	14/09/2022	19/10/2022	Published	Awareness raising,Citizen participation,Culture,Education,Stakeholder engagement,Biodiversity,Climate resilience,Local resource,Energy,Materials,Sustainable fuel	Ayiwe Emonie	English	TRUE	governance	521	325	TRUE		FALSE		FALSE	Unsure if useful	The resource needs some additional context on the project itself and on how the case study could be replicated in other cities and more in-depth explanation of the used methods.
Participatory environmental monitoring committees in mining contexts	https://netzerocities.app/resource-2323	Case studies	14/09/2022	19/10/2022	Published	Awareness raising,Citizen participation,Stakeholder engagement,Awareness raising,Citizen participation,Social innovation,Stakeholder engagement,Air quality,Biodiversity,Climate resilience,Soil,Water,Air quality,Biodiversity,Climate resilience,Soil,Water,Industry,Materials,Industry,Materials	Ayiwe Emonie	English	TRUE	Governance	595	360	TRUE		FALSE	Yes	FALSE	Useful NZC Resource	
BESTGRID	https://netzerocities.app/resource-2305	Case studies	14/09/2022	19/10/2022	Published	Citizen participation,Governance and innovation,Stakeholder engagement,Climate	Ayiwe Emonie	English	TRUE	Energy	541	282	TRUE		TRUE	Yes, as an example/in	FALSE	Adaptation needed	Broken links

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
						resilience,Local resource,Energy,Industry										conjunction with other resources that are more practical		(good to have)	
D-NOSES	https://netzerocities.app/resource-2281	Case studies	14/09/2022	18/10/2022	Draft	Awareness raising,Citizen participation,Social innovation,Stakeholder engagement,Air quality,Health,Waste,Industry	Ayiwe Emonie	English	FALSE		5	2	FALSE		FALSE		FALSE	Remove Resource	Link to repository not working
Crowdsourcing the Mexico City Constitution	https://netzerocities.app/resource-2129	Case studies	14/09/2022	13/10/2022	Published	Citizen participation,Culture,Governance and policy,Social innovation,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE	Citizen engagement	381	200	TRUE		FALSE	Yes, as an example/in conjunction with other resources that are more practical	FALSE	Useful NZC CE Resource	
Scotland's Climate Assembly	https://netzerocities.app/resource-1941	Case studies	14/09/2022	14/09/2022	Published	Awareness raising,Citizen participation,Governance and policy,Stakeholder engagement,Climate resilience,Analytics and modelling,Carbon capture,Energy,Industry,Technology,Transport and mobility	Schmittinger Felicitas	English	TRUE	climate assembly	481	250	TRUE		TRUE	Yes, as an example/in conjunction with other resources	FALSE	Useful NZC CE Resource	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Co-Producing a new Air Quality Plan for the Małopolska Region - Krakow Technology Park (KTP)	https://netzerocities.app/resource-1917	Case studies	14/09/2022	14/09/2022	Published	Awareness raising,Citizen participation,Governance and policy,Stakeholder engagement,Air quality,Health,Industry,Transport and mobility	Schmittinger Felicitas	English	TRUE	co-creation, stakeholder engagement	395	219	TRUE		TRUE	Yes, as an example/in conjunction with other resources that are more practical	FALSE	Useful NZC CE Resource	
Programme of comprehensive renewal of the historical centre of Zagreb - Blok 19	https://netzerocities.app/resource-2443	Visual case studies	15/09/2022	15/11/2022	Published	Citizen participation,Social innovation,Stakeholder engagement,Biodiversity,Local resource,Nature based solutions,Building	Arapović Josipa	English	TRUE	Stakeholder engagement , built environment	864	515	FALSE		TRUE	Yes	FALSE	Adaptation needed (good to have)	The text needs to be reviewed as some paragraphs are duplicated. External resource only available in Croatian, suggestion to remove.
Wards Corner, Public-Commons Partnership (PCP)	https://netzerocities.app/resource-2631	Case studies	15/09/2022	06/10/2022	Published	Citizen participation,Culture,Finance,Funding,Stakeholder engagement,Building	Ayiwe Emonie	English	TRUE	Governance	597	319	TRUE		TRUE	Yes, as an example/in conjunction with other	FALSE	Useful NZC CE Resource	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes	
											Views	Unique Views								
People's Policy on Child Wellbeing	https://netzerocities.app/resource-2003	Case studies	14/09/2022	19/10/2022	Published	Citizen participation, Governance and innovation, Stakeholder engagement, Social policy	Ayiwe Emonie	English	FALSE		533	270	TRUE		FALSE		FALSE	Unsure if useful		
CANVAS & Tools																				
Day to Day Lifecycle: Infrastructure democracy	https://netzerocities.app/resource-4339	Canvas	04/09/2024	04/09/2024	Published	Citizen participation, Governance and engagement, Climate resilience, Stakeholder policy	Amann Daniela	English	TRUE	Democratic Design	135	130	TRUE		TRUE	yes, however the resource refers to case studies that are not linked	TRUE	Top NZC CE Resource	Must have adaptation: Add case study that is referred to in the text.	
SNAP Building a Transition Team canvas	https://netzerocities.app/resource-4271	Canvas	27/06/2024	27/06/2024	Published	Awareness raising, Governance and policy, Stakeholder engagement, Systems innovation	Mclaughlin Jane	English	TRUE	Transition Team	162	150	TRUE		TRUE	Yes. Cities that do not know what a Transition Team is might need further information	FALSE	Useful NZC CE Resource		

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
ENGAGEMENT BUILDING BLOCKS	https://netzerocities.app/resource-4093	Tool	24/01/2024	24/01/2024	Published	Awareness raising,Citizen participation,Culture,Education,Social innovation,Stakeholder engagement	Stearns Max	English	TRUE	Democratic Design	801	487	TRUE		TRUE	The resource is quite complex currently it is being reworked to provide easier usability	TRUE	Useful NZC Resource	Resource requires currently expert facilitation
Engagement Building Blocks - Printable Cards	https://netzerocities.app/resource-4092		24/01/2024	24/01/2024	Published	Awareness raising,Citizen participation,Culture,Education,Social innovation,Stakeholder engagement	Stearns Max	English	TRUE	Democratic Design	405	283	TRUE		TRUE		TRUE		MERGE with above
Engagement Building Blocks - Glossary	https://netzerocities.app/resource-4091		24/01/2024	24/01/2024	Published	Awareness raising,Citizen participation,Culture,Education,Social innovation,Stakeholder engagement	Stearns Max	English	TRUE	Democratic Design	428	311	TRUE		TRUE		TRUE		MERGE with above
Engagement Building Blocks - Instructions	https://netzerocities.app/resource-4090		24/01/2024	24/01/2024	Published	Awareness raising,Citizen participation,Culture,Education,Social innovation,Stakeholder engagement	Stearns Max	English	TRUE	Democratic Design	438	327	TRUE		TRUE		TRUE		MERGE with above
Systems Innovation Toolkit	ss	Toolkit / Resource Compilation	29/03/2023	29/03/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate	Fischer Luise	English	TRUE	Systems Design; Systems Innovation	1160	697	TRUE		TRUE	Yes, great resource - could be easily used	FALSE	Top NZC Resource	Good to have adaptation: Description in the Portal could be more user friendly - add

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
						resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable fuel,Technology,Transport and mobility										as a workshop;			paragraphs and titles
System Change: A Guidebook for Adopting Portfolio Approaches	https://netzerocities.app/resource-3391	Guide book	02/04/2023	02/04/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable fuel,Technology,Transport and mobility	Fischer Luise	English	TRUE	Portfolio Approach	1035	556	TRUE		TRUE		TRUE	Useful NZC CE Resource	Good to have adaptation: Description in the Portal could be more user friendly - add paragraphs and titles
Systemic Design Toolkit Guide - Design tools to tackle complexity	https://netzerocities.app/resource-3393	Toolkit / Resource Compilation	03/04/2023	03/04/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable	Fischer Luise	English	TRUE	Systems Design	1489	814	TRUE		TRUE	Yes, clear description of canvases that can be used to apply systems thinking;	FALSE	Useful NZC CE Resource	Good to have adaptation: Description in the Portal could be more user friendly - add paragraphs and titles

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
						fuel,Technology,Transport and mobility													
Stakeholder Engagement and Dissemination Plan (Canvas)	https://netzerocities.app/resource-3332	Canvas	24/03/2023	16/05/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE	Democratic Design	1043	489	TRUE		TRUE	Yes, clear description of the canvas	FALSE	Adaptation needed (good to have)	there exist other resources that are used by agile support which are more comprehensive than this. This could be updated with the resources used in agile support; also: Description in the Portal could be more user friendly - add paragraphs and titles
RACI Framework	https://netzerocities.app/resource-3324	Tool	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE	Transition Team	515	257	TRUE		TRUE	yes	FALSE	Useful NZC CE Resource	Good to have adaptation: Description in the Portal could be more user friendly - add paragraphs and titles
Multi-level perspective: context map and trajectory	https://netzerocities.app/resource-3213	Toolkit / Resource Compilation	08/03/2023	16/11/2023	Published	Awareness raising,Education,Governance and policy,Social innovation,Stakeholder engagement,Analytics modelling,Technology and	Fischer Luise	English	TRUE	Systems Design	863	419	TRUE		TRUE	yes, guidebook including a compilation	FALSE	Adaptation needed (good to have)	These 5 resources are different chapters of the same handbook with a short 1

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
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es for change																			
Visual toolbox for system innovation - Chapter 2 - Tool 8 and 9	https://netzerocities.app/resource-3214		08/03/2023	08/03/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable fuel,Technology,Transport and mobility	Fischer Luise	English	TRUE	Systems Design	517	280	TRUE		TRUE		FALSE		line description on the Portal. This makes it hard to navigate for users. Suggestion: Create one resource, describing the resource in a bit more depth on the Portal page, providing an overview what can be found in which chapter.
Visual toolbox for system innovation - Chapter 4	https://netzerocities.app/resource-3212		08/03/2023	08/03/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable fuel,Technology,Transport and mobility	Fischer Luise	English	TRUE	Systems Design	419	209	TRUE		TRUE		FALSE		
Visual toolbox for system innovation	https://netzerocities.app/resource-3211		08/03/2023	08/03/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social	Fischer Luise	English	TRUE	Systems Design	461	227	TRUE		TRUE		FALSE		

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
n Chapter 3						innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable fuel,Technology,Transport and mobility													
Visual toolbox for system innovation Chapter 1	https://netzerocities.app/resource-3210		08/03/2023	08/03/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable fuel,Technology,Transport and mobility	Fischer Luise	English	TRUE	Systems Design	476	245	TRUE		TRUE		FALSE		
Systems Mapping Guide	https://netzerocities.app/resource-3149	Guide book	27/01/2023	03/04/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytic	Fischer Luise	English	TRUE	Systems Design	1116	594	TRUE		TRUE	Yes this guidebook walks users through the process of how to create	FALSE	Adaptation needed (good to have)	Description in the Portal could be more user friendly - add paragraphs and titles

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
						s and modelling, Building, Carbon capture, Energy, Industry, Materials, Sustainable fuel, Technology, Transport and mobility										a system map			
Systems Thinking and Systems Modelling Course	https://netzerocities.app/resource-3148	Document	27/01/2023	27/01/2023	Published	Awareness raising, Circular economy, Citizen participation, Culture, Education, Finance, Funding, Governance and policy, Social innovation, Stakeholder engagement, Tourism, Air quality, Biodiversity, Climate resilience, Food, Green areas, Health, Local resource, Nature based solutions, Soil, Waste, Water, Analytics and modelling, Building, Carbon capture, Energy, Industry, Materials, Sustainable fuel, Technology, Transport and mobility	Fischer Luise	English	FALSE		747	402	FALSE		FALSE		FALSE		
Service Design Workshop Toolkit	https://netzerocities.app/resource-3142	Toolkit / Resource Compilation	18/01/2023	18/01/2023	Published	Citizen participation, Social innovation, Stakeholder engagement	Komatsu Cipriani	English	TRUE	Service Design	554	266	TRUE		TRUE	Yes, great resource leading users through a workshop series from challenge to potential solution	TRUE	Top NZC CE Resource	Good to have adaptation: Description in the Portal could be more user friendly - add paragraphs and titles

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Social Innovation Toolkit	https://netzerocities.app/resource-3121	Toolkit / Resource Compilation	03/01/2023	03/01/2023	Published	Social innovation,Stakeholder engagement	Komatsu Cipriani	English	TRUE	Social Innovation	1284	711	TRUE		TRUE	Great compilation for canvases!	TRUE	Top NZC CE Resource	Good to have adaptation: Description in the Portal could be more user friendly - add paragraphs and titles
Personas (Canvas)	https://netzerocities.app/resource-3060	Canvas	17/10/2022	17/10/2022	Published	Social innovation,Stakeholder engagement	Komatsu Cipriani	English	TRUE	Understanding Target Groups	355	187	TRUE		FALSE	yes	FALSE	Top NZC CE Resource	ADAPTATION GOOD TO HAVE - Description in the Portal could be more user friendly - add paragraphs and titles
STAKEHOLDER MAPPING CANVASES									FALSE										
SNAP Stakeholder Impact Mapping canvas	https://netzerocities.app/resource-4272	Canvas	27/06/2024	27/06/2024	Published	Governance and policy,Stakeholder engagement,Systems innovation	Mclaughlin Jane	English	TRUE	Stakeholder impact GHG	171	156	TRUE		TRUE	Yes	TRUE	Top NZC CE Resource	Need review: Link to SNAP Playbook not working
Scaffolding Emergency Canvas	https://netzerocities.app/resource-4338	Canvas	04/09/2024	04/09/2024	Published	Citizen participation,Governance and policy,Stakeholder engagement,Climate resilience	Amann Daniela	English	TRUE	Stakeholder engagement	118	111	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
Ecosystem Activation Tools (PDF Version)	https://netzerocities.app/resource-4115	Document	15/02/2024	15/03/2024	Published	Awareness raising,Citizen participation,Culture,Education,Governance and policy,Social innovation,Stakeholder engagement	Stearns Max	English	TRUE		519	362	TRUE	PDF version of the Engagement strategy tools	TRUE	Yes	FALSE	Top NZC CE Resource	Must have adaptation: names between pdf version and interactive tool do not

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
														https://netzerocities.app/engagementGuidanceTools					coincide (ecosystem check up vs engagement priority identifier). Link redirecting to online tool not working.
Companion guide for Civic environment mapping	https://netzerocities.app/resource-3743	Document	05/06/2023	14/06/2023	Published	Awareness raising,Citizen participation,Governance and policy,Stakeholder engagement	Pidoux Blandine	English	TRUE	stakeholder engagement	2597	1467	TRUE		TRUE	Yes	FALSE	Top NZC CE Resource	Linked to: https://netzerocities.app/resource-3336
CIVIC ENVIRONMENT MAPPING SERVICE - CANVAS & GUIDE COLLECTION	https://netzerocities.app/resource-3334	Article	24/03/2023	23/01/2024	Published	Citizen participation,Stakeholder engagement	Energy Cities, RNC, DemSoc	English	TRUE	Stakeholder mapping	2191	968	TRUE		TRUE	Yes	FALSE	Top NZC CE Resource	
NZC Civic Environment Mapping Tool	https://netzerocities.app/resource-3333	Document	24/03/2023	28/04/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE		1677	873	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3334
Stakeholder Map and Matrix (Canvas)	https://netzerocities.app/resource-3331	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	TNO, RCN	English	TRUE		969	490	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3335
Target Group (Canvas)	https://netzerocities.app/resource-3330	Canvas	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE		719	365	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3336

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
QuickStart stakeholder engagement canvas: Engagement (Canvas)	https://netzerocities.app/resource-3329	Canvas	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE		864	397	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3337
Stakeholder Analysis Table (Canvas)	https://netzerocities.app/resource-3328	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE		829	451	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3338
Stakeholder Visualization (Canvas)	https://netzerocities.app/resource-3327	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Demos, RNC	English	TRUE		996	469	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3339
QuickStart Stakeholder Engagement: Analysis (Canvas)	https://netzerocities.app/resource-3326	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	TNO, RCN	English	TRUE		685	345	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3340
Stakeholder Power Categories (Canvas)	https://netzerocities.app/resource-3325	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	TNO RCN	English	TRUE		958	484	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3341
Systems Map (Canvas)	https://netzerocities.app/resource-3323	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE		769	444	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3342
Stakeholder Identification (Canvas)	https://netzerocities.app/resource-3322	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE		809	390	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3343

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Stakeholders Map (Canvas)	https://netzerocities.app/resource-3321	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	TNO, RCN	English	TRUE		945	516	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3344
Stakeholders Ecosystem Map (Canvas)	https://netzerocities.app/resource-3320	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Energy Cities, RNC	English	TRUE		1027	539	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3345
Community Map (Canvas)	https://netzerocities.app/resource-3319	Document	24/03/2023	24/03/2023	Published	Citizen participation,Stakeholder engagement	Tajuddin Nilofer	English	TRUE		793	375	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3346
Building a Transition Team	https://netzerocities.app/resource-3215	Document	09/03/2023	09/03/2023	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Carbon capture,Energy,Industry,Materials,Sustainable fuel,Technology,Transport and mobility	Fischer Luise	English	FALSE		1081	482	FALSE		FALSE		FALSE	Remove Resource	Empty resource. Possible duplicate with: https://netzerocities.app/resource-4271
People and Connections Map (Canvas)	https://netzerocities.app/resource-3059	Document	17/10/2022	17/10/2022	Published	Citizen participation,Social innovation,Stakeholder engagement	Polimi	English	TRUE		680	344	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	Linked to: https://netzerocities.app/resource-3336
METHODS									FALSE										

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Methods for social innovation and meetings facilitation	https://netzerocities.app/resource-4324	Article	27/08/2024	09/02/2025	Published	Citizen participation,Governance and policy,Social innovation,Stakeholder engagement,Systems innovation	Bresciani Sabrina	English	TRUE	Social innovation, stakeholder engagement , participatory methods, systems thinking, facilitation techniques for climate action planning.	171	144	TRUE	No duplicates, but it link several resources available on the portal: Find all the links here: https://view.geniall.com/6735c7858fc4c665174c3069/interactive-content-si-methods	TRUE	Yes, the step-by step guidance and tool descriptions make it straightforward for city officials and practitioners to implement the methods in their local contexts	TRUE	Top NZC CE Resource	
The Co-Creation Toolkit	https://netzerocities.app/resource-4276	Visual case studies	27/06/2024	27/06/2024	Published	Governance and policy,Social innovation,Stakeholder engagement,Energy	Laitinen Essi	English	TRUE	co-creation of sustainable and smart urban areas, emphasizing collaborative processes among	186	179	TRUE		TRUE	Yes, the toolkit is designed for practical applica	TRUE	Top NZC CE Resource	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
										various stakeholders to achieve energy-positive and climate-neutral communities									
Challenge Map (Canvas)	https://netzerocities.app/resource-4102	Canvas	26/01/2024	26/01/2024	Published	Governance and policy, Social innovation, Stakeholder engagement, Analytics and modelling	Errey Sean	English	TRUE	Challenge mapping can help to make a broad overview of a complex problem setting	534	389	FALSE	Linked to line 135 https://netzerocities.app/resource-1148	TRUE	Usable but basic	TRUE	Adaptation needed (must have)	Lacks advanced features for scalability
CCRI - Methodology for the implementation of a circular	https://netzerocities.app/resource-4034	Document	18/09/2023	18/09/2023	Published	Circular economy, Citizen participation, Funding, Governance and policy, Stakeholder engagement, Biodiversity, Climate resilience, Food, Green areas, Local resource, Soil, Waste, Water, Analytics and	Menger Pierre	English	TRUE	Circular economy, stakeholder engagement, Circular economy	803	528	TRUE	FALSE	FALSE	Yes but it is usable for experienced	TRUE	Useful NZC CE Resource	This resource is not on citizen engagement, but a methodology for cities

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
economy at the local and regional scale						modelling, Building, Industry, Materials, Technology, Transport and mobility				financing, governance						practitioners or cities with strong administrative capacity and focus on circular economy			willing to implement circular economy solutions in their territories. It would be useful to link it to resources on similar topic. Cities need specialists to use this resource
Outcome harvesting	https://netzerocities.app/resource-3995	Method	10/09/2023	10/09/2023	Published	Citizen participation, Governance and innovation, Stakeholder engagement, policy, Social	Bresciani Sabrina	English	TRUE	Monitoring and Evaluation (M&E) of climate actions, focusing on identifying and analyzing outcomes in uncertain contexts	680	461	TRUE	FALSE	Partially: users familiar with monitoring and evaluation may find it usable, but those new to the concept might require additional	TRUE	Adaptation needed (must have)	Resource is very academic/theory-oriented. Would need to include concrete examples. Suggestion to either update, or remove, the resource.	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Levers of a Sustainable City	https://netzerocities.app/resource-3862	Method	31/08/2023	31/08/2023	Published	Social innovation, Stakeholder engagement	Fatima Zarrin	English	TRUE	Scaling sustainable practices, peer learning, implementation of proven sustainability methods in urban contexts.	613	400	TRUE		TRUE	Yes	TRUE	Adaptation needed (good to have)	Although the approach is comprehensive, having some case studies and examples could be useful. The development process of this approach as well as the final scaling model has been documented, but so far in Finnish only. https://kesta.vakaupunki.fi/skaalaus The english version of this case study could be beneficial for further cities willing to replicate the process.

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Futures table	https://netzerocities.app/resource-3812	Method	20/08/2023	22/08/2023	Published	Governance and policy,Stakeholder engagement	Schmidt-thomé Kaisa	English	TRUE	Strategic foresight, scenario planning	878	622	TRUE		FALSE	Partially: without comprehensive guidance, users may find it challenging to implement the method effectively, especially without prior experience in scenario planning.	TRUE	Adaptation needed (must have)	Resource is very academic/theory-oriented. Would need to include concrete examples. Suggestion to either update, or remove, the resource.
Crowdfunding as a Tool to Raise Capital	https://netzerocities.app/resource-3117	Article	01/12/2022	01/03/2024	Published	Finance,Funding,Stakeholder engagement	Ingle Rahul	English	TRUE	Alternative financing mechanisms , specifically crowdfunding, for supporting climate-related projects.	960	552	TRUE		FALSE	The inclusion of case studies provides practical examples.	TRUE	Adaptation needed (good to have)	Some links to the case studies don't work. It would be useful to include implementation guidelines, risk

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			assessment framework, analysis of the case studies highlighting challenges and solutions implemented
Sponsorships	https://netzerocities.app/resource-3116	Article	01/12/2022	21/12/2022	Published	Awareness raising,Citizen participation,Education,Finance,Funding,Social innovation,Stakeholder engagement,Waste,Water,Building,Energy,Transport and mobility	Ingle Rahul	English	TRUE	Alternative financing mechanisms , specifically sponsorships	727	436	TRUE		FALSE	the resource does not provide	TRUE	Adaptation needed (good	Resource is theory-oriented. Would need to include concrete

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Philanthropic funds	https://netzerocities.app/resource-3115	Article	01/12/2022	20/12/2022	Published	Awareness raising,Citizen participation,Finance,Funding,Social innovation,Stakeholder engagement,Waste,Water,Building,Energy,Transport and mobility	Ingle Rahul	English	TRUE	Alternative financing	675	404	TRUE		FALSE	Partially. The concept is clear, but the resource doesn't guide cities on applying for or managing philanthropic grants. It	FALSE	Adaptation needed (good to have)	Resource is theory-oriented. Would need to include concrete examples. Suggestion to either update, or remove, the resource.

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes	
											Views	Unique Views								
System Mapping	https://netzerocities.app/resource-3081	Method	21/10/2022	21/10/2022	Published	Citizen participation, Culture, Governance and innovation, Stakeholder engagement, Analytics and modelling, Building, Energy, Industry, Sustainable fuel, Technology	Schmittinger Felicitas	English	TRUE	Citizen participation, ecosystem mapping	778	493	TRUE		TRUE	Yes, it is practical	TRUE	Useful NZC CE Resource		
Natural gas-free homes: drivers and barriers for residents	https://netzerocities.app/resource-2690	Method	19/09/2022	17/03/2023	Published	Citizen participation, Stakeholder engagement, Climate resilience, Building, Energy	Ayiwe Emonie	English	TRUE	Citizen participation, Stakeholder engagement, Climate resilience, Building, Energy	630	381	TRUE		TRUE	Yes, it is practical	TRUE	Useful NZC CE Resource		
Citizens Asset Program	https://netzerocities.app/resource-2740	Method	19/09/2022	16/11/2022	Published	Citizen participation, Governance and policy, Stakeholder engagement	Ayiwe Emonie	English	TRUE	Citizen participation, Governance and policy, Stakeholder engagement	585	311	TRUE		FALSE	The overview clearly outlines goals and mechanisms, but lacks detailed process	FALSE	Adaptation needed (good to have)	Lack practical tools that could enhance its usability	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Futures Thinking	https://netzerocities.app/resource-2680	Method	19/09/2022	19/10/2022	Published	Citizen participation,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE	Citizen participation ,Stakeholder engagement	754	472	TRUE		FALSE		FALSE	Adaptation needed (good to have)	lack concrete city-level implementation examples, case studies, or toolkits to guide practitioners in applying methods
Citizens' Assembly	https://netzerocities.app/resource-2656	Method	19/09/2022	19/10/2022	Published	Citizen participation,Governance and policy,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE	Citizen participation ,Stakeholder engagement	676	403	TRUE		FALSE		TRUE	Useful NZC CE Resource	
Citizens Science	https://netzerocities.app/resource-2666	Method	19/09/2022	19/10/2022	Published	Citizen participation,Social innovation,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE	Citizen participation ,Stakeholder engagement	717	451	TRUE		FALSE		TRUE	Adaptation needed (good to have)	Citizen participation, Stakeholder engagement
Unified Citizen Engagement Approach (UCEA)	https://netzerocities.app/resource-2710	Method	19/09/2022	19/10/2022	Draft	Citizen participation,Stakeholder engagement,Citizen participation,Social innovation,Stakeholder engagement,Climate resilience,Climate resilience,Energy,Technology,Energy,Technology	Ayiwe Emonie	English	FALSE		4	1	FALSE		FALSE		FALSE	Remove Resource	Link is broken - Resource to be removed
The energetic municipality	https://netzerocities.app/resource-2700	Method	19/09/2022	06/10/2022	Draft	Citizen participation,Stakeholder engagement,Climate resilience,Energy	Ayiwe Emonie	English	FALSE		5	2	FALSE		FALSE		FALSE	Remove Resource	Link is broken - Resource to be removed
People and Connections Map	https://netzerocities.app/resource-1538	Method	13/09/2022	17/10/2022	Published	Citizen participation,Social innovation,Stakeholder engagement	Polimi	English	TRUE	Citizen participation ,Social innovation,S stakeholder engagement	887	608	TRUE	Link to https://netzerocities.app/r	TRUE	Yes	TRUE	Adaptation needed (good	Linked to https://netzerocities.app/resource-3059

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
														esource-3059				to have)	
Vision workshop toolbox	https://netzerocities.app/resource-1488	Method	12/09/2022	12/09/2022	Published	Awareness raising,Citizen participation,Governance and policy,Stakeholder engagement,Awareness raising,Citizen participation,Governance and policy,Stakeholder engagement	Pidoux Blandine	English	TRUE	Citizen participation ,Social innovation,S takeholder engagement	660	388	TRUE		TRUE		FALSE	Useful NZC CE Resource	
Challenge Map	https://netzerocities.app/resource-1148	Method	09/09/2022	26/01/2024	Published	Governance and policy,Social innovation,Stakeholder engagement,Analytics and modelling	Bharati Adityan	English	TRUE	Challenge mapping can help to make a broad overview of a complex problem setting	1158	718	TRUE	Linked to line 117 https://netzerocities.app/resource-4102	TRUE	Usable but basic	TRUE	Adaptation needed (must have)	Lacks advanced features for scalability
Customer Journey	https://netzerocities.app/resource-1078	Method	09/09/2022	26/01/2024	Published	Awareness raising,Social innovation,Stakeholder engagement,Awareness raising,Social innovation,Stakeholder engagement,Analytics and modelling,Analytics and modelling	Schmittinger Felicitas	English	TRUE	Social innovation, stakeholder engagement	853	481	TRUE		TRUE	Yes	FALSE	Useful NZC CE Resource	
Ethnographic Interviews (Method)	https://netzerocities.app/resource-1168	Method	09/09/2022	20/11/2023	Published	Awareness raising,Citizen participation,Culture,Education,Social innovation,Stakeholder engagement,Climate resilience,Health,Local resource	Bharati Adityan	English	TRUE	Citizen engagement	843	436	TRUE		TRUE		FALSE	Useful NZC CE Resource	
Empathy Mapping	https://netzerocities.app/resource-1138	Method	09/09/2022	18/10/2022	Published	Awareness raising,Citizen participation,Social innovation,Stakeholder engagement	Demos, Polimi	English	TRUE	Awareness raising,Citizen participation ,Social innovation,S takeholder engagement	1013	586	TRUE		FALSE		FALSE	Adaptation needed (good to have)	without examples tied to climate projects, its practical application remains abstract.
Public-Commons	https://netzerocities.app/resource-948	Method	08/09/2022	19/10/2022	Published	Citizen participation,Governance and policy,Stakeholder engagement	Ayiwe Emonie	English	TRUE	Citizen participation ,Governance	616	386	TRUE		TRUE	Yes	TRUE	Useful NZC CE	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Partnership										and policy,Stakeholder engagement								Resource	
Living Labs	https://netzerocities.app/resource-988	Method	08/09/2022	19/10/2022	Published	Circular economy,Citizen participation,Culture,Education,Social innovation,Stakeholder engagement,Climate resilience,Green areas,Health,Nature based solutions,Waste,Energy	Ayiwe Emonie	English	TRUE	Stakeholder engagement	886	536	TRUE		FALSE		FALSE	Adaptation needed (good to have)	The concept of the LLs is clear, but without example it remains abstract
People's Policy	https://netzerocities.app/resource-1048	Method	08/09/2022	19/10/2022	Published	Citizen participation,Governance and policy,Stakeholder engagement	Ayiwe Emonie	English	FALSE		553	341	TRUE		FALSE		FALSE	Unsure if useful	Teoretical - linked to https://netzerocities.app/resource-2003
Collective Advisory Assemblies	https://netzerocities.app/resource-958	Method	08/09/2022	19/10/2022	Published	Citizen participation,Stakeholder engagement,Energy	Ayiwe Emonie	English	FALSE		595	371	FALSE		FALSE		FALSE		
Community Wealth Building (CWB)	https://netzerocities.app/resource-1058	Method	08/09/2022	19/10/2022	Published	Citizen participation,Finance,Funding,Stakeholder engagement	Ayiwe Emonie	English	FALSE		668	415	FALSE		FALSE		FALSE	Unsure if useful	Teoretical - linked to https://netzerocities.app/resource-1048 https://netzerocities.app/resource-2003
KJ Ideation	https://netzerocities.app/resource-1068	Method	08/09/2022	17/10/2022	Published	Citizen participation,Social innovation,Stakeholder engagement	Komatsu Cipriani	English	TRUE	Citizen engagement	725	432	TRUE		TRUE		FALSE	Useful NZC CE Resource	
Climate Democracy Model	https://netzerocities.app/resource-1038	Method	08/09/2022	08/09/2022	Published	Citizen participation,Finance,Social innovation,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE	Citizen participation ,Finance,Social innovation,S stakeholder engagement ,Climate resilience	665	404	TRUE		TRUE		TRUE	Useful NZC CE Resource	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Most Significant Change	https://netzerocities.app/resource-978	Method	08/09/2022	08/09/2022	Published	Citizen participation, Social innovation, Stakeholder engagement	Bresciani Sabrina	English	TRUE	Citizen engagement	716	420	TRUE		TRUE		TRUE	Useful NZC CE Resource	
Asset Based Community Development (ABCD)	https://netzerocities.app/resource-708	Method	06/09/2022	24/11/2022	Published	Awareness raising, Citizen participation, Stakeholder engagement, Awareness raising, Citizen participation, Education, Social innovation, Stakeholder engagement, Climate resilience, Local resource	Tajuddin Nilofer	English	TRUE	Citizen engagement, awareness raising	812	491	TRUE		TRUE		TRUE	Useful NZC CE Resource	
Civic Labs	https://netzerocities.app/resource-718	Method	06/09/2022	10/09/2022	Published	Awareness raising, Citizen participation, Social innovation, Stakeholder engagement, Awareness raising, Citizen participation, Social innovation, Stakeholder engagement, Climate resilience	Tajuddin Nilofer	English	TRUE	Citizen engagement, participatory processes	585	356	TRUE		TRUE		TRUE	Useful NZC CE Resource	
Backcasting	https://netzerocities.app/resource-368	Method	05/09/2022	31/10/2022	Published	Citizen participation, Governance and policy, Social innovation, Stakeholder engagement	Schmidt-thomé Kaisa	English	TRUE	Citizen participation, Governance and policy, Social innovation, Stakeholder engagement	717	437	TRUE		TRUE		TRUE	Useful NZC CE Resource	
Tactical urbanism	https://netzerocities.app/resource-378	Method	05/09/2022	18/10/2022	Published	Awareness raising, Citizen participation, Stakeholder engagement, Air quality, Health, Building, Transport and mobility	Schmidt-thomé Kaisa	English	TRUE	Awareness raising, Citizen participation, Stakeholder engagement, Air quality, Health, Building, Transport and mobility	796	488	TRUE		TRUE		TRUE	Useful NZC CE Resource	
Participatory Budget	https://netzerocities.app/resource-358	Method	05/09/2022	06/09/2022	Published	Green areas, Awareness raising, Citizen participation, Culture, Education, Fin	Komatsu Cipriani	English	TRUE	Participatory budget,	713	441	TRUE		TRUE		FALSE	Useful NZC CE	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
						ance,Funding,Governance and policy,Social innovation,Stakeholder engagement				stakeholder engagement								Resource	
Agirre Lehendakaria Center's Community Listening and Activation Process	https://netzerocities.app/resource-348	Method	05/09/2022	05/09/2022	Published	Awareness raising,Circular economy,Citizen participation,Culture,Education,Finance,Funding,Governance and policy,Social innovation,Stakeholder engagement,Tourism,Air quality,Biodiversity,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Building ,Energy,Industry,Materials,Transport and mobility	Carvajal Rowan	English	TRUE	Citizen engagement , awareness raising	697	459	TRUE		FALSE		FALSE	Useful NZC CE Resource	
NARRATIVES																			
Shifting climate change narratives : how to talk about climate policies	https://netzerocities.app/resource-4481	Video	26/02/2025	26/02/2025	Published	Awareness raising,Stakeholder engagement	Garrido Lucia	English	TRUE	Narratives	26	18	TRUE		TRUE	yes, it is a video	FALSE	Adaptation needed (good to have)	there is several resources on Narratives - they could be collected in one overview page;
Shifting climate change narratives : how to talk about climate policies	https://netzerocities.app/resource-4480	Document	26/02/2025	26/02/2025	Published	Awareness raising,Stakeholder engagement	Garrido Lucia	English	TRUE	Narratives	36	32	TRUE		TRUE	this is a set of power point slides, belonging to the video above	FALSE	Adaptation needed (good to have)	there is several resources on Narratives - they could be collected in one overview page;

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Shaping Climate Narrative: 8 Tips for Building Trust and Driving Change	https://netzerocities.app/resource-4456	Article	02/12/2024	03/12/2024	Published	Awareness raising,Citizen participation,Education,Stakeholder engagement	Amann Daniela	English	TRUE	Narratives	112	92	TRUE		TRUE	Yes, as an overview/introduction to climate narratives, could be used in conjunction with other resources and/or during a workshop on climate narratives	FALSE	Adaptation needed (good to have)	May want to consider adding links to additional resources (especially those developed by NZC); if NZC has facilitated workshops on climate narratives, including those slides/materials
PORTFOLIO CO-DESIGN																			
Co-creating Impact Pathways and Indicators for your City's Climate-neutrality	https://netzerocities.app/resource-4059	Document	04/12/2023	04/12/2023	Published	Awareness raising,Citizen participation,Governance and policy,Social innovation,Stakeholder engagement,Analytics and modelling	Errey Sean	English	TRUE	Governance, MEL	446	261	TRUE		TRUE	In conjunction with the paired canvas	FALSE	Unsure if useful	Add hyperlink to the paired canvas Co-creating Impact Pathways and Indicators for your City's Climate-neutrality

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Transition – Presentation Slides																			Transition: A 7-Step Process. Not explicitly about CE
Co-creating Impact Pathways and Indicators for your City's Climate-neutrality Transition : A 7-Step Process - (Canvas)	https://netzerocities.app/resource-4058	Canvas	04/12/2023	04/12/2023	Published	Finance,Governance policy,Social innovation,Stakeholder engagement,Analytics modelling and and	Errey Sean	English	TRUE	Governance, MEL	475	252	TRUE		TRUE		TRUE	Unsure if useful	Add hyperlink to the paired PPT https://netzerocities.app/resource-4059 Include an example of a filled out canvas Not explicitly about CE
Impact Pathways and Indicators - Presentation Slides	https://netzerocities.app/resource-4057	Document	04/12/2023	04/12/2023	Published	Governance and policy,Social innovation,Stakeholder engagement,Analytics modelling,Industry and	Errey Sean	English	TRUE	Governance, MEL	749	444	TRUE		TRUE	In conjunction with expert facilitation	TRUE	Unsure if useful	The information may be easier to read as a standalone page, rather than a PPT.
Portfolio Co-Design	https://netzerocities.app/resource-4048	Document	12/10/2023	12/10/2023	Published	Governance and policy,Social innovation,Stakeholder engagement	Cartron Eugénie	English	TRUE	CCC, planning governance	643	372	TRUE		TRUE		FALSE	Useful NZC CE Resource	Not explicitly about CE
Portfolio Evaluation	https://netzerocities.app/resource-4047	Canvas	12/10/2023	12/10/2023	Published	Social innovation,Stakeholder engagement	Cartron Eugénie	English	TRUE	CCC, planning, governance	457	264	TRUE		TRUE	In conjunction with expert facilitation	TRUE		Not explicitly about CE
ENERGY																			

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Bridging the Energy Transition : Energy Communities and Combating Energy Poverty in European Cities	https://netzerocities.app/resource-4472	Article	06/02/2025	06/02/2025	Published	Citizen participation,Finance,Funding,Stakeholder engagement,Energy	Amann Daniela	English	TRUE	Energy communities	71	54	TRUE		TRUE	Yes, as an introduction to energy communities	FALSE	Useful NZC CE Resource	Good resource that provides an overview of the topic and links to case studies. Consider updating it to link to additional case studies. Resource is not explicitly about CE, as it is more about energy communities, with a short section on the role of citizens. Consider creating an overall Energy and CE page, and linking this one to the overall page.
Massive Open Online Course (MOOC) about Positive Energy Districts (PED)	https://netzerocities.app/resource-4049	Article	17/10/2023	17/10/2023	Published	Stakeholder engagement,Building,Energy,Technology	Wehner Regine	English	TRUE	Positive Energy District	602	391	TRUE		FALSE	Yes, in conjunction with other resources on PEDs	FALSE	Useful NZC CE Resource	The page links to a MOOC developed in another EU-funded project. Viewers may not have time/want to watch the

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			MOOC video. Consider removing as it was not developed with NZC, or include it in an overall page on PEDs.
Local energy communities	https://netzerocities.app/resource-618	Factsheet	06/09/2022	06/09/2022	Published	Awareness raising,Citizen participation,Social innovation,Stakeholder engagement,Building,Energy,Technology	Gabalton Moreno	English	TRUE	Positive Energy District	683	344	TRUE		FALSE	Yes, as a primer to PEDs, and in conjunction with other more practical resources	FALSE	Adaptation needed (good to have)	Add links to other NZC resources that are more practical.
BUILDING																			
Recommendations and best practices for regional and national endorsements and commitments in the Climate City Contracts	https://netzerocities.app/resource-4467	Document	24/01/2025	24/01/2025	Published	Governance and policy,Stakeholder engagement	Johansson Heidi	English	TRUE	CCC Commitments, Stakeholder Engagement	80	72	TRUE		TRUE	yes, it provides recommendations and best practices for endorsements and commitments	FALSE	Adaptation needed (good to have)	The description on the Portal page is currently presented as a single paragraph. To improve clarity and help users better understand the purpose of the

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			resource, consider breaking the content into multiple paragraphs and using formatting such as bold text for emphasis.
Oslo: Building Climate Resilience through Zero-Emission Construction Sites	https://netzerocities.app/resource-4429	Visual case studies	31/10/2024	31/10/2024	Published	Stakeholder engagement, Climate resilience, Waste, Water, Building, Energy	Fernández Clàudia	English	TRUE	Building, Construction, Stakeholder Engagement	93	89	TRUE		TRUE	Yes, clear case study	FALSE	Useful NZC CE Resource	
Cities Best Practice Session "How to mobilise citizens and stakeholders for action?" - Recording	https://netzerocities.app/resource-4100	Video	25/01/2024	25/01/2024	Published	Citizen participation, Governance and innovation, Stakeholder engagement, Social policy	Pineau Capucine	English	TRUE	Citizen Engagement, Stakeholder Engagement, Finance	824	459	TRUE		TRUE		FALSE	Adaptation needed (good to have)	A short paragraph introducing the video and which cities present which case studies would be very useful
Cities Best Practice Session "How to mobilise citizens and stakeholders for	https://netzerocities.app/resource-4101	Document	25/01/2024	25/01/2024	Published	Citizen participation, Governance and innovation, Stakeholder engagement, Social policy	Pineau Capucine	English	TRUE	Citizen Engagement, Stakeholder Engagement, Finance	667	369	TRUE		TRUE		FALSE		MERGE with above - these are the slides for the session above;

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
action?" - Presentation slides																			
NATURE BASED SOLUTIONS																			
Transforming Urban Landscapes: GreenInCities Proposal for Sustainable Urban Regeneration	https://netzerocities.app/resource-4420	Article	01/10/2024	01/10/2024	Published	Circular economy, Citizen participation, Education, Social innovation, Stakeholder engagement, Biodiversity, Climate resilience, Green areas, Health, Local resource, Nature based solutions, Waste, Analytics and modelling, Building, Carbon capture, Energy, Industry, Materials, Sustainable fuel, Technology, Transport and mobility	Barzon Francesco	English	TRUE	Urban Planning, NBS	96	93	TRUE		FALSE	No	FALSE	Remove Resource	There is just a description of the project. The resources generated by the project could be useful, but there is no clear information about those. Suggestion to either expand or remove the resource
Fostering Nature-based Solutions for equitable, green and healthy urban transitions	https://netzerocities.app/resource-4175	Document	17/04/2024	17/04/2024	Published	Citizen participation, Education, Governance and policy, Stakeholder engagement, Green areas, Nature based solutions	Lepori Paola	English	TRUE	NBS, urban planning, participatory processes	225	219	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
Platform for Enhancing Multi Stakeholder	https://netzerocities.app/resource-1628	Factsheet	13/09/2022	01/03/2023	Published	Awareness raising, Citizen participation, Education, Stakeholder engagement, Climate resilience, Nature based solutions	Rodriguez Alonso	English	TRUE	NBS, citizen engagement	516	281	TRUE		FALSE	No - very few information	FALSE	Remove Resource	Very few information and link broken. Suggestion to expand or

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Dialogue to Implement NBS across EU																			remove the resource
Education al activities on NBS	https://netzerocities.app/resource-1518	Factsheet	13/09/2022	13/09/2022	Published	Awareness raising,Citizen participation,Education,Awareness raising,Citizen participation,Education,Stakeholder engagement,Climate resilience,Nature based solutions,Climate resilience,Nature based solutions	Rodriguez Alonso	English	TRUE	NBS, citizen engagement	606	335	TRUE		TRUE	Yes	TRUE	Useful NZC CE Resource	
PILOTS																			
Pilots Cities projects - Social Innovation Activities	https://netzerocities.app/resource-4477	Document	21/02/2025	21/02/2025	Published	Awareness raising,Citizen participation,Social innovation,Stakeholder engagement,Systems innovation	Bresciani Sabrina	English	TRUE	Social innovation	18	17	FALSE		TRUE	Yes	FALSE	Adaptation needed (good to have)	Test overview of the pilot activities related to social innovation. Needs review to add an intro paragraph, give context, fix broken links, etc.
Guimarães City's Presentation for: Pilot Cities Programme Info Session 4: Inspirational Session with existing	https://netzerocities.app/resource-4038	Document	02/10/2023	02/10/2023	Published	Citizen participation,Finance,Governance policy,Social innovation,Stakeholder engagement	Morgan Ella	English	TRUE		407	228	FALSE		FALSE	no	FALSE	Remove Resource	The resource is a power point presentation of a pilot cities info session, but gives no context or explanation of what the session was about or further

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes	
											Views	Unique Views								
Pilot Cities - 26 September																			resources. Missing link to recording. Merge with https://netzerocities.app/resource-4035	
Bristol City's Presentation for: Pilot Cities Programme Info Session 4: Inspirational Session with existing Pilot Cities - 26 September	https://netzerocities.app/resource-4037	Document	02/10/2023	02/10/2023	Published	Citizen participation, Finance, Governance and innovation, Stakeholder engagement, policy, Social	Morgan Ella	English	TRUE			469	259	FALSE		FALSE	no	FALSE	Remove Resource	The resource is a power point presentation of a pilot cities info session, but gives no context or explanation of what the session was about or further resources. Missing link to recording. Merge with https://netzerocities.app/resource-4035
Nantes Métropole's Presentation for: Pilot Cities Programme Info Session 4: Inspirational Session	https://netzerocities.app/resource-4039	Document	02/10/2023	02/10/2023	Published	Citizen participation, Finance, Governance and innovation, Stakeholder engagement, policy, Social	Morgan Ella	English	TRUE			408	216	FALSE		FALSE	no	FALSE	Remove Resource	The resource is a power point presentation of a pilot cities info session, but gives no context or explanation of what the session was about or

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes	
											Views	Unique Views								
with existing Pilot Cities - 26 September																			further resources. Missing link to recording. Merge with https://netzerocities.app/resource-4035	
Pilot Cities Programme Info Session 4: Inspirational Session with existing Pilot Cities - 26 September	https://netzerocities.app/resource-4035	Video	02/10/2023	02/10/2023	Published	Citizen participation, Finance, Governance and innovation, Stakeholder engagement, policy, Social	Morgan Ella	English	TRUE			344	185	FALSE		FALSE	FALSE	Useful NZC Resource	The resource is a video recording of a PCP info session cohort 1. Could use an intro paragraph explaining what the info session was about (those unfamiliar with the PCP could not understand).	
FINANCE																				
Optimization of the mix of private and public funding to realise climate adaptation measures in Malmö	https://netzerocities.app/resource-31	Case Study	29/07/2022	29/07/2022	Published	Citizen participation, Finance, Stakeholder engagement	Nath (Frankfurt)	English	TRUE	finance, stakeholder engagement, sustainable urban development		639	421	TRUE		TRUE	yes, it is a case study	FALSE	Adaptation needed (good to have)	Very interesting case study, however not very user friendly design
Oslo Sustainable	https://netzerocities.app/resource-25	Case Study	29/07/2022	29/07/2022	Published	Citizen participation, Finance, Stakeholder engagement, Transport and mobility	Nath (Frankfurt)	English	TRUE	public procurement		667	423	TRUE		TRUE	yes, it is a	FALSE	Adaptation needed	Very interesting case study,

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Procurement strategy																case study		d (good to have)	however not very user friendly design
OTHER																			
Social Innovation: People-Based Solutions for Climate-Neutral Cities - Kick-off webinar Thursday 13th February 2025	https://netzerocities.app/resource-4475	Document	17/02/2025	17/02/2025	Published	Awareness raising,Citizen participation,Finance,Social innovation,Stakeholder engagement	Burnod Charlotte	English	TRUE	Social innovation, citizen engagement	76	68	TRUE		TRUE	Yes	FALSE	Useful NZC CE Resource	
NetZeroCities Online Discussion Groups Kick-Off - 25 September (SGA2 T1.5)	https://netzerocities.app/resource-4401	Video	26/09/2024	26/09/2024	Published	Citizen participation,Social innovation,Stakeholder engagement	Morgan Ella	English	TRUE	Citizen participation ,Social innovation,S stakeholder engagement	37	35	TRUE		TRUE		FALSE	Adaptation needed (good to have)	A short paragraph introducing the video and what cities can get out of it would be very useful
NetZeroCities Online Discussion Groups Kick-Off - 25 September (SGA2 T1.5)	https://netzerocities.app/resource-4400	Video	26/09/2024	26/09/2024	Published	Citizen participation,Social innovation,Stakeholder engagement	Morgan Ella	English	TRUE		36	35	TRUE	https://netzerocities.app/resource-4401	FALSE		FALSE	Remove Resource	It is a duplicate

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Climate Governance in Cities - Leading Societies Towards Climate Neutrality	https://netzerocities.app/resource-4326	Article	45533	45568	Published	Culture,Governance policy,Stakeholder engagement,Systems innovation and	Evergreen Lilybell	English	TRUE	Governance, citizen engagement	311	261	TRUE		TRUE	Yes	FALSE	Useful NZC CE Resource	
CCC Highlights - A Diverse Ecosystem of Supporters	https://netzerocities.app/resource-4265	Document	45466	45483	Published	Governance and policy,Social innovation,Stakeholder engagement,Systems innovation	Palmia Francesco	English	TRUE	Stakeholder engagement	435	362	TRUE		FALSE	Partially - more than a resource, the document provides information and figures of stakeholder engagement in labelled Cities	FALSE	Unsure if useful	
EU Sparks for Climate - Citizens Hackathon Championship	https://netzerocities.app/resource-4201	Document	17/05/2024	17/05/2024	Published	Citizen participation,Culture,Stakeholder engagement,Systems innovation,Climate resilience,Local resource,Energy,Technology	Yohler Evan	English	TRUE		224	218	FALSE		FALSE		FALSE	Remove Resource	Remove resource as it is a promotional flyer to the Citizens Hackathon Championship

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
																			p which took place in 2024.
Scientific publication "What Cities Want to Measure: Bottom-Up Selection of Indicators for Systemic Change toward Climate Neutrality Aligned with Sustainable Development Goals (SDGs) in 40 European Cities"	https://netzerocities.app/resource-4171	Document	14/04/2024	14/04/2024	Published	Awareness raising,Citizen participation,Governance and policy,Social innovation,Stakeholder engagement,Systems innovation,Analytics and modelling	Bresciani Sabrina	English	TRUE	MEL	204	196	TRUE		FALSE	Scientific article, not the most appropriate format for most portal users	FALSE	Useful NZC CE Resource	Scientific publication based on NZC Pilot Cities. Not sure the format is the most accessible, very dense. Would suggest creating an overview page with the list of scientific publications that came out of NZC. Not directly tied to CE.
Article "Guidelines for a participatory Smart City model to address Amazon's urban environment"	https://netzerocities.app/resource-4163	Document	06/04/2024	06/04/2024	Published	Citizen participation,Governance and policy,Social innovation,Stakeholder engagement,Technology	Gomes Da	English	TRUE		210	208	TRUE		FALSE	Scientific article, not the most appropriate format for most	FALSE	Useful NZC CE Resource	Scientific publication on urban environmental challenges in the Amazon. Suggestion to remove as it not a very accessible

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
ental problems "																portal users			format (very dense) and outside the geographic scope of NZC.
Book " Assessment Framework for People-Centred Solutions to Carbon Neutrality A Comprehensive List of Case Studies and Social Innovation Indicators at Urban Level"	https://netzerocities.app/resource-4172	Document	14/04/2024	14/04/2024	Published	Citizen participation, Social innovation, Stakeholder engagement, Systems innovation, Analytics and modelling	Bresciani Sabrina	English	TRUE	Social innovation	192	185	TRUE		FALSE	Scientific article, not the most appropriate format for most portal users	FALSE	Useful NZC CE Resource	Scientific publication based on NZC. Not sure the format is the most accessible, very dense. Would suggest creating an overview page with the list of scientific publications that came out of NZC. Not directly tied to CE.
Bresciani, S., Tjahja, C., Komatsu, T., & Rizzo, F. (2023). Social innovation for climate neutrality in cities: actionable	https://netzerocities.app/resource-4071	Document	15/12/2023	19/01/2024	Published	Citizen participation, Governance and innovation, Stakeholder engagement, Social policy	Morgan Ella	English	TRUE	Social innovation	423	226	TRUE		FALSE	Scientific article, not the most appropriate format for most portal users	FALSE	Useful NZC CE Resource	Scientific publication. Not sure the format is the most accessible, theory heavy. Article is about a specific conference track. Would suggest creating an overview

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
pathways for policymakers.																			page with the list of scientific publications that came out of NZC. Not directly tied to CE.
Bresciani, S., Tjahja, C., Komatsu, T., & Rizzo, F. (2023). Prototyping for Policy Making: Collaboratively Synthesizing Interdisciplinary Knowledge for Climate Neutrality.	https://netzerocities.app/resource-4070	Document	15/12/2023	19/01/2024	Published	Citizen participation, Governance and innovation, Stakeholder engagement, policy, Social	Morgan Ella	English	TRUE	Social innovation, design	572	289	TRUE		FALSE	Scientific article, not the most appropriate format for most portal users	FALSE	Useful NZC CE Resource	Scientific publication. Would suggest creating an overview page with the list of scientific publications that came out of NZC. Not directly tied to CE.
Bresciani, S., Rizzo, F., & Deserti, A. (2022). Toward a Comprehensive Framework of Social Innovation for	https://netzerocities.app/resource-4073	Document	15/12/2023	15/12/2023	Published	Citizen participation, Governance and innovation, Stakeholder engagement, policy, Social	Morgan Ella	English	TRUE	Social innovation	535	299	TRUE		FALSE	Scientific article, not the most appropriate format for most	FALSE	Useful NZC CE Resource	Scientific publication. Would suggest creating an overview page with the list of scientific publications that came out of NZC. Not

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Climate Neutrality : A Systematic Literature Review from Business/ Production, Public Policy, Environmental Sciences, Energy, Sustainability and																portal users			directly tied to CE.
Bresciani, S., Rizzo, F., & Deserti, A. (2022). Designing Systemic Change for Urban Ecosystems: A Framework for Assessing Social Innovation.	https://netzerocities.app/resource-4072	Document	15/12/2023	15/12/2023	Published	Citizen participation, Governance and innovation, Stakeholder engagement, policy, Social	Morgan Ella	English	TRUE	Social innovation	369	214	TRUE		FALSE	Scientific article, not the most appropriate format for most portal users	FALSE	Useful NZC CE Resource	Scientific publication. Would suggest creating an overview page with the list of scientific publications that came out of NZC. Not directly tied to CE.
Enabling Instruments	https://netzerocities.app/resource-2646	Article	16/09/2022	27/03/2023	Published	Awareness raising, Circular economy, Citizen participation, Education, Finance, Governance and policy, Social innovation, Stakeholder engagement, Awareness	Rodriguez Alonso	English	FALSE		1024	472	FALSE		FALSE		FALSE		

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
						raising,Circular economy,Citizen participation,Education,Finance,Governance and policy,Social innovation,Stakeholder engagement,Climate resilience,Nature based solutions,Climate resilience,Nature based solutions,Analytics and modelling,Energy,Technology,Transport and mobility,Analytics and modelling,Energy,Industry,Technology,Transport and mobility													
Grey water treatment (including Nature Based Solutions) and reuse	https://netzerocities.app/resource-2543	Factsheet	15/09/2022	07/02/2025	Published	Circular economy,Stakeholder engagement,Circular economy,Stakeholder engagement,Climate resilience,Nature based solutions,Water,Air quality,Climate resilience,Nature based solutions,Water,Building,Building	López-fernández Raquel	English	FALSE		13724	10305	FALSE		FALSE		FALSE		Not a CE resource
Reduction of raw materials, waste and integration of secondary materials	https://netzerocities.app/resource-2532	Factsheet	15/09/2022	30/07/2024	Published	Circular economy,Awareness raising,Circular economy,Citizen participation,Finance,Funding,Governance and policy,Stakeholder engagement,Awareness raising,Circular economy,Citizen participation,Finance,Funding,Governance and policy,Stakeholder engagement,Awareness raising,Circular economy,Citizen participation,Finance,Funding,Governance and policy,Stakeholder engagement,Awareness raising,Circular economy,Citizen participation,Education,Finance,Funding,Governance and policy,Stakeholder engagement,Climate resilience,Waste,Climate resilience,Waste,Climate resilience,Waste,Climate	López-fernández Raquel	English	TRUE		912	531	TRUE		TRUE	yes, it provides information/inspiration	FALSE		Not a CE resource - but a CE lense would be great!

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes	
											Views	Unique Views								
						resilience,Local resource,Waste,Climate resilience,Local resource,Waste,Industry,Technology,Industry,Technology,Industry,Technology,Industry,Technology,Industry,Technology														
Efficient treatment and reuse of un-segregated water at building level	https://netzerocities.app/resource-2554	Factsheet	15/09/2022	03/05/2023	Published	Circular economy,Stakeholder engagement,Circular economy,Citizen participation,Stakeholder engagement,Climate resilience,Soil,Waste,Water,Climate resilience,Green areas,Nature based solutions,Soil,Waste,Water,Building ,Building,Energy	López-fernández Raquel	English	TRUE			568	291	TRUE		TRUE	yes, it provides information/inspiration	FALSE		Not a CE resource - but a CE lense would be great!
Plastic waste management	https://netzerocities.app/resource-2421	Factsheet	15/09/2022	03/05/2023	Published	Awareness raising,Circular economy,Citizen participation,Stakeholder engagement,Climate resilience,Waste,Materials	López-fernández Raquel	English	TRUE			785	425	TRUE		TRUE	yes, it provides information/inspiration	FALSE		Not a CE resource - but a CE lense would be great!
Circular Food Systems	https://netzerocities.app/resource-2604	Factsheet	15/09/2022	03/05/2023	Published	Circular economy,Citizen participation,Stakeholder engagement,Awareness raising,Circular economy,Citizen participation,Governance and policy,Stakeholder engagement,Awareness raising,Circular economy,Citizen participation,Governance and policy,Stakeholder engagement,Food,Climate resilience,Food,Health,Local resource,Soil,Waste,Climate resilience,Food,Health,Local resource,Soil,Waste,Materials,Materials	López-fernández Raquel	English	TRUE			703	367	TRUE		TRUE	yes, it provides information/inspiration	FALSE		Not a CE resource - but a CE lense would be great!

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Circular Economy	https://netzerocities.app/resource-2615	Article	15/09/2022	03/10/2022	Published	Awareness raising,Circular economy,Citizen participation,Stakeholder engagement,Awareness raising,Circular economy,Citizen participation,Stakeholder engagement,Climate resilience,Food,Local resource,Nature based solutions,Soil,Waste,Water,Climate resilience,Food,Green areas,Health,Local resource,Nature based solutions,Soil,Waste,Water,Analytics and modelling,Building,Energy,Industry, Materials,Sustainable fuel,Technology,Analytics and modelling,Building,Energy,Industry, Materials,Sustainable fuel,Technology,Transport and mobility	López-fernández Raquel	English	TRUE		1266	754	TRUE		TRUE		FALSE	Adaptation needed (good to have)	Currently very tech perspective, but very central to CE - adaptation to bring in CE would be very important to show the social aspects of how to share data!
Data and Solution Catalogues	https://netzerocities.app/resource-2095	Factsheet	14/09/2022	05/05/2023	Published	Citizen participation,Governance and policy,Stakeholder engagement,Climate resilience,Analytics and modelling,Technology	Rodriguez Alonso	English	TRUE	Analytics and modelling,Technology	552	280	TRUE		TRUE		FALSE	Adaptation needed (good to have)	Currently very tech perspective, but very central to CE - adaptation to bring in CE would be very important to show the social aspects of how to share data!
Municipal solid waste separation	https://netzerocities.app/resource-2169	Factsheet	14/09/2022	03/05/2023	Published	Awareness raising,Circular economy,Stakeholder engagement,Climate resilience,Food,Waste	López-fernández Raquel	English	TRUE	waste	715	422	TRUE		TRUE	yes, it provides inspiration	FALSE	Useful NZC CE Resource	

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
source: pay as you throw																			
Mobility hubs	https://netzerocities.app/resource-488	Factsheet	06/09/2022	02/05/2023	Published	Citizen participation, Governance and engagement, Climate resilience, Transport and mobility	Rodriguez Alonso	English	FALSE		959	570	FALSE		FALSE		FALSE		Rather fits to DWG Mobility
LIFE	https://netzerocities.app/resource-77	Article	03/08/2022	03/08/2022	Published	Finance, Funding, Stakeholder engagement	Nath (frankfurt)	English	TRUE	funding	438	220	FALSE		FALSE		FALSE	Unsure if useful	Not a CE resource (but still questionable whether useful)
									FALSE				FALSE		FALSE		FALSE		
OVERVIEW PAGES	-								FALSE				FALSE		FALSE		FALSE		
Citizens and urban stakeholders	https://netzerocities.app/resource-4248	Toolkit / Resource Compilation	16/06/2024	06/02/2025	Published	Citizen participation, Stakeholder engagement	Bresciani Sabrina	English	TRUE	Overview page of NZC CE Resources	635	488	TRUE		TRUE		FALSE	Top NZC CE Resource	This Resource should be adapted after our screening process to include a list of Top NZC CE Resources
Citizen and Stakeholder Engagement Services	https://netzerocities.app/resource-4153	Toolkit / Resource Compilation	15/03/2024	30/05/2024	Published	Citizen participation, Culture, Education, Governance and policy, Social innovation, Stakeholder engagement, Systems innovation	Demos, RNC, Energy Cities, Demsoc	English	TRUE	Overview page of NZC CE Resources	923	567	TRUE	yes, the page above does also provide an overview over resources.	TRUE	yes	FALSE	Remove Resource	suggestion to remove resource, as the page above also provides an overview of NZC CE Resources (and a more comprehensive one)

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
Social Innovation Actionable Pathways - map with links to case studies	https://netzerocities.app/resource-4104	Toolkit / Resource Compilation	06/02/2024	06/02/2024	Published	Social innovation, Stakeholder engagement	Bresciani Sabrina	English	TRUE		616	450	TRUE		TRUE	yes	FALSE	Useful NZC CE Resource	Great overview of practical actions and case studies for social innovation from prepare - act - to accelerate; This would be a top NZC Resource if the design was more user friendly - is it e.g. possible to make this page more visual? Let's reach out to Polimi in the scope of SGA2
Citizens and urban stakeholder collection : co-create the portfolio	https://netzerocities.app/resource-2900	Toolkit / Resource Compilation	30/09/2022	20/04/2023	Published	Citizen participation, Governance and policy, Stakeholder engagement	demsoc	English	TRUE		783	362	TRUE	yes, Resource in line 218 also provide an overview over resources.	TRUE	yes	FALSE	Remove Resource	suggestion to remove resource, as the page in line 218 also provides an overview of NZC CE Resources (and a more comprehensive one)
CITIZENS AND URBAN	https://netzerocities.app/resource-2903	Toolkit / Resource	30/09/2022	24/11/2022	Published	Stakeholder engagement, Climate resilience	Ayiwe Emonie	English	TRUE		637	293	TRUE	yes, Resource in	TRUE	yes	FALSE	Remove	suggestion to remove resource, as

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
STAKEHOLDER COLLECTION: UNDERSTAND THE SYSTEM		ce Compilation												line 218 also provide an overview over resources.				Resource	the page in line 218 also provides an overview of NZC CE Resources (and a more comprehensive one)
CITIZENS AND URBAN STAKEHOLDER COLLECTION: LEARN AND REFLECT	https://netzerocities.app/resource-2905	Toolkit / Resource Compilation	30/09/2022	16/11/2022	Published	Awareness raising,Citizen participation,Education,Stakeholder engagement,Air quality,Climate resilience,Health,Water	Ayiwe Emonie	English	TRUE		530	258	TRUE	yes, Resource in line 218 also provide an overview over resources.	TRUE	yes	FALSE	Remove Resource	suggestion to remove resource, as the page in line 218 also provides an overview of NZC CE Resources (and a more comprehensive one)
CITIZENS AND URBAN STAKEHOLDER COLLECTION: TAKE ACTION	https://netzerocities.app/resource-2902	Toolkit / Resource Compilation	30/09/2022	19/10/2022	Published	Circular economy,Citizen participation,Social innovation,Stakeholder engagement,Climate resilience,Transport and mobility	Ayiwe Emonie	English	TRUE		664	314	TRUE	yes, Resource in line 218 also provide an overview over resources.	TRUE	yes	FALSE	Remove Resource	suggestion to remove resource, as the page in line 218 also provides an overview of NZC CE Resources (and a more comprehensive one)
CITIZENS AND URBAN STAKEHOLDER	https://netzerocities.app/resource-2901	Toolkit / Resource	30/09/2022	13/10/2022	Published	Citizen participation,Culture,Governance and policy,Stakeholder engagement,Climate resilience	Ayiwe Emonie	English	TRUE		525	257	TRUE	yes, Resource in line 218	TRUE	yes	FALSE	Remove Resource	suggestion to remove resource, as the page in line 218 also

Title	Resource Link	Type	Create	Update	State	Associated Tags	Author	Language	Is the resource aligned with NZC objectives?	Which topic does the resource tackle?	How many views does this resource have?		Is the content clear, structured, and professional?	Link here any potential Duplicates	Is the resource addressing city needs (practical)?	Do you understand how you could use the resource (usable)?	Is there need for expert facilitation?	Suggestion for this Resource	Notes
											Views	Unique Views							
COLLECTION: MAKE IT THE NEW NORMAL		Compilation												also provide an overview over resources.					provides an overview of NZC CE Resources (and a more comprehensive one)
CITIZENS AND URBAN STAKEHOLDER COLLECTION: BUILD A STRONG MANDATE	https://netzerocities.app/resource-2899	Toolkit / Resource Compilation	30/09/2022	30/09/2022	Published	Citizen participation, Stakeholder engagement	Demsoc	English	TRUE		790	372	TRUE	yes, Resource in line 218 also provide an overview over resources.	TRUE	yes	FALSE	Remove Resource	suggestion to remove resource, as the page in line 218 also provides an overview of NZC CE Resources (and a more comprehensive one)

AWAITING APPROVAL