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Bauhaus Bites Monitoring & Evaluation Guide

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Table of Contents

Bauhaus Bites Monitoring & Evaluation Guide	1
Table of Contents	2
Project Information	3
Document Information	4
Executive Summary	6
List of Abbreviations	7
1. Introduction	8
2. Conceptual roadmap for monitoring and evaluation	13
3. Summary of Project outcomes and impacts	16
4. Identifying bottom-up indicator metrics	18
5. Classification of bottom-up indicators	25
Linking city metrics and thematic indicators with the project level	27
Tailor-Made Monitoring Template for Each City	29
City Monitoring and Evaluation throughout the project	31
Table of Figures	33
Appendix	34

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Nature-Based Solutions and New
European Bauhaus

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Ostende, Municipality of Fundão, EAT, Centre for
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Executive Summary

This Monitoring & Evaluation (M&E) Guide provides a flexible, science-based framework to support Bauhaus Bites Trailblazer and Twin Cities in tracking progress toward their local goals while contributing to the overarching project ambitions of system-level transformation through food, nature, and design. Grounded in a bottom-up approach, the Guide enables each city to co-develop measurable, context-sensitive indicators aligned with their action plans, using participatory methods to translate qualitative ambitions into quantifiable metrics. These local metrics are thematically classified to connect with broader frameworks such as the New European Bauhaus (NEB), Nature-Based Solutions (NBS), and sustainable food system transformation, and contribute to the BB Vision of impact across people, places, and policies. The Guide also lays the foundation for harmonised reporting across cities through tailored templates, supports the establishment of project-wide baselines, and applies Open Science principles to ensure transparency, comparability, and collaboration. While WP6 leads this framework at the city level, it collaborates with other project partners to contribute to broader impact evaluation efforts.

List of Abbreviations

EU	European Union
ESG	Environmental, Social, & Governance
GDPR	General Data Protection Regulations
EU	European Union
ESG	Environmental, Social, & Governance
GDPR	General Data Protection Regulations
EU	European Union
ESG	Environmental, Social, & Governance
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ESG	Environmental, Social, & Governance
GDPR	General Data Protection Regulations

1. Introduction

1.1 Existing Indicator Frameworks and the Need for a Grassroots-Oriented Monitoring & Evaluation Approach

A variety of indicator frameworks have emerged to monitor sustainability transitions across cities, food systems, and innovation ecosystems. These include policy-oriented instruments such as the EU Food System Monitoring Framework, concept-driven models like the Sustainability Compass, and practice-focused tools, including the FoodSHIFT2030 indicators, the WWF One Planet City Challenge, and the CrAFt NEB Impact Model. Each framework offers valuable contributions, from science-based tracking of environmental performance to the integration of aesthetics, inclusion, and community value in urban innovation.

However, despite their individual strengths, these frameworks remain disjointed, incompatible, and often challenging to operationalise at the local level. Most are designed for institutional reporting, policy evaluation, or scientific coherence at national or European scales. While they play an essential role in shaping high-level direction and accountability, they often lack the simplicity, adaptability, and contextual relevance required by grassroots actors operating in Living Labs. In these very spaces, experimentation, participatory governance, and cultural transformation are underway.

For instance, the [EU Food System Monitoring Framework](#) integrates over 60 indicators to track progress across sustainability domains. Yet, it is

predominantly geared toward Member State reporting and lacks operability for local-level experimentation. Similarly, from literature, the [Sustainability Compass For policy navigation to sustainable food systems](#) provides a holistic conceptual map for food system transformation. Still, it remains abstract mainly and not easily translatable into everyday evaluation practices by community actors. [The WWF One Planet City Challenge](#) uses a robust scoring and confidence assessment system to benchmark cities' climate actions, but it has a tendency to presuppose data reporting capacities that many Living Labs do not possess.

Even participatory and localized frameworks, such as [the FoodSHIFT2030 indicators](#), which were co-designed with nine urban food labs, revealed challenges in balancing scientific robustness with local usability. Likewise, the [CrAft NEB Impact Model](#) offers a flexible, dialogue-oriented tool to align actions with NEB values, yet it is primarily a reflection instrument for institutions rather than an operational framework for grassroots actors. And while the paper presenting [A Harmonized KPIs for Evaluating Living Labs](#) introduced by the VITALISE project enhance cross-lab comparability, they focus on innovation system performance rather than supporting locally led sustainability transitions.

This recognition underscores the necessity for a new type of Monitoring & Evaluation approach, one that empowers grassroots actors, supports reflexive learning, and maintains traceability from local experimentation to systemic impact. The Monitoring & Evaluation Guide proposed in this project directly responds to that gap, translating complexity into usable tools for cities and communities. This approach is not a replacement for existing frameworks but a complementary layer that bridges the grassroots

and the institutional, the experimental and the scientific, making the invisible work of local transformation both visible and valuable within broader transition processes.

In response to these findings, the WP6 team in the Bauhaus Bites EU project are developing a custom, fit-for-purpose Monitoring and Evaluation template that integrates:

- City-derived metrics, reflecting the realities and priorities of participating Living Labs.
- Project-specific KPIs, tied to overarching goals and expected impacts.
- Thematic indicator categories, enabling synthesis across experimental domains.
- Future-readiness, ensuring the framework is scalable and adaptable for replication.

This hybrid methodology balances flexibility with rigour, enabling each city to track progress in a way that is both meaningful locally and traceable systemically. In doing so, it advances a new model for evaluating urban experimentation, one that is grounded in practice, aligned with policy, and responsive to the emerging needs of transformative initiatives.

1.2 Objectives

The purpose of this Monitoring & Evaluation Guide is to provide a structured, science-based yet flexible framework to support Bauhaus Bites (BB) Trailblazer and Twin Cities in monitoring, evaluating, and reporting on their unique, locally defined goals, while maintaining alignment with the overarching objectives of the BB project. As the foundational output of

Work Package 6 (WP6), the Guide is focused specifically on enabling Living Labs to track their own progress using indicators that are practical, meaningful, and connected to shared project priorities.

Within this scope, the Monitoring and Evaluation Guide pursues the following specific objectives:

- Support Trailblazer and Twin Cities in developing tailored monitoring frameworks, allowing each city to assess their local initiatives and interventions through the lens of its own priorities and the BB project's shared vision.
- Facilitate the needs-based identification of metrics and science-based KPIs, drawing from existing frameworks where relevant, and co-developing new ones as needed in partnership with cities.
- Ensure consistency and comparability by linking local indicators with a core set of shared project KPIs, without centralising responsibility for overall project-wide synthesis.
- Provide a structured template for annual monitoring, supporting the delivery of the D6.2 Monitoring & Evaluation Reports, while ensuring cities can reflect on and communicate their evolving impact.
- Support the establishment of baseline conditions in each city and for the project as a whole, to enable evidence-based tracking of changes over time.
- Assist cities in designing regionally relevant data collection procedures, tailored to available resources, local context, and key stakeholders.
- Incorporate Open Science principles, ensuring all monitoring data and resources developed through WP6 are accessible, transparent, and aligned with the project's research data management protocols (Section 1.2.5).

- Other WPs can use the subsequent WP6 Monitoring and Evaluation reports to inform and quantify project-level KPIs and impact evaluation, which may include innovation documentation (WP8) and playbook development (WP7).

2. Conceptual roadmap for monitoring and evaluation

WP6's Monitoring and Evaluation process will operate dynamically to understand the cities' intervention plans, providing both tools and guides to support direct monitoring, as well as indicators and metrics to analyse post-intervention outcomes and linkages to the broader project's impact.

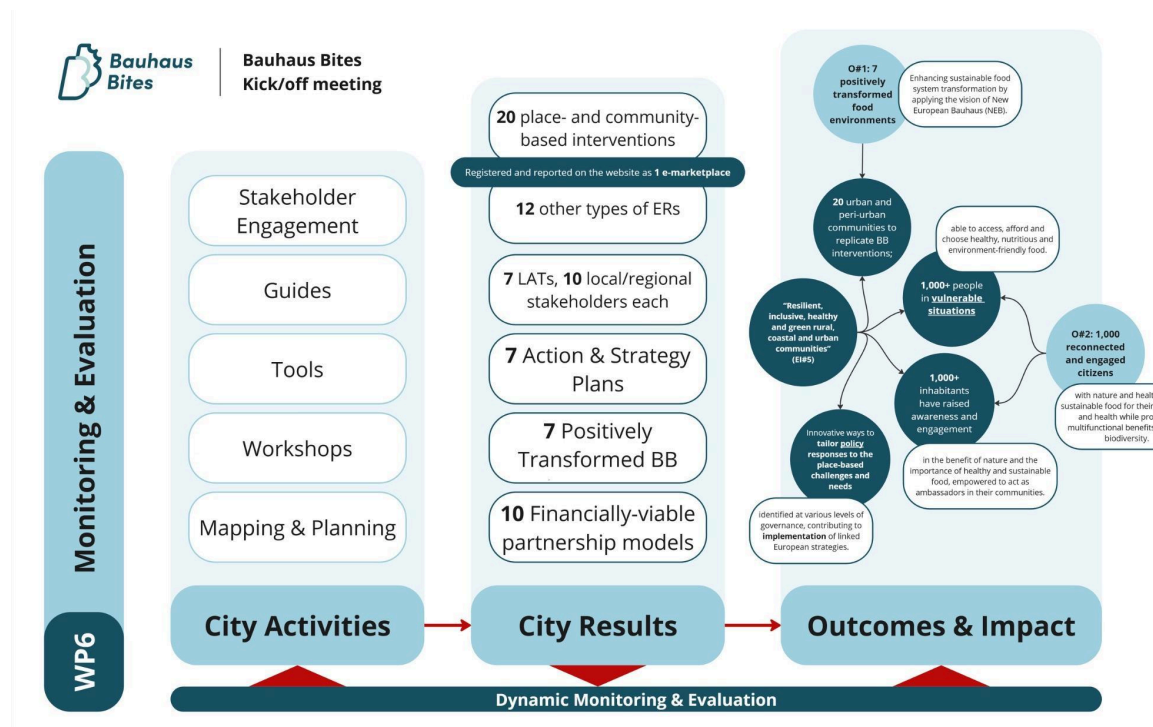


Figure 1: The kick-off meeting planning for WP6 and the complete monitoring and evaluation development

This figure illustrates the WP6 workflow. On the left are the city activities, which are outlined in the seven city action plans. Based on these and in dialogue with WP6, each city develops its own bottom-up metrics to measure its objectives quantitatively. Importantly, the actual measuring and data collection is the responsibility of the cities and should be

manageable within project resources. During the dialogue, WP6 ensures the city's measurable metrics remain on target and aligned with results and project-level objectives listed in the call text. Additional steps to classify and link the bottom-up metrics with project-level KPIs and broader NEB, NBS, and SFS frameworks will be taken in collaboration with other impact-focused BB partners. See Section 5.1 and the appendix monitoring template for guidance on how this can proceed.

Foundation: A Bottom-Up, City-Driven Approach

The Monitoring and Evaluation Guide has been developed using a bottom-up methodology, prioritising the realities, priorities, and interventions outlined in each city's action plan. Rather than imposing a top-down indicator framework, the WP6 team engaged directly with cities (especially the trailblazers) to extract metrics that reflect the actual work being done on the ground. This ensures that monitoring is not only relevant but also feasible for local teams, increasing buy-in and data accuracy.

This approach leverages the principle that meaningful evaluation begins with the lived practices of project implementers, enabling better contextual alignment and more robust aggregation of impacts across diverse urban environments.

Structure of the Monitoring and Evaluation Guide

The Monitoring and Evaluation Guide is supported by two core elements:

1. Inputs from City Action Plans and Updated Project Vision (D1.1):

The starting point for the monitoring framework is each city's action plan, which outlines proposed interventions, objectives, and

expected outcomes. These are then mapped against the updated project vision as articulated in Deliverable D1.1, ensuring that monitoring efforts remain aligned with the evolving direction of the Bauhaus Bites initiative.

2. Alignment with Project-Level Key Performance Indicators (KPIs):

Local actions are systematically translated into indicator categories that contribute to overarching project KPIs. This alignment creates a multi-scalar evaluation framework; each city's contributions feed upward into a cohesive project-wide impact narrative without losing the specificity of local contexts. Included here are alignments with the communication, dissemination and exploitation (CDE) targets from WP7 as well as the CDE plans from each of the trailblazers and twin cities.

3. Summary of Project outcomes and impacts

The project-level metrics, as defined in Deliverable 1.1 and visualized in the accompanying figure, provide a structured framework for assessing progress across four interlinked levels: Vision, Outputs, Outcomes, and Impacts. The updated vision articulates a transformative agenda for embedding sustainable food into public, urban, and rural spaces through culturally diverse, community-driven, and environmentally conscious interventions. Tangible outputs include the development of action plans, transformed food environments, stakeholder networks, partnership models, and digital platforms. These feed into targeted outcomes such as citizen engagement with sustainable food systems and the creation of multifunctional, biodiversity-enhancing environments. Ultimately, the intended impacts are systemic: fostering resilient and inclusive communities, replicating interventions across diverse urban and rural settings, and improving access to healthy, sustainable food, particularly for vulnerable populations. This multilevel logic model forms the backbone for WP6 Monitoring and Evaluation Guide, linking local actions to broader project ambitions under the New European Bauhaus vision.

BB project level metrics

VISION (updated from D1.1)	Integrate sustainable food into the design of public, urban, and rural spaces, embedding the food system as a core consideration in all place-based transformations.
	Make seasonal, and sustainable food more affordable, attractive, available, and accessible by creating a circular system with relevant actors and emphasizing on local production.
	Encourage people to choose healthier, nutritious, and environmentally friendly food.
	Foster self-sufficiency to address food security challenges.
	Enhance existing green spaces to support local food production, improve biodiversity, climate adaptation, and increase quality of life.
	Strengthen local networks, communities, and stakeholder ecosystems to foster active participation in the local food environment/food production.
	Rethink traditional food environments to adapt to climate change while preserving unique qualities, history, and potential, fostering a sense of belonging, pride, and community ownership.
	Build awareness and understanding of culturally diverse food as well as dietary diversity beyond culture, together with communities and their ambassadors.
	Nurture positive food environments that bring people together around food to strengthen community and social resilience.
	Involve communities and empower grassroots in co-creative-democratic-changemaking development processes.
OUTPUTS	Use artistic and cultural interventions to engage stakeholders from diverse disciplines, interests, cultures, and ages, reaching new audiences and fostering innovation.
	7 Action & Strategy Plans
	7 positively transformed BB Food Environments
	7 LATs, 10 local/regional stakeholders each
	10 financially-viable partnership models
OUT-COMES	20 place- and community-based interventions and 12 other types of ERs registered and reported on the BB website as 1 e-marketplace
	O#1: 7 positively transformed food environments that enhance sustainable food system transformation by applying the vision of New European Bauhaus (NEB).
IMPACTS	O#2: 1,000 reconnected and engaged citizens with nature and healthy and sustainable food for their well-being and health while providing multifunctional benefits, such as biodiversity.
	Resilient, inclusive, healthy and green rural, coastal and urban communities" (EI#5)
	20 urban and peri-urban communities to replicate BB interventions.
	Innovative ways to tailor policy responses to the place-based challenges and needs identified at various levels of governance, contributing to implementation of linked European strategies.
	1,000+ people in vulnerable situations able to access, afford and choose healthy, nutritious and environment-friendly food.
	1,000+ inhabitants have raised awareness and engagement in the benefit of nature and the importance of healthy and sustainable food, empowered to act as ambassadors in their communities.

Figure 2: The project-level KPIs and vision in table format

4. Identifying bottom-up indicator metrics

A central pillar of WP6's Monitoring & Evaluation approach is the development of locally grounded, bottom-up indicators that reflect the specific ambitions, priorities, and contexts of each participating city. Rather than imposing a one-size-fits-all evaluation framework, WP6 facilitates a participatory process through which cities co-define meaningful, measurable metrics that are both relevant to their local activities and aligned with the overarching goals of the Bauhaus Bites project.

To operationalise this bottom-up methodology, a series of 1-to-1 dialogue meetings were conducted in May 2025 with each of the three Trailblazer cities and four Twin cities. These consultations served as a structured yet open format for exploring how the qualitative elements of each city's action plan, ranging from social inclusion to circular food innovation, could be translated into practical, quantifiable indicators.

This co-development process focused on several key principles:

- **Local Relevance:** Indicators were derived from the actual interventions and intended outcomes in each city, ensuring they reflect local realities, capabilities, and aspirations.
- **Context Sensitivity:** The dialogue process acknowledged and worked within each city's unique challenges, opportunities, and planning frameworks, avoiding overly abstract or externally imposed metrics.

- **Project Alignment:** While tailored to local contexts, each set of indicators was interpreted in relation to the broader WP6 and BB project objectives, creating traceability between local actions and shared outcomes.
- **Flexibility and Iteration:** The resulting indicators are considered a working set, open to refinement as city plans evolve, and as new insights emerge through implementation.

Early outputs from these meetings include a diverse set of preliminary indicators, reflecting themes such as food literacy, urban space activation, social equity and participation, circular food practices, and cultural expression. These indicators not only help cities track their progress but also contribute to the cumulative knowledge base of the BB project by capturing rich, place-based experimentation in ways that can be compared, scaled, or adapted across sites.

Below are three examples of the preliminary measurable metrics identified in the first three 1-to-1 dialogues with trailblazers

4.1. Trailblazer City Birmingham

Governance

- Number of stakeholders who complete the Bauhaus Bites expression of interest form
- Number and types of stakeholders participating in the Bauhaus Bites Partnership, Bauhaus Bites Action Group, and signed up to the emailing list
- How many stakeholder presentations are delivered and to what audience

Objective 1: Unite a diverse community through social spaces and food

- Number and type of community assets identified and mapped

- Number of community members engaged in mapping
- Number of stakeholder organisations involved in mapping
- Representation of community assets across priority neighbourhoods
- Percentage of mapped assets actively engaged in food or social initiatives
- Frequency of use of mapped community spaces for food-related activities and events
- Number of stakeholders (groups, organisations, individuals) engaged
- Number of new or strengthened partnerships and collaborations
- Diversity of participants engaged (age, cultural background, gender)
- Number of community-led food initiatives delivered in identified spaces
- Percentage of participants reporting increased social connections or sense of belonging
- The percentage of food offered in community spaces that is healthy and sustainable
- Number of repeat or ongoing activities in community spaces
- Level of community satisfaction with the asset-mapping framework and its application
- Number of funding or resource opportunities secured to support asset activation
- Number of stakeholders involved with community participatory decision-making processes
- The number of community spaces that are provided funding to strengthen NEB principles
- Representation of community spaces that receive funding across priority neighbourhoods
- Strength of alignment of community spaces with NEB principles
- Percentage of funded projects led by, or serving, underrepresented groups

- Number of beneficiaries reached by community spaces utilising NEB principles
- Increase in food access or provision capacity in community spaces
- Percentage of community spaces reporting increased community use or engagement
- Level of community satisfaction with community spaces

Objective 2: Support diversity in growing as a nature-based solution

- Number of culturally diverse crops in the Culturally Diverse Food Growing Database
- Number of people accessing the Culturally Diverse Food Growing Database
- Percentage of users reporting that the Culturally Diverse Food Growing Database helped them grow culturally diverse foods
- Percentage of community growers reporting increased knowledge or confidence in growing culturally diverse foods
- Level of community satisfaction with the Culturally Diverse Food Growing Database
- Number of people and projects that receive guidance on soil testing methods
- Number of urban soil quality tests conducted
- Soil quality indicators in community growing spaces
- Number of stakeholders who participate in the development of the Community Land Use Exploration report
- Species diversity of crops grown in community growing spaces
- Number of nutrient-dense crops grown in community growing spaces

Objective 3: Increase food system literacy and utilise creative arts to empower communities

- Number of people and organisations involved with developing the Food System Literacy Progression Framework
- Diversity of perspectives and experiences of those involved with developing the Food System Literacy Progression Framework
- Level of community satisfaction with the Food System Literacy Progression Framework
- Number of projects delivered that utilise innovative and arts-based strategies to increase food system literacy
- Number of food system literacy resources produced
- Number of community members reporting enhanced food system literacy

Objective 4: Develop a legacy where NEB principles are embedded into community spaces and the diversity of communities and food is celebrated

- Number of people and organisations involved with co-producing a Bauhaus Bites Community Space resource
- Number of NEB/NBS/SFS principles embedded within the Bauhaus Bites Community Space resource
- Level of community satisfaction with the Bauhaus Bites Community Space resource
- Degree of co-creation across linked objectives, including community food hubs, community gardens and food literacy innovations
- Number of community spaces that receive the Bauhaus Bites Community Space resource

4.2. Trailblazer City Fundão

Objective 1: Transform the Municipal Market into a Food Lab

- SQM of space renovated and used
- Number and type of hosted events
- Engagement of students and cultural mediators
- % of community design suggestions implemented
- User satisfaction scores (beauty, function, inclusivity)
- Monthly/yearly visitor count estimates
- Number of underrepresented groups accessing the space

Objective 2: Enhance food literacy and community education

- Number of talks/workshops delivered
- Schools, libraries, and associations are involved
- Total participants and demographic breakdown

Objective 3: Connect local food systems with digital and circular tools

- User statistics for 'Produtos do Fundão' platform (visits, producers, interactions)
- Number of new connections between the platform and the Food Lab
- Market access statistics (products sold nationally/internationally)
- Blockchain traceability for cherries and other local products (e.g. meat, cheese, almonds)

Objective 4: Celebrate cultural diversity through food and storytelling

- Number of culinary and cultural events held
- Representation of ethnic/cultural groups
- % of co-designed events with migrants/youth
- Stories/narratives collected and shared

- Media engagement and collaborations with chefs/artists

4.3. Trailblazer City Zagreb

Objective 1: Promote accessibility and inclusion in urban gardening

- Number of participatory design workshops for accessibility
- Number of users with disabilities or disadvantages
- Types and numbers of expert stakeholders involved
- Accessibility satisfaction scores (from existing tools)
- Number of user feedback integrated into planning

Objective 2: Foster social cohesion and intergenerational connection

- Demographic diversity in co-creation activities
- Partnerships with housing blocks, care centres
- Number of intergenerational events (e.g., cooking, storytelling)
- Frequency of group gardening across generations

Objective 3: Leverage green spaces for inclusive food education

- SQM of public land repurposed for gardening
- SQM of land redesigned with NEB principles
- Number of co-designed natural elements implemented
- Multisensory design features for inclusivity (tactile, olfactory, visual)

5. Classification of bottom-up indicators

To support a coherent and cross-comparable evaluation framework, the preliminary indicators gathered from trailblazer cities were systematically categorised into thematic classifications. This thematic mapping bridges the diversity of local contexts with the overarching structure of the WP6 Monitoring and Evaluation framework. The classification process was grounded in the content and intent of the city-level indicators, grouping them into 16 categories that reflect key dimensions of the Bauhaus Bites project, ranging from stakeholder co-creation and education to food literacy, digital innovation, and equity.

The figure below illustrates the number of indicators currently associated with each thematic area, highlighting Stakeholder Engagement & Co-Creation, Education & Capacity Building, and Equity, Inclusion & Cultural Diversity as the most populated domains. This taxonomy will help ensure that future monitoring is thematically balanced, strategically aligned, and adaptable for project-wide synthesis. It will be further expanded once all cities have finalised their action plans and developed corresponding bottom-up indicator metrics, resulting in a more comprehensive and representative classification structure.

Indicator thematic classification	No.
Cross-Cutting Impact & Strategic Integration	2
Design Quality & Aesthetic Experience	2
Digital Innovation & Transparency	2
Education & Capacity Building	7
Equity, Inclusion & Cultural Diversity	6
Food Diversity	1
Food Literacy & Cultural Identity	6
Healthy soils	1
Local Communication & Outreach	2
Replicability & Scalability	1
Social Cohesion & Trust	5
Stakeholder Engagement & Co-Creation	12
Strengthening Partnerships	4
Sustainable Food Economy	3
Urban Infrastructure & Space Activation	4

Table 1: The first taxonomy indicator classifications extracted directly from the Trailblazer Cities' bottom-up approach

Linking city metrics and thematic indicators with the project level

The Monitoring & Evaluation framework developed in WP6 is grounded in bottom-up metrics that emerge from each city's specific interventions, priorities, and local contexts. However, a critical function of this process is to ensure that these city-level indicators are not only useful locally but also meaningfully connected to the overarching goals of Bauhaus Bites, namely, to contribute to systemic transformation through people, places, and policies.

By classifying indicators thematically, WP6 aims to support the systematic interpretation of locally derived data in ways that inform broader understanding, facilitate cross-site learning, and enable shared impact storytelling. However, it is important to note that:

- The initial thematic groupings are provisional and subject to change, pending finalisation of each city's action plan and indicator set.
- Linking indicators to NEB, NBS, and food system frameworks requires a stable foundation, which will only be possible once cities' metrics are finalised.
- Not all city indicators will map neatly onto project-wide categories, and part of the value of this exercise lies in revealing gaps, tensions, and innovation pathways that cannot be captured through predefined frameworks.

Critically, the linking of city-level indicators with project-level metrics and impacts is not solely the responsibility of WP6. This work is undertaken in close collaboration with other project partners responsible for impact evaluation, NEB framework integration (NTNU), CDE metrics, and Playbook development (WP7). WP6 contributes to this effort by generating robust, structured, and well-documented local data, and by testing ways in which bottom-up knowledge production can inform systemic insights.

In this way, the Monitoring & Evaluation process is not just a reporting tool, but a mechanism for scaling understanding, informing adaptive strategy, and positioning Living Labs as legitimate contributors to transformation across people, places, and policies.

Tailor-Made Monitoring Template for Each City

To operationalise the WP6 monitoring framework at the local level, a tailor-made monitoring template has been developed for each trailblazer city. These templates will include both qualitative and quantitative sections. The monitoring templates are designed to capture, track, and evaluate city-specific interventions while maintaining alignment with the overarching Bauhaus Bites project logic model.

- Each template consolidates the full scope of monitoring and evaluation inputs to date, including:
- Bottom-up indicator metrics were developed through 1-to-1 dialogue meetings with cities.
- Thematic classifications aligned with WP6's overarching taxonomy.
- Structured fields for quantitative data across the three monitoring cycles (M13, M25, M36).

A comprehensive evaluation matrix linking each indicator to its contribution toward project Outputs, Outcomes, Impacts, and the updated Vision (as defined in Deliverable 1.1). This integrated structure enables each city to document progress in a consistent yet context-sensitive manner, while ensuring that local efforts contribute to a cohesive, project-wide evaluation framework.

The first draft of qualitative and quantitative monitoring templates for the three trailblazer cities —Birmingham, Fundão, and Zagreb —is included in the appendix. These drafts represent a working version and are subject to

change pending the finalisation of each city's action plan. As cities complete their plans and begin implementation, these templates will be updated to reflect the final set of interventions, indicators, and monitoring requirements.

This flexible, iterative approach ensures that the monitoring tools remain fit for purpose and responsive to both local developments and Horizon Europe's evaluation standards.

City Monitoring and Evaluation throughout the project

To ensure continuous, transparent, and evidence-based assessment of progress at the local level, the WP6 framework includes a structured monitoring and evaluation cycle for each participating city. This cycle is embedded within the tailor-made monitoring templates. It supports cities in systematically tracking the development and impact of their interventions over the whole duration of the Bauhaus Bites project.

Each city will report against a consistent set of indicators and objectives at four key points:

- **Baseline (pre-BB interventions):** Captures the initial conditions before project activities begin, establishing a reference point for change.
- **BB City Monitoring and Evaluation 1 (M13 – 30th November 2025):** The first formal monitoring round, focused on early-stage implementation and initial outcomes.
- **BB City Monitoring and Evaluation 2 (M25 – 30th November 2026):** A mid-term update to assess progress, identify trends, and support adaptive management.
- **BB City Monitoring and Evaluation 3 (M36 – 31st October 2027):** The final monitoring round, capturing cumulative impacts and long-term results.

Alongside quantitative indicator data, each monitoring round includes space for qualitative comments, enabling cities to document contextual insights, challenges, and lessons learned. This approach ensures that monitoring is not only performance-driven but also reflective and adaptive.

The visual structure (included in annexed monitoring templates) serves as the backbone of this process, allowing for both longitudinal analysis and cross-city comparison. This iterative monitoring approach supports accountability, learning, and strategic alignment with the project's broader vision and evaluation logic.

Table of Figures

Figure 1: The kick-off meeting planning for WP6 and the complete monitoring and evaluation development

Figure 2: The project-level KPIs and vision in table format

Figure 3: The first taxonomy indicator classifications extracted directly from the Trailblazer Cities' bottom-up approach

Appendix

WP6 Monitoring and Evaluation supporting works

Planning

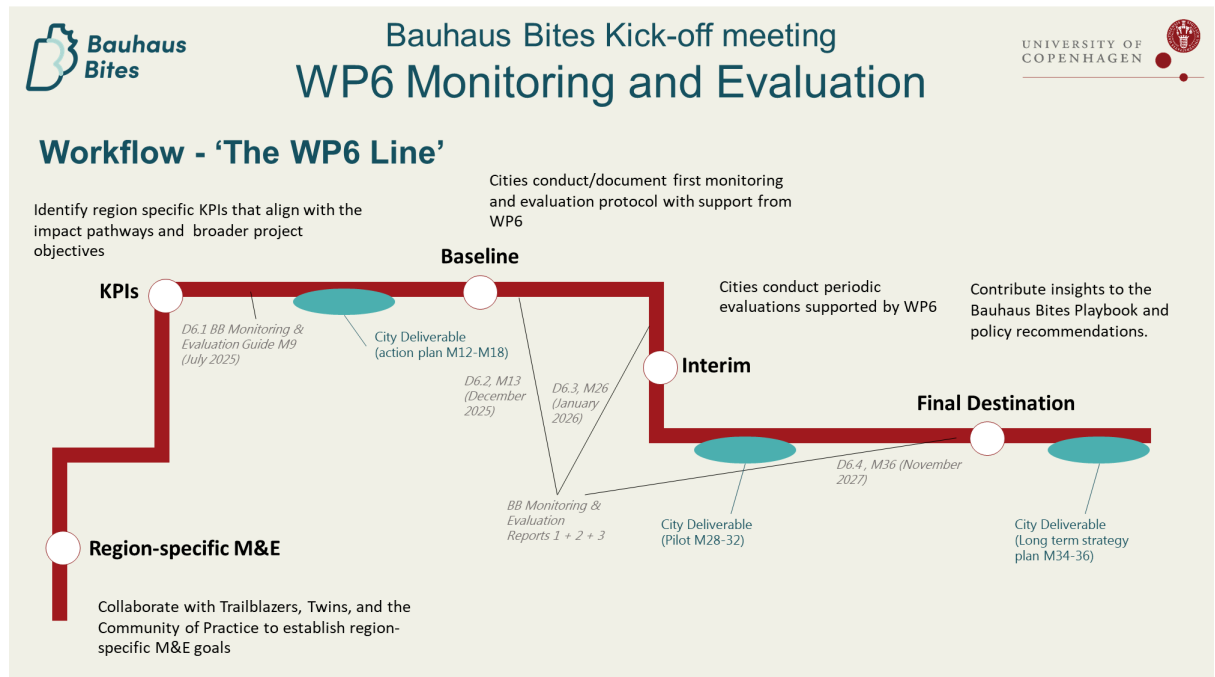


Figure depicting the kick-off meeting planning for WP6 and the full monitoring and evaluation development

Workflow and Development Timeline ('The WP6 Line')

Q4 2024 – Kickoff in Zagreb

- Workshop outputs transcribed and summarised (UCPH – done).
- Synergies and unique topics across cities identified (UCPH – done).
- Draft list of overarching categories to be measured prepared (UCPH)

2025 – Background Work

- Literature review of existing frameworks (e.g. FoodSHIFT, NEB)
- Thematic areas derived from city interventions identified.
- Ongoing coordination meetings with WP1, WWF-SE, and NTNU.

Q2 2025 – First Drafts

- Structure for Deliverable D6.1 drafted (March).
- Participation in 1-on-1 city meetings (April–May).
- In-depth review of WP1 outputs and Open Research deliverables.
- First draft of Monitoring and Evaluation monitoring templates

Qualitative Monitoring Template, (City Stories)

This section provides a narrative snapshot of each city's progress and experience during the monitoring period. It is intended as a 1-page abstract or prelude to accompany the later quantitative monitoring template.

1. Primary Focus

What was the main thematic or strategic focus of your city's activities during this period?

2. Ambitions

What were the intended goals or transformations your city aimed to achieve?

3. Key Achievements

What were the most notable actions, milestones, or successes during this period?

4. Challenges and Limitations

What obstacles or constraints did you face, and how did they affect implementation?

5. Emerging Outcomes and Early Impacts

What initial results or changes (social, environmental, cultural, economic) are starting to emerge?

Quantitative Monitoring Template

This section (below in landscape orientation) provides a first draft of the quantitative monitoring template.

Tailor-made monitoring templates (first draft) for Trailblazers Birmingham (4 pages)

City Action Plans and Indicator Metrics						City Monitoring and Evaluation				
No	City	Objectives	Activity description <i>(add 1 line on what it is you are actually doing)</i>	Indicator Metrics	Indicator Thematic Area	Baseline <i>(pre-BB interventions)</i>	BB City M&E1 <i>(M13 - 30th November 2025)</i>	BB City M&E2 <i>(M25 - 30th November 2026)</i>	BB City M&E3 <i>(M36 - 31st October 2027)</i>	M&E Comments
1	Birmingham	Objective 1: Unite a diverse community through social spaces and food		Number and type of community food assets mapped and categorized (organizations, projects and infrastructure)	Stakeholder Engagement & Co-Creation					
2	Birmingham	Objective 1: Unite a diverse community through social spaces and food		BB expression interest form (No., type and engagement level of stakeholders engaged) (BB action group, Strategic group (BB partnership), BB emailing list)	Stakeholder Engagement & Co-Creation					
3	Birmingham	Objective 1: Unite a diverse community through social spaces and food		No. of stakeholders active in cocreation and planning processes (democratic?)	Stakeholder Engagement & Co-Creation					
4	Birmingham	Objective 1: Unite a diverse community through social spaces and food		BB presentations to stakeholders, (How many presentations are made and to who)	Education & Capacity Building					
5	Birmingham	Objective 1: Unite a diverse community through social spaces and food		% increase in community food space use / repurposing of land and buildings	Urban Infrastructure & Space Activation					
6	Birmingham	Objective 1: Unite a diverse community through social spaces and food		No. of initiatives connected (ripple effects mapping?)	Replicability & Scalability					
7	Birmingham	Objective 2: Support diversity in growing as a nature-based solution		Number of culturally diverse crops documented in the growing database	Food Diversity					
8	Birmingham	Objective 2: Support diversity in growing as a nature-based solution		Dissemination of soil methods to relevant stakeholders	Education & Capacity Building					
9	Birmingham	Objective 2: Support diversity in growing as a nature-based solution		No. of Soil quality tests undertaken in urban garden initiatives (building on community soil testing methods)	Healthy soils					
10	Birmingham	Objective 2: Support diversity in growing as a nature-based solution		No. of Stakeholders involved in co-creating a sustainable nutrition manual and land management	Stakeholder Engagement & Co-Creation					
11	Birmingham	Objective 2: Support diversity in growing as a nature-based solution		No of stakeholders using growing database tips intending to increase species diversity growing habits	Stakeholder Engagement & Co-Creation					
12	Birmingham	Objective 3: Increase the diversity of how food literacy is developed		Number of new food literacy programs developed and delivered	Food Literacy & Cultural Identity					
13	Birmingham	Objective 3: Increase the diversity of how food literacy is developed		No. of food literacy initiatives inventoried in the food literacy framework	Food Literacy & Cultural Identity					
14	Birmingham	Objective 3: Increase the diversity of how food literacy is developed		Participation metrics demographics (age, ethnicity, background)	Equity, Inclusion & Cultural Diversity					
15	Birmingham	Objective 3: Increase the diversity of how food literacy is developed		Use of Participatory methods in food literacy	Food Literacy & Cultural Identity					
16	Birmingham	Objective 4: Increase the diversity of the food offer within community food environments		Co-creation of assets developed in the first three objectives, linking and removing siloes	Cross-Cutting Impact & Strategic Integration					
17	Birmingham	Objective 4: Increase the diversity of the food offer within community food environments		No of NBS NEB SFS cross cutting objectives achieved in implementations	Cross-Cutting Impact & Strategic Integration					
18	Birmingham	Objective 4: Increase the diversity of the food offer within community food environments		Percentage of community members self-reporting increased trust and sense of belonging through participation in food environment initiatives	Social Cohesion & Trust					

	OUTPUTS				OUTCOMES		IMPACTS	
	4	10	7	15	6	21	9	1
No.	7 positively transformed BB Food Environments	7 LATs, 10 local/regional stakeholders each	10 financially-viable partnership models	20 place- and community-based interventions and 12 other types of ERs registered and reported on the BB website as 1 e-marketplace	OW1: 7 positively transformed food environments that enhance sustainable food system transformation by applying the vision of New European Bauhaus (NEB).	OW2: 1,000 reconnected and engaged citizens with nature and healthy and sustainable food for their well-being and health while providing multifunctional benefits, such as biodiversity.	Resilient, inclusive, healthy and green rural, coastal and urban communities* (EWS)	20 urban and peri-urban communities to replicate BB interventions.
5				X				
3						X		
6		X				X		
3						X		
7	X			X	X		X	
5			X				X	
2				X				
2								
1				X				
6		X				X		
4		X				X		
4				X				
3								
4						X		
6						X		
3							X	
0								
3								

			VISION (updated)				
8	7	20	8	4	9	9	5
Innovative ways to tailor policy responses to the place-based challenges and needs identified at various levels of governance, contributing to implementation of linked European strategies.	1,000+ people in vulnerable situations able to access, afford and choose healthy, nutritious and environment-friendly food.	1,000+ inhabitants have raised awareness and engagement in the benefit of nature and the importance of healthy and sustainable food, empowered to act as ambassadors in their communities.	Integrate sustainable food into the design of public, urban, and rural spaces, embedding the food system as a core consideration in all place-based transformations.	Make seasonal, and sustainable food more affordable, attractive, available, and accessible by creating a circular system with relevant actors and emphasizing on local production.	Encourage people to choose healthier, nutritious, and environmentally friendly food.	Foster self-sufficiency to address food security challenges.	Enhance existing green spaces to support local food production, improve biodiversity, climate adaptation, and increase quality of life.
X			X				X
		X					
		X				X	
		X			X		
			X				X
					X		
X				X		X	
	X					X	
	X						
X					X		
X					X		
		X			X		
	X				X	X	
			X				

15	8	8	6	7	3
Strengthen local networks, communities, and stakeholder ecosystems to foster active participation in the local food environment/food production.	Rethink traditional food environments to adapt to climate change while preserving unique qualities, history, and potential, fostering a sense of belonging, pride, and community ownership.	Build awareness and understanding of culturally diverse food as well as dietary diversity beyond culture, together with communities and their ambassadors.	Nurture positive food environments that bring people together around food to strengthen community and social resilience.	Involve communities and empower grassroots in co-creative-democratic-changemaking development processes.	Use artistic and cultural interventions to engage stakeholders from diverse disciplines, interests, cultures, and ages, reaching new audiences and fostering innovation.
	X				
X					
X				X	
	X				
X			X		
X				X	
			X		
		X			
		X			
		X			
		X		X	
	X				

Tailor Made monitoring templates (first draft) for Trailblazers Fundao (3 pages)

City Action Plans and Indicator Metrics						City Monitoring and Evaluation					OUTPUTS		
No	City	Objectives	Activity description (add 1 line on what it is you are actually doing)	Indicator Metrics	Indicator Thematic Area	Baseline (pre-BB interventions)	BB City M&E1 (M11 - 30th November 2025)	BB City M&E2 (M25 - 30th November 2026)	BB City M&E3 (M36 - 31st October 2027)	M&E Comments	7 positively transformed BB Food Environments	7 LATs, 10 local/regional stakeholders each	10 financially-viable partnership models
19	Fundao	Objective 1: Transform the 1st floor of the Municipal Market into a Food Lab		SCM of market space renovated and in use for food lab purposes	Urban Infrastructure & Space Activation						X		
20	Fundao	Objective 1: Transform the 1st floor of the Municipal Market into a Food Lab		Number of events held in the space (workshops, meals, exhibitions)	Education & Capacity Building								
21	Fundao	Objective 1: Transform the 1st floor of the Municipal Market into a Food Lab		Number of architecture students and cultural mediators engaged in co-design	Stakeholder Engagement & Co-Creation							X	
24	Fundao	Objective 1: Transform the 1st floor of the Municipal Market into a Food Lab		Number of visitors per month/year (estimation based on management?)	Stakeholder Engagement & Co-Creation								
25	Fundao	Objective 1: Transform the 1st floor of the Municipal Market into a Food Lab		Number of underrepresented groups using the space (youth, migrants, elderly) (estimation based on management?)	Equity, Inclusion & Cultural Diversity							X	
26	Fundao	Objective 1: Transform the 1st floor of the Municipal Market into a Food Lab		Number of external visitors or cities exploring replication of the Food Lab model (need a procedure in place to capture this) (measuring the visits from other projects)	Stakeholder Engagement & Co-Creation								
27	Fundao	Objective 2: Enhance food literacy and community education		Number of talks/workshops delivered (topics, frequency)	Education & Capacity Building								
28	Fundao	Objective 2: Enhance food literacy and community education		Number of schools, libraries, and migrant associations involved	Education & Capacity Building							X	
29	Fundao	Objective 2: Enhance food literacy and community education		Total number of participants	Stakeholder Engagement & Co-Creation								
30	Fundao	Objective 2: Enhance food literacy and community education		Participation breakdown by age, ethnicity, gender	Equity, Inclusion & Cultural Diversity								
31	Fundao	Objective 2: Enhance food literacy and community education		Number of culturally tailored materials created (e.g., at least 2, in multiple languages)	Social Communication & Outreach								
32	Fundao	Objective 2: Enhance food literacy and community education		Pre/post food literacy scores (via quizzes or self-assessment)	Food Literacy & Cultural Identity								
35	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	Number of visitors / users	Stakeholder Engagement & Co-Creation								
36	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	Number of producers selling products?	Sustainable Food Economy								X
37	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	User interaction rate (comments, shares, clicks)	Stakeholder Engagement & Co-Creation								
38	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	Number of new connections made between the platform and the food lab	Strengthening Partnerships							X	X
39	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	Access to markets for local suppliers, no of products sold on national and international markets	Sustainable Food Economy								X
40	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	Empowering rural communities (bringing money into local rural economy)	Sustainable Food Economy								X
41	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	% of themes from Fundão that are verified/guaranteed using new blockchain food provenance	Digital Innovation & Transparency								X
42	Fundao	Objective 3: Connect local food systems with digital and circular tools	Sustaining online marketplace platform 'Produtos do Fundão'	Other products using blockchain traceability	Digital Innovation & Transparency								X
43	Fundao	Objective 4: Celebrate cultural diversity through food and storytelling		Number of culinary events and fairs hosted	Food Literacy & Cultural Identity								
44	Fundao	Objective 4: Celebrate cultural diversity through food and storytelling		Number of cultural/ethnic groups represented	Strengthening Partnerships							X	
45	Fundao	Objective 4: Celebrate cultural diversity through food and storytelling		% of events co-designed with migrant or youth representatives	Education & Capacity Building								
46	Fundao	Objective 4: Celebrate cultural diversity through food and storytelling		Number of food narratives or personal stories collected/shared	Food Literacy & Cultural Identity								
47	Fundao	Objective 4: Celebrate cultural diversity through food and storytelling		Participant-reported sense of pride or cultural recognition	Social Cohesion & Trust								
48	Fundao	Objective 4: Celebrate cultural diversity through food and storytelling		Media/social media engagement with events or stories	Social Communication & Outreach								
49	Fundao	Objective 4: Celebrate cultural diversity through food and storytelling		Number of collaborations with local chefs or artists	Strengthening Partnerships							X	

10	OUTCOMES		IMPACTS					VISION (updated)		
	11	12	13	14	15	16	17	18	19	20
30 place- and community-based interventions and 13 other types of IEs registered and reported on the IIE website as 1 e-marketplace	OIEs: 7 positively transformed food environments that enhance sustainable food system transformation by applying the vision of new European Bauhaus (NEB).	OIEs: 1,000 reconnected and engaged citizens with nature and healthy and sustainable food for their well-being and health while providing multifunctional benefits, such as biodiversity.	Resilient, inclusive, healthy and green rural, coastal and urban communities* (IIEs)	30 urban and peri-urban communities to replicate IIE interventions.	Innovative ways to tailor policy responses to the place-based challenges and needs identified at various levels of governance, contributing to implementation of linked European strategies.	1,000+ people in vulnerable situations able to access, afford and choose healthy, nutritious and environment-friendly food.	1,000+ inhabitants have raised awareness and engagement in the benefit of nature and the importance of healthy and sustainable food, empowered to act as ambassadors in their communities.	Integrate sustainable food into the design of public, urban, and rural spaces, embedding the food system as a core consideration in all place-based transformations.	Make seasonal, and sustainable food more affordable, attractive, available, and accessible by creating a circular system with relevant actors and emphasizing on local production.	Encourage people to choose healthier, nutritious, and environmentally friendly food.
X	X		X					X		
										X
		X								
		X								
		X								
				X						
										X
		X								
		X								
		X								X
		X								
			X							
		X								
					X					
X			X					X		
			X		X					
									X	
									X	
X		X					X		X	
X		X					X			
		X			X		X	X		X
			X				X			

I	II	III	IV	V	VI	VII	VIII
Foster self-sufficiency to address food security challenges.	Enhance existing green spaces to support local food production, improve biodiversity, climate adaptation, and increase quality of life.	Strengthen local networks, communities, and stakeholder ecosystems to foster active participation in the local food environment/food production.	Rethink traditional food environments to adapt to climate change while preserving unique qualities, history, and potential, fostering a sense of belonging, pride, and community ownership.	Build awareness and understanding of culturally diverse food as well as dietary diversity beyond culture, together with communities and their ambassadors.	Nurture positive food environments that bring people together around food to strengthen community and social resilience.	Involve communities and empower grassroots in co-creative-democratic-changemaking development processes.	Use artistic and cultural interventions to engage stakeholders from diverse disciplines, interests, cultures, and ages, reaching new audiences and fostering innovation.
	X		X		X		
		X					
					X		
X						X	
					X		
			X	X			
						X	
		X					
					X		
		X					
		X				X	
X		X				X	
		X					
		X					
		X					
		X					
X			X	X			
X			X	X			
		X					
		X	X	X			X

Tailor Made monitoring templates (first draft) for Trailblazers Zagreb (4 pages)

City Action Plans and Indicator Metrics						City Monitoring and Evaluation			
No	City	Objectives	Activity description (add 1 line on what it is you are actually doing)	Indicator Metrics	Indicator Thematic Area	Baseline (pre-BB interventions)	BB City M&E1 (M13 - 30th November 2023)	BB City M&E2 (M25 - 30th November 2026)	BB City M&E3 (M36 - 31st October 2027)
50	Zagreb	Objective 1: Promote accessibility and inclusion in urban gardening		Number of participatory design workshops involving users with accessibility needs	Equity, Inclusion & Cultural Diversity				
51	Zagreb	Objective 1: Promote accessibility and inclusion in urban gardening		Number of people with disabilities and socially disadvantaged individuals using the garden	Equity, Inclusion & Cultural Diversity				
52	Zagreb	Objective 1: Promote accessibility and inclusion in urban gardening		Expert stakeholder involvement, eg. number of stakeholders, and what kinds of stakeholders, eg. therapists, elderly care, teachers and school children, etc.	Stakeholder Engagement & Co-Creation				
53	Zagreb	Objective 1: Promote accessibility and inclusion in urban gardening		Community satisfaction score on physical accessibility and usability (existing questionnaire for vulnerable groups and individuals with disabilities)	Social Cohesion & Trust				
54	Zagreb	Objective 1: Promote accessibility and inclusion in urban gardening		Number of user feedbacks taken into account when planning future workshop	Education & Capacity Building				
55	Zagreb	Objective 2: Foster social cohesion and intergenerational connection		Demographic measures, number of co-creation activities involving residents of different ages and backgrounds	Equity, Inclusion & Cultural Diversity				
56	Zagreb	Objective 2: Foster social cohesion and intergenerational connection		Number of partnerships with nearby housing blocks and elderly care centers	Strengthening Partnerships				
57	Zagreb	Objective 2: Foster social cohesion and intergenerational connection		Number of intergenerational sharing events held (e.g., storytelling, cooking sessions)	Social Cohesion & Trust				
58	Zagreb	Objective 2: Foster social cohesion and intergenerational connection		Frequency of group gardening or maintenance sessions involving multiple generations (building capacity)	Social Cohesion & Trust				
59	Zagreb	Objective 3: Leverage existing public green spaces for inclusive food education		SQM of repurposed public lands for urban gardening (measuring the change in the area, the transformation of space)	Urban Infrastructure & Space Activation				
60	Zagreb	Objective 3: Leverage existing public green spaces for inclusive food education		SQM of redesigned public lands (utilising the NEB principles)	Urban Infrastructure & Space Activation				
61	Zagreb	Objective 3: Leverage existing public green spaces for inclusive food education		Number of natural elements co-designed with the community (e.g., signage, edible plants, sensory elements)	Design Quality & Aesthetic Experience				
62	Zagreb	Objective 3: Leverage existing public green spaces for inclusive food education		Number of multisensory design features implemented (e.g., tactile signs, fragrant plants, and consider the opposite effect ensuring these experiences are safe for use by small children and disabled peoples)	Design Quality & Aesthetic Experience				

M&E Comments	No.	OUTPUTS				OUTCOMES		IMPACTS
		4	10	7	15	6	21	9
		7 positively transformed BB Food Environments	7 LATs, 10 local/regional stakeholders each	10 financially-viable partnership models	20 place- and community-based interventions and 12 other types of ERs registered and reported on the BB website as 1 e-marketplace	O#1: 7 positively transformed food environments that enhance sustainable food system transformation by applying the vision of New European Bauhaus (NEB).	O#2: 1,000 reconnected and engaged citizens with nature and healthy and sustainable food for their well-being and health while providing multifunctional benefits, such as biodiversity.	Resilient, inclusive, healthy and green rural, coastal and urban communities* (B#5)
	1							
	1							
	1				X			
	1							
	1							
	2						X	
	2		X		X			
	3						X	
	3						X	X
	3	X			X	X		
	3	X			X	X		
	4					X		
	4					X		

				VISION (updated)			
1	8	7	20	11	4	9	9
20 urban and peri-urban communities to replicate BB interventions.	Innovative ways to tailor policy responses to the place-based challenges and needs identified at various levels of governance, contributing to implementation of linked European strategies.	1,000+ people in vulnerable situations able to access, afford and choose healthy, nutritious and environment-friendly food.	1,000+ inhabitants have raised awareness and engagement in the benefit of nature and the importance of healthy and sustainable food, empowered to act as ambassadors in their communities.	Integrate sustainable food into the design of public, urban, and rural spaces, embedding the food system as a core consideration in all place-based transformations.	Make seasonal, and sustainable food more affordable, attractive, available, and accessible by creating a circular system with relevant actors and emphasizing on local production.	Encourage people to choose healthier, nutritious, and environmentally friendly food.	Foster self-sufficiency to address food security challenges.
		X					
		X					
		X					
			X				
			X				
	X		X				
			X				
				X			
				X			





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