



**NATURE
4 CITIES**

Be Part of the Green Transition

Implement your NBS project

Nature4Cities Virtual Forum May 20th 2020

DuneWorks and Innova Integra



Session 4 - Implement your NBS project

*How to involve citizens and stakeholders into the planning process?
Nature4Cities guide for new governance models*

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Definition of Nature-based Solutions



“Nature Based solutions (NBS) are actions inspired by, supported by, or copied from nature, that deploy various natural features and processes, are resource efficient and adapted to systems in diverse spatial areas, facing **social, environmental, and economic challenges**. The main goals of NBS are the enhancement of sustainable urbanization, the restoration of degraded ecosystems, the development of climate change adaptation and mitigation, and the improvement of risk management and resilience.” (Somarakis et al. 2019)

Key aspects Nature Based Solutions:

- ☐ Multiple benefits (environmental, social and economic)
- ☐ Multiple designs and scales
- ☐ Dynamic solutions

Conditions for implementation Nature Based Solutions:

- ✓ Multisectoral expertise and collaboration
- ✓ Multiple stakeholder involvement (including local citizens)
- ✓ Participatory governance
- ✓ Reflexive and adaptive management





Key questions

- Are Nature Based Solutions the best option to solve the urban challenges you are facing as a policy maker?
- What is the most suitable NBS?
- If you opt for NBS what would the implementation process look like?
- Who needs to be consulted?
- Who needs to be invited to participate and what is needed to facilitate the process in terms of knowledge, needs and interests?





Tools developed for Nature4Cities

1. Step by Step Guide for co-creation and co-production of NBS

our model for reflexive governance of NBS,
a process support tool for a tailored
governance approach



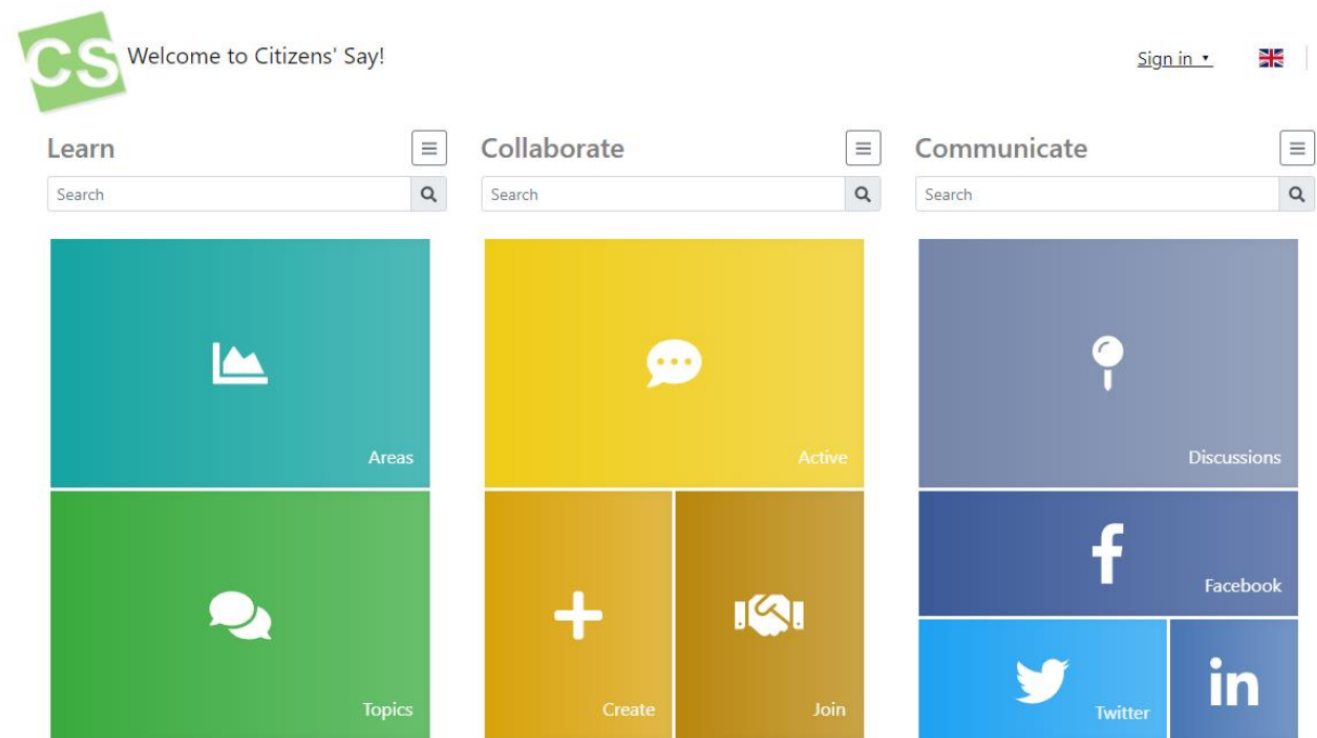


Tools developed for Nature4Cities



2. CitizenSay digital platform

a digital tool that can be used to support participatory planning and collaboration Processes



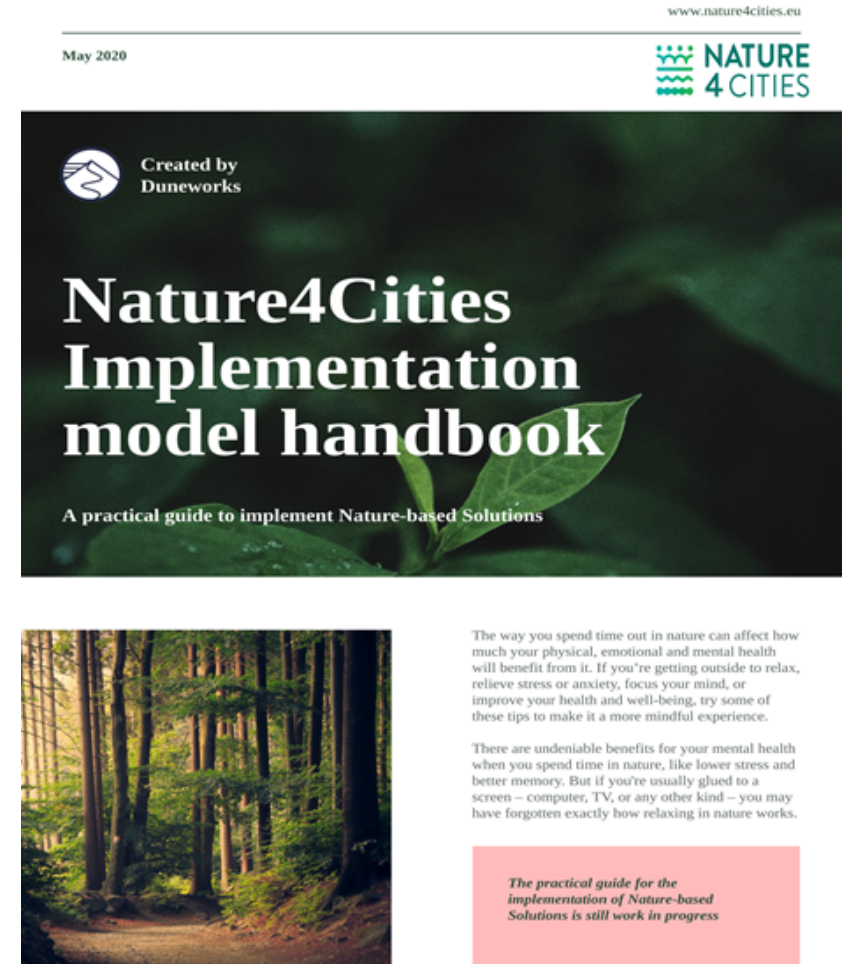


Tools developed for Nature4Cities



3. Nature4Cities Implementation Model Handbook

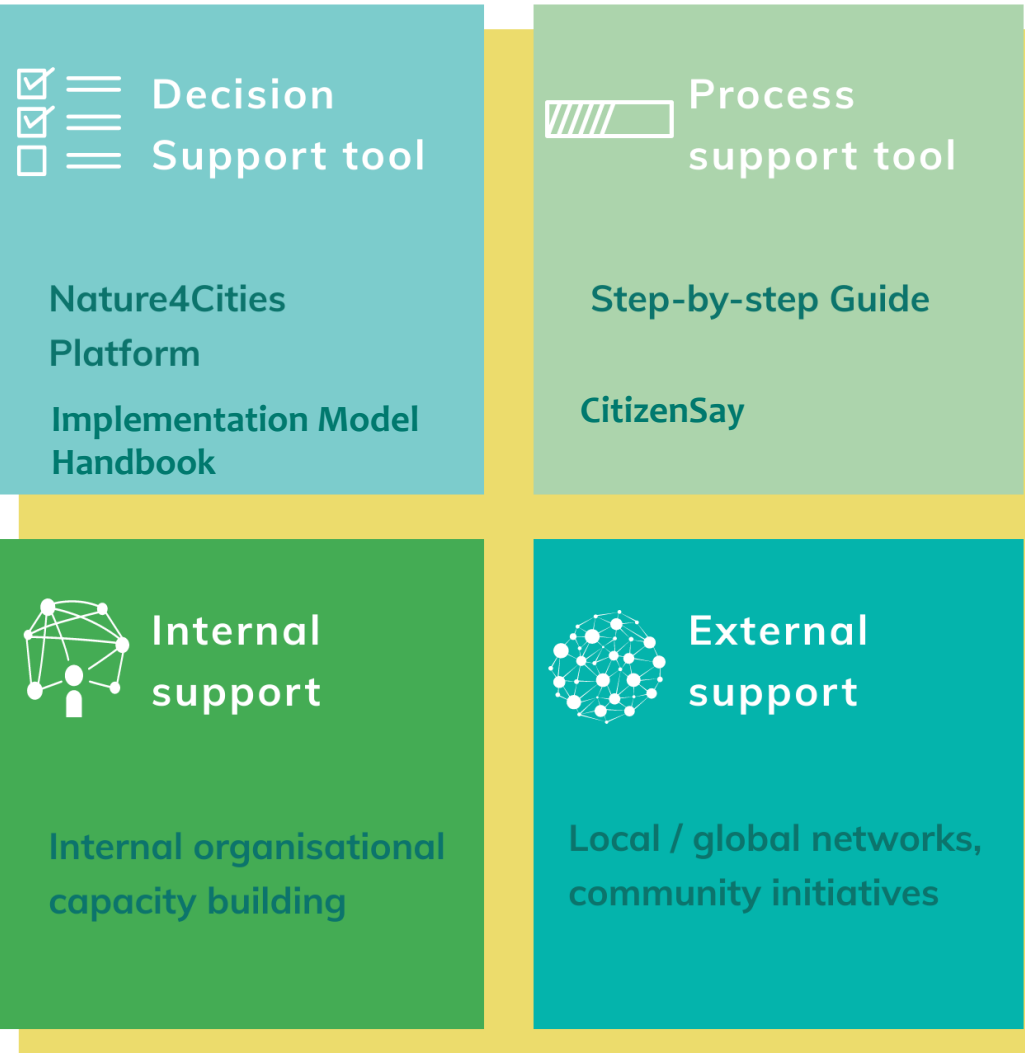
A handbook for practitioners that shows examples of different types of NBS, explaining the what, who and how



Graphics: [Piktochart](#)



Support systems for NBS interventions



Graphics: [Piktochart](#)

1. Step by step guide for co-creation and co-production of NBS



1. Internal Alignment
2. Contextualize the problem
3. Strategize a multi-stakeholder approach
4. Plan with local stakeholders
5. Implement NBS
6. Maintenance

Overarching:

- Monitor, evaluate and learn
- Timing





Set-up Guide

- General description
- Why is this important/ why do we need to address this?
- What does it entail?
- How is it best addressed and by whom? Useful tools

Step 2 Contextualise your problem(-s)

This step aims to address the context of the interventions, which can be of the social-economic, political, institutional, cultural, physical (e.g. infrastructural, technological) or ecological nature. with explicit attention to challenges that relate to climate change like e.g. drought, heat islands, water flooding and with attention to how things have become the way they are today (legacies; path dependencies). Relevant information shall be collected and documented about these issues, but also about stakeholders (past, present, future) that are relevant in relation to the initial problems identified (and, if possible, in relation to their expectations and ambitions). This step results in an assessment of the starting situation, that is, an understanding of the local circumstances in which the environmental impacts occur and how they are coupled to social and economic issues. In this regard, the starting situation in terms of the distribution of environmental, social and economic impacts shall be assessed, which can contribute to the subsequent development of a socially inclusive strategy that aims to positively affect this distribution.

In case project preparations have already started, an assessment of crucial moments in the process (e.g. decisive moments in which path dependencies are created) is useful so that on the basis of this and additional information collected (e.g. external to the project), the initiators reflect on the potential challenges and opportunities ahead.

Step 2: Contextualise the problem(-s)			
Process steps	Why is this important/why do we need to address this?	What does it entail?	How is it best addressed and by whom?
2.1 Localize the problem(-s)	The NbS is considered a solution, so clarity is needed about what the problem(s) is (are)	This step entails an exploration of the problem(s) to be addressed in this project	The project organisation (initiator) can organize internal dialogue sessions





The step-by-step guide is based on



Placemaking

Community-based approach to urban planning. Rethinking public spaces from the perspective of how people value and use these spaces



Environmental Justice

Involving the community equally and fair, regardless of ethnicity, income, residential status, age or race, in the planning and implementation of NbS interventions





Benefits of early and timely stakeholder involvement



Substantive

Using
stakeholder knowledge



Instrumental

Creating social
acceptance



Normative

Legitimising decisions

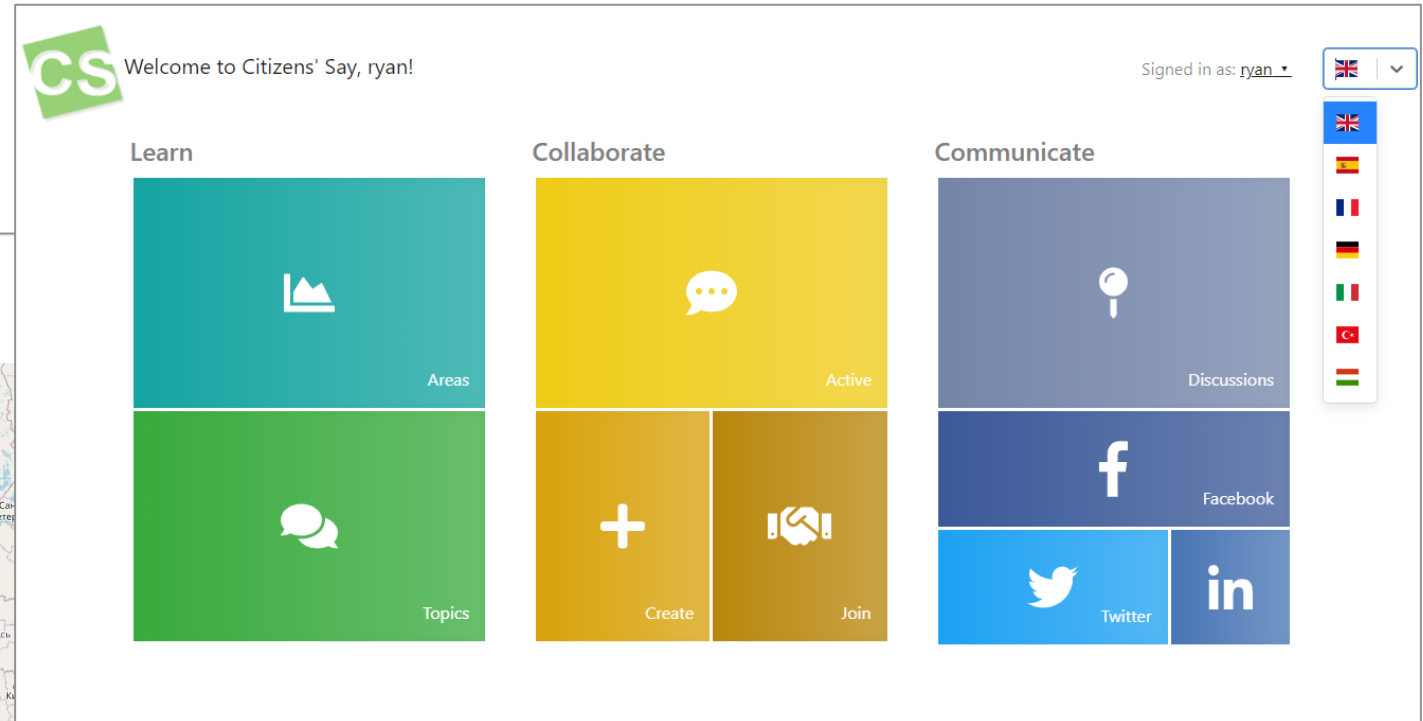
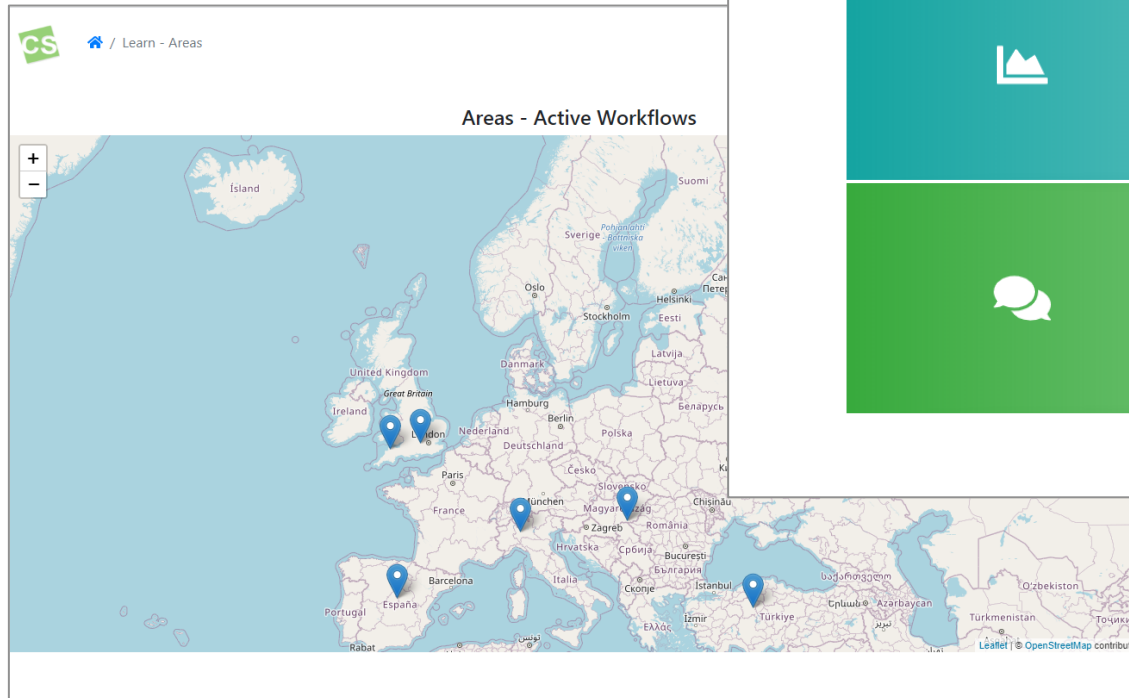
Graphics: [Piktochart](#)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730468



2. CitizenSay Overview

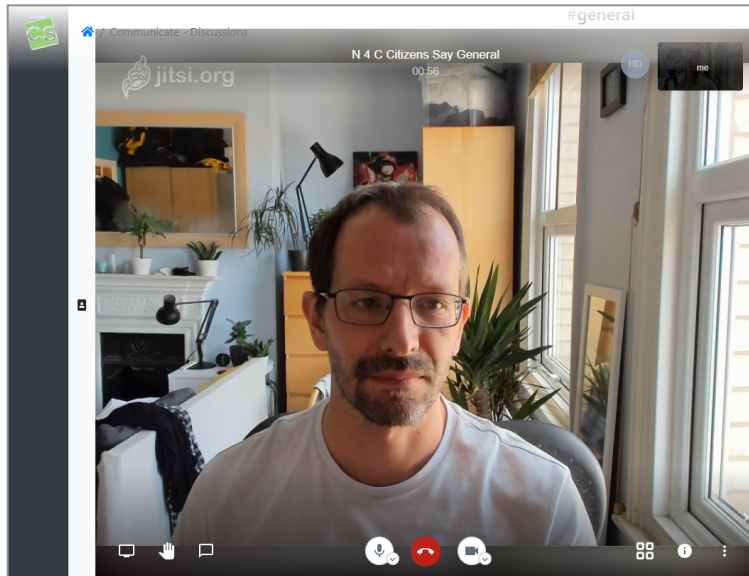
CitizenSay is an integrated platform for Citizen engagement and involvement throughout decision making and development processes





CitizenSay Modules

CitizenSay modules let users create surveys to share with participants and lets users add numerous functionalities



NATURE 4 CITIES

N4C Cuestionario Alcalá de Henares

Este cuestionario trata de recopilar sus experiencias y opiniones sobre el entorno en el que vive. Tras completar las preguntas, seleccione "siguiente" en la parte inferior para desplazarse por el cuestionario.

Demográficas

Cuál es su género:

☐ Mujer

☐ Hombre

☐ Otro

Cuál es su edad:

☐ < 18

☐ 18 - 30

☐ 30 - 45

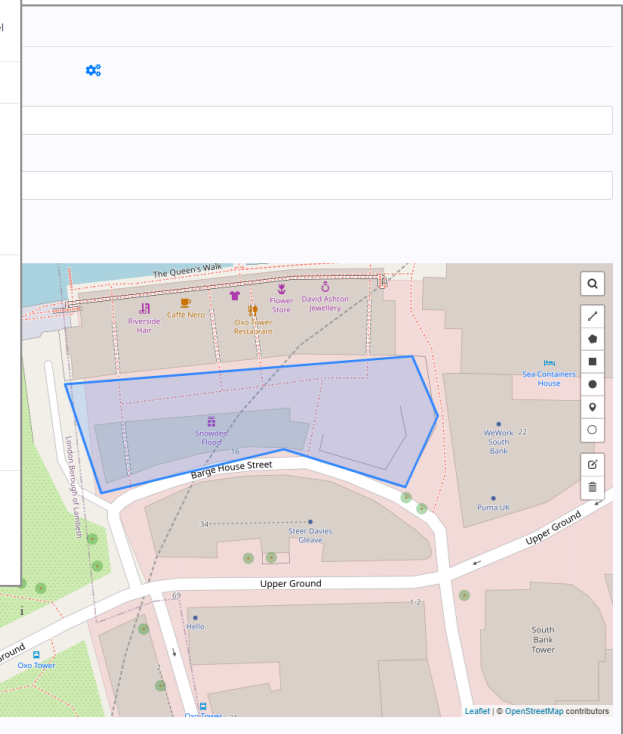
☐ 45 - 65

☐ > 65

¿Cuál es el nivel de estudios más alto que tiene?
Por favor, escoja una de las siguientes opciones:

☐ Ningún estudio completado

☐ Primaria





CitizenSay Workflows



CitizenSay lets users define workflows so that they can create longer-term interactions around specific topics

The screenshot displays the CitizenSay Workflow Manager interface. The top navigation bar includes the CitizenSay logo, a home icon, and the text 'Collaborate - Create'. The user is signed in as 'ryan'. The interface is divided into four tabs: 'Basic Info.', 'Activities', 'Participants', and 'Schedule'. The 'Activities' tab is active, showing a list of activities. A 'Survey' activity is selected, and its configuration form is displayed. The form includes fields for 'Edit channel:' (with a value '0840e500-1551-44c6-92d0-852d90b3e43a'), 'Description' (with a placeholder 'Please enter a channel description...'), and 'Reporting' options (with checkboxes for 'Show Channel Summary', 'Show Full Transcript', and 'Show Analysis'). Below the 'Survey' activity, a 'Poll' activity is also visible, with fields for 'Question' (placeholder 'Ask something...') and 'Options' (placeholder 'Add option...'). The right side of the interface shows a 'Workflow Manager' panel with a 'Clear Activities' button and a list of activities. The bottom right corner features a 'New Page' button and a 'NEXT' button.

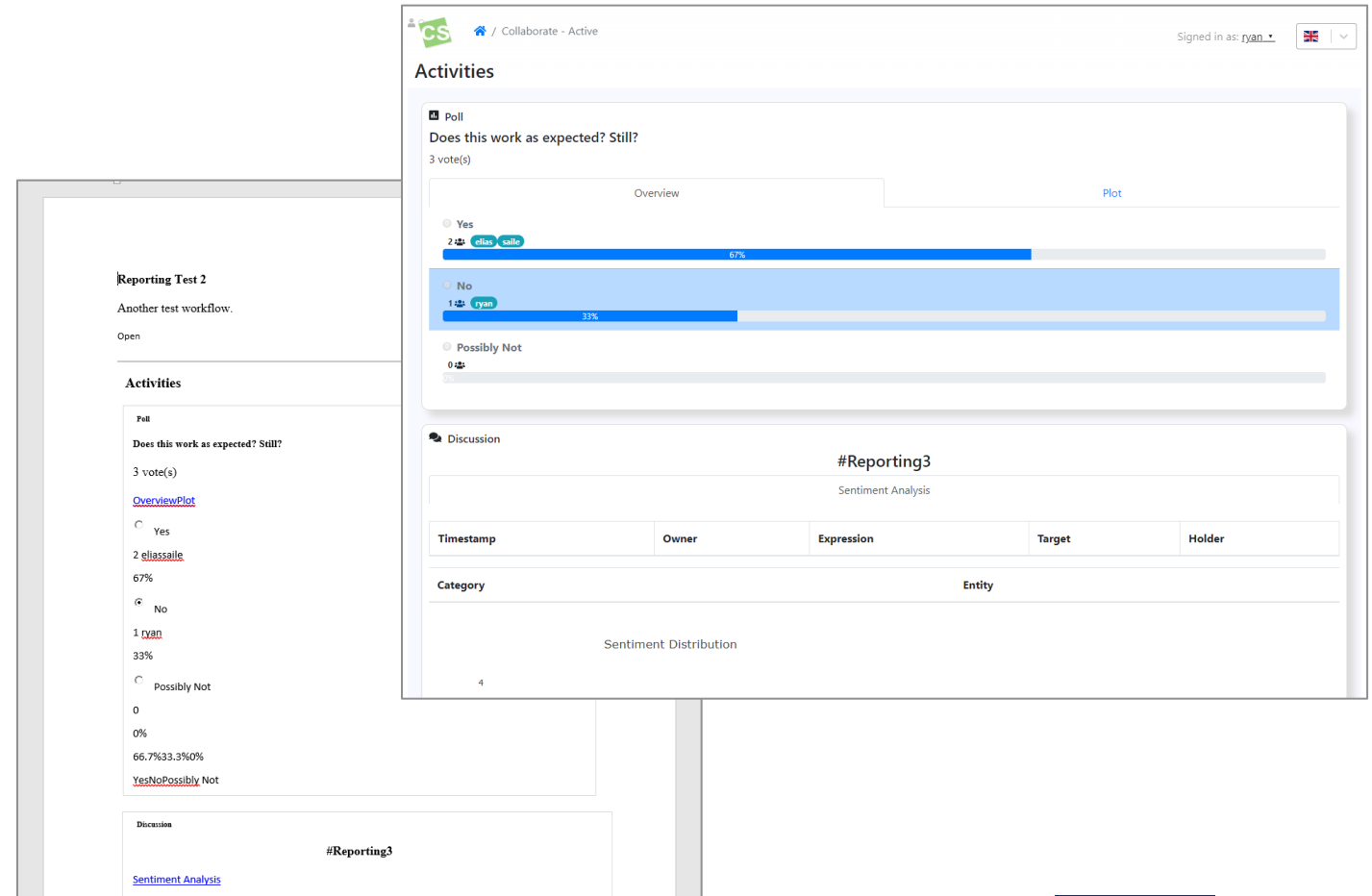




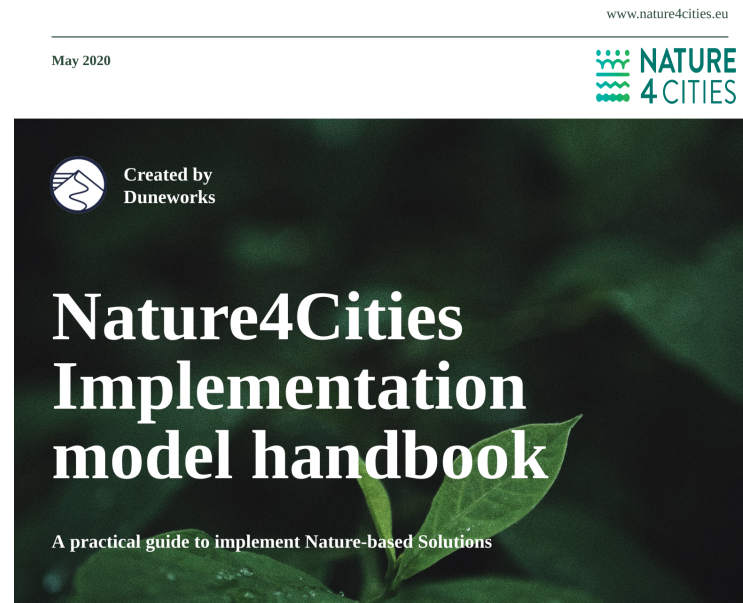
CitizenSay Analytics



CitizenSay automatically generates summaries in which all activities in a workflow are documented and summarised



3. Nature4Cities Implementation Model Handbook



The way you spend time out in nature can affect how much your physical, emotional and mental health will benefit from it. If you're getting outside to relax, relieve stress or anxiety, focus your mind, or improve your health and well-being, try some of these tips to make it a more mindful experience.

There are undeniable benefits for your mental health when you spend time in nature, like lower stress and better memory. But if you're usually glued to a screen – computer, TV, or any other kind – you may have forgotten exactly how relaxing in nature works.

The practical guide for the implementation of Nature-based Solutions is still work in progress

Graphics: [Piktochart](#)

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IMPLEMENTATION MODEL PRE-SELECTION TOOL



Please, define the following parameters for your NBS project, one by one and following the order.

(To re-start, please delete all the filters, Clicking on Delete filters button while CTRL button is pressed)

DELETE FILTERS



WHAT?

NBS

All



Ownership

All



Implementation scale

All



WHO?



Initiating actor

All

What

Who

How

HOW?

GOVERNANCE

Government support

All



Desired participation

All



FINANCING

Budget

All



BUSINESS

Economic context

All



Environmental awareness

All



Participation culture

All



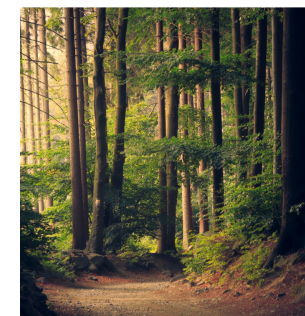
Topics, scales and scenarios

Three topics and scales:

- Rainwater (object scale)
- Parks (district scale)
- Ecological networks (city scale)

Five scenarios:

- Top down / Traditional Public Administration
- Citizens participation
- Co-creation / public – private collaboration / networked government
- Bottom up initiative / government participation
- Private sphere: social entrepreneurship, households, companies, community initiative



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Feedback and Q&A



We would like to hear from you.

Is it clear?
Does it make sense?
Is something missing?
Do you have something to add?
Something else that comes into your mind?

Contact details:

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DuneWorks



innova integra

Graphics: [Piktochart](#)



● ● ● ● Thank you for your attention!



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