Stakeholder engagement

CityLab Guide

Bodø, Norway

Content

1. The purpose of this document

The purpose of this document is to introduce the reader to the concept of a CityLab and the experiences Bodø Municipality had with this. A CityLab in not necessarily one specific tool - merely a concept consisting of many actions stimulating to stakeholder and citizen involvement. In this document CityLab actions in Bodø are explained and ends with a guide on how other cities can replicate these actions.

2. Stakeholder engagement - CityLab

The large "New City / New Airport" project has three main actors: the military, Avinor airport and the municipality. The citizens are a large interest group. Bodø has included the stakeholders in the transformation of the airport and the new city from the beginning. They want the professional stakeholders (e.g., construction consultants, entrepreneurs, architects) to engage in for example dialogue on practices of screening and selective demolition. Bodø has involved both professional stakeholders and citizens in a dialogue on how to repurpose and prolong the lifetime of existing buildings and materials when designing the new city.

2.1. CityLab for stakeholder engagement

CityLab as a citizen involvement system is grounded in principles of inclusivity, transparency, and empowerment, aiming to ensure that the voices of all residents, including marginalized communities, are heard and valued in the decision-making process. By harnessing the collective knowledge, creativity, and expertise of residents, CityLab seeks to create more responsive, equitable, and resilient cities.

Bodø Municipalitty tested the CitizenLab platform (https://www.citizenlab.co/) for community engagement. This is an online software, aimed to facilitate citizen participation in local decision-making processes.

2.2. Bodø Municipality's Experience with Citizen Involvement Software

Anyone in Bodø Municipality could log in to a website (https://bodo.smartbyene.no/) and come with inputs on different categories. Employees in Bodø Municipality could then gather the inputs on the different categories and distribute it to the relevant departments.
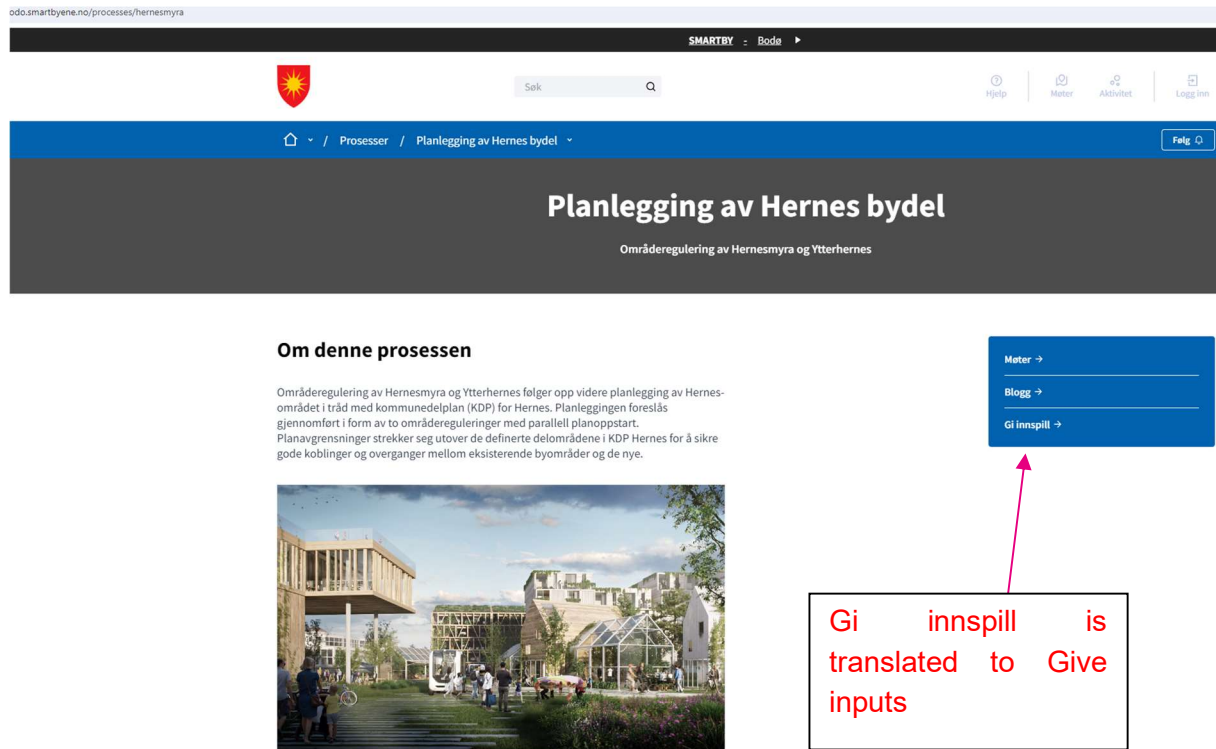

Figure 1 In this case, citizens could come with inputs on the new city development area.

The software enabled an increase in citizen participation compared to traditional methods. Citizens could engage from their own homes at any time, leading to higher involvement rates in decision-making processes.

Moreover, the software improved transparency by providing a platform where citizens could track the progress of various initiatives, view public feedback, and understand the reasoning behind decisions made by the municipality. This is believed to foster trust and accountability between the government and the community.

Additionally, it facilitated the collection of structured data on citizen preferences, concerns, and suggestions. This data-driven approach offered valuable insights for policymakers, enabling them to make more informed decisions that better aligned with the needs and desires of the community.

Furthermore, by streamlining communication and engagement processes, the software helped save time and resources for both citizens and the municipality. Online discussions and surveys decreased the necessity for physical meetings and

paperwork, resulting in cost savings and increased efficiency in decision-making processes.

Limitations with Citizen Involvement Software

While the software successfully engaged digitally literate citizens, it encountered difficulties in reaching populations with limited access to technology or internet connectivity. This digital divide resulted in disparities in participation rates and raised concerns about the inclusivity of the engagement process.

Another relevant challenge is that digital competence within Bodø Municipality could be a barrier for efficient use of the citizen involvement software.

Despite the increased participation, there were worries about the quality of engagement facilitated by the software. Some citizens felt that online discussions lacked depth and meaningful dialogue, leading to a superficial understanding of complex issues and potentially biased outcomes.

The utilization of citizen involvement software raised privacy and security concerns regarding the collection and handling of personal data. Ensuring compliance with data protection regulations and safeguarding sensitive information became critical considerations for the municipality.

Not all citizens felt comfortable using the software due to varying levels of digital literacy. Accessibility features for individuals with disabilities were also lacking, posing barriers to participation for certain segments of the population.

Bodø Municipality's experience with citizen involvement software demonstrated both the advantages and challenges of leveraging digital platforms for community engagement. While the software offered opportunities for increased participation, transparency, and efficiency, addressing issues such as the digital divide, quality of engagement, privacy, and accessibility will be crucial for ensuring inclusive and effective citizen involvement in the future.

2.3. The physical CityLab

Bodø kommune has also tested the CityLab as a physical arena – mainly based at the public library Stormen. https://blogg.sintef.no/sintefbuilding-nb/bylab-bodo-er-apnet/

Bodø ByLab was established to further work on development of citizen engagement and democratization. This is part of Bodø municipality's commitment to creating a more inclusive and open decision-making process.

Its purpose is to promote innovation in the public sector, and Bodø CityLab is an example of how this scheme can contribute to positive local change.

The concept of a physical CityLab was tested in different ways. A drop in-solution was tested where any citizen could drop in to the CityLab area and discuss different themes. What could be challenging was if the employee that was present there did not have competence on the theme the citizen was interested in discussing.

CityLab was also present in conferences and other arrangements to reach out to as many people possible.

The CityLab employs the service design method, known for its open and experimental approach. This means that the concrete outcome is not predetermined, but the focus is on including the voices of citizens and leveraging the collaboration potential in the Bodø region.

The goal of the workshops held in the CityLab is to develop scenarios that can guide decision-makers in creating attractive local communities for young people in the north in the coming decade. This involves forward thinking, challenging assumptions and expectations, and opening up to new perspectives.

Bodø CityLab is a platform where citizens are encouraged to actively participate by sharing opinions, inputs, and remarks with the municipality. This contributes to establishing an open dialogue and creating a broader understanding of how the city should be developed.

The citizen could engage with Bodø CityLab by staying updated on municipality and CityLab's websites for information on upcoming events, workshops, and opportunities for involvement. Join discussions, voice your opinions, and contribute to shaping the future of Bodø and the region.

Bodø CityLab represents a new approach to community development, where citizen engagement and democratization are central. Through innovative methods and engagement from both young and established citizens, the groundwork is laid for a more inclusive and sustainable urban development.

Figure 2 The opening of the CityLab

Figure 3 "Digitalisation is always on the agenda in the service network"

Consequences of covid-19

Because of emergence of the COVID-19 pandemic in 2020, the physical arena came to an abrupt halt. This due to concern for public health and safety necessitated the suspension of in-person activities. Despite the setback CityLoops again organised CityLoops activities after society opened up again.

For more information see Appendix 1: Evaluation CityLab

3. CityLoops activities in the CityLab's heritage

The first event took place in 2021; NyBy-Festivalen (New City Festival). Meetings with students, colleagues, businesses, and the general public, were also organized to

gather input and ideas. These events included lectures, workshops, and public meetings where stakeholders could contribute their thoughts and feedback.

The ideas and feedback collected from these events were then visualized using the 3D visualization tool. This approach allowed for a comprehensive understanding of the community's preferences and priorities in urban development.

One such example of this stakeholder engagement can be found in the reports generated from the New City Festival, showcasing the collaborative efforts between the community and CityLoops Bodø in shaping the city's future.

The information about it and link can be found in the document **"Stakeholder Engagement - Demo Report Extract Bodø"**

3.1. Digital survey to citizens – approach

CityLoops, as part of the city development project, wanted to get input from Bodø's citizens, so they joined in on making a survey to reach out to them.

- First a set of questions is defined. The nature of these questions is based on a stakeholder engagement plan and on Bodø's priority themes.
- The intended outcome from these questions was for Bodø Municipality to gain insight on how the citizens of Bodø means that the new urban area shall function and look, and how the city development can be done in an as sustainable, circular and emission low way as possible.
- The questions are then plotted into in Microsoft Forms: https://forms.office.com/
- The Forms-schemes are then distributed through social media, Facebook (www.facebook.com) being the main tool
- In the Bodø-case we gathered about 500 inputs people, qualitative and quantitative data.
- The data was then processed in Microsoft Excel (www.microsoft.com/excel)
- In the CityLoops project the most important findings were those with qualitative descriptions of the citizens preferences the new part of the city.
- These responses are interpreted and visualized in the 3d tool.
- The results are then communicated through social media and local newspaper, in addition to the New City Festival:
  - https://nybybodo.no/program/en-simulering-av-ny-bydel-i-3d-slik-vil-bodos-befolkning-at-den-nye-byen-skal-se-ut?instance=0

• At the New City Festival about 100 physical participants were present, and 232 citizens were streaming it live.

Figure 4 Live stream of the results of the survey. Visualized in the 3d Tool.

A more general description of the 3D GIS-based visualization tool for monitoring and planning is in the demonstration report.

3.2. The Reuse Labs

The Reuse Labs are elaborated in the [Demonstration Report](#). This is how they were organized:

1. Establish Collaborative Partnerships:

In the Bodø case, the municipality collaborated with the key partners Nordland Research Institute and Re-Innovasjon to leverage expertise, communication activities and physical resources.

2. Stakeholder Analysis:

Conduct a comprehensive stakeholder analysis to identify focus groups and key stakeholders involved in the city development project.

3. Stakeholder Selection:

Children were the primary stakeholders for this initiative, considering their unique perspectives and needs in urban development, and the fact that they might be the ones living in the new city district. The aspect helping the younger generations getting aware of the importance of circular economy was also a significant factor.

4. Material Selection and Preparation:

Carefully choose materials to be used in the engagement process, ensuring they are appropriate and engaging for the target audience.

5. Transportation Logistics:

Coordinate logistics to transport all necessary materials to the designated venue, which in this case is the public library "Stormen", located adjacent to Bodø CityLab. The allocated space covers approximately 100 square meters.

6. Documentation of Results:

Document project outcomes through a combination of visual aids such as photographs and qualitative data gathered from interviews with participants.

7. Presentation to City Council:

Present the documented findings and insights to the city council for review and consideration in the broader city development strategy.

https://www.facebook.com/watch/?v=634270340810573

Two Reuse labs were organized by CityLoops in Bodø.

Further examples can be found in the **"Stakeholder Engagement - Demo Report Extract Bodø".**

3.3. Communications strategy to raise citizen awareness.

To foster citizen awareness and engagement on circular economy principles, a media and communication strategy was employed. Using medias such as newspapers allowed us to reach a broad audience. Additionally, interactive workshops provided hands-on experiences, facilitating deeper understanding and practical application of circular concepts. Participation in conferences further amplified our message, enabling us to connect with stakeholders, share insights, and collaborate on innovative solutions. Concurrently, social media platforms served as dynamic channels for ongoing dialogue, inviting citizens to join the conversation, share their perspectives, and champion sustainable behaviors.

Through dissemination and communication activities, around 3 million people has been estimated reached, ref. Appendix 2.

4. Stakeholder engagement guide

As explained in the stakeholder engagement report. There was a strong communication with society and a lot of events and workshops were organized. The process that we used was not always the same for all events but if we are to summarize our experience. It would generally go like this.

Identify Objectives: we brainstormed to start defining the goals and objectives of the stakeholder events and workshops. Often those meetings were internal, but in some we had come up with ideas or inspiration after our contact with other cities or team members of the CityLoops consortium. With this we would clearly determine what specific aspects of city planning we wanted to engage citizens in and what outcomes we hoped to achieve.

Identify Stakeholders: once we had the idea and objectives, we needed to know which relevant stakeholder(s) was to be involved in the process. We went regularly from including residents, community organizations, local businesses, politicians, academia, and other relevant stakeholders. We would always try to ensure representation from diverse perspectives within Bodø and the community.

Communicate: We did have to plan and inform stakeholders about the upcoming events and workshops in good time and consider dates and timeslots which would be suitable for the chosen stakeholders, for example if it was a school we would consider to avoid holiday seasons, and we would approach with easier language, easier to understand and be more practical, if the stakeholders were part of the academia a different approach, vocabulary and general knowledge was expected, so even the space would have been changed to fit each event. We utilized various communication channels such as social media, local newspapers, and email, e-forms, and mouth to mouth to spread the word.

Stakeholder Engagement Methods: we would adapt engagement methods based on the objectives and stakeholders involved. This could include town hall meetings, focus groups, public forums, interactive workshops, online surveys, and others.

Logistics: we would advise anyone interested in stakeholder engagement to have a plan for logistical details, including dates, times, locations, and facilities. Ensure that venues are accessible to all stakeholders, including those with disabilities, and provide any necessary support.

Develop Workshop Materials: one must prepare materials and resources for the workshops, such as presentation slides, handouts, maps, and interactive exercises. Ensure that these materials are clear, concise, and accessible to all participants and

send necessary material prior the event and the results or presentations after the event.

Listen: we allowed stakeholders to participate actively and be proactive during our events and workshops in a way to encourage meaningful participation and collaboration. Something that would facilitate this was to lead them to small group discussions, brainstorming sessions, and we did gather input and ideas from the participants, we paid closer attention to those with eccentric ideas, those who thought out of the box and those who were very critical because there is a lot of potential and improvement that was sourced from such participants.

Document Feedback: Feedback and input received during the stakeholder events and workshops was, if possible, documented. This helped to ensure a good analysis or understanding of the ideas discussed during those events, to identify common themes, priorities, and concerns.

Incorporate ideas into Planning: we used the insights gained from the stakeholder engagement process to inform city planners, incorporate citizen ideas, suggestions, and feedback into planning documents, policies, and projects whenever possible.

Transparency and accountability: As a public organization we always made sure that our processes were transparent, that our decisions were based on the feedback provided by the stakeholders, and we informed on how their input was used and incorporated into city planning efforts.

Evaluate: a huge part of the time during the project was used to evaluate the effectiveness of the stakeholder engagement process and identify areas for improvement. It is clear that we are not perfect and as a Public organization Bodø municipality was always impacted by the opinion of citizens but most of the times we received good feedback from the participants and if not, by being transparent and have an open communication with them, from leaders, politicians, businesses, academia, institutions, other municipalities, etc we would solve challenges, refine and improve for other engagement efforts.

We believe that these experiences can help other municipalities and organizations to reach the goals to engage citizens effectively into city planning processes and incorporate their ideas and perspectives to create more inclusive, transparent, and responsive urban environments.

5. Replication guide of Bodø's Stakeholder Engagement Model

Bodø's approach to stakeholder engagement in urban development exemplifies a comprehensive strategy that involves various actors and employs both digital and physical platforms. Here's a guide on how other cities can replicate Bodø's actions:

1. Understand the Concept of CityLab:

- CityLab is a concept focused on stakeholder and citizen involvement in city planning and development processes. It emphasizes inclusivity, transparency, and empowerment.

2. Inclusive Approach:

- Start with a commitment to of being inclusive, valuing the voices of all residents, as well as including marginalized communities.
- Ensure engagement from diverse stakeholders, including professional consultants, entrepreneurs, architects, and citizens.

3. Digital Engagement:

- Utilize online citizen engagement platforms like CitizenLab to facilitate participation in decision-making processes.
- Choose a platform that allows citizens to provide inputs, track progress, and understand decision-making processes transparently.
- Ensure accessibility and inclusivity by addressing digital literacy barriers and providing alternative means for participation.
- Leverage software tools to increase transparency, track progress, and collect structured data on citizen preferences. Consider accessibility features and outreach strategies to ensure inclusivity.

4. Establish Physical CityLab Arenas

- Create physical CityLab spaces where citizens can engage in person, such as public libraries or community centres.
- Use open and experimental methods like service design to include diverse perspectives and foster collaboration.
- Use these spaces for open discussions, workshops, and innovative activities aimed at involving citizens in city development.

5. Implement Stakeholder Engagement Strategies:

- Identify clear objectives for stakeholder events and workshops, considering input from diverse sources including other cities and consortium members.
- Identify and engage relevant stakeholders, ensuring representation from various sectors of the community.
- Communicate effectively through multiple channels, adapting language and approach based on the audience.
- Utilize various engagement methods such as town hall meetings, focus groups, and online surveys to gather input.
- Pay attention to logistical details to ensure accessibility and participation from all stakeholders.
- Prepare materials and resources for workshops, ensuring clarity and accessibility.
- Encourage meaningful participation and collaboration during events, facilitating discussions and brainstorming sessions.
- Document feedback received during engagement activities for analysis and incorporation into planning processes.
- Incorporate citizen ideas, suggestions, and feedback into planning documents, policies, and projects.
- Maintain transparency and accountability by informing stakeholders how their input is used in decision-making processes.
- Evaluate the effectiveness of stakeholder engagement processes and seek feedback for continuous improvement.

6. Community Events and Workshops:

Organize events, workshops, and public meetings to gather input and feedback from stakeholders.

Employ a combination of lectures, workshops, and interactive sessions to facilitate meaningful dialogue.

7. Digital Surveys and Data Collection:

- Design surveys based on stakeholder engagement plans and priority themes, utilizing platforms like Microsoft Forms for distribution.
- Process and analyze both qualitative and quantitative data to gain insights into citizen preferences and concerns.

8. Visualization Tools:

- Use 3D visualization tools to present feedback and ideas collected from stakeholders, providing a comprehensive understanding of community preferences.

9. Reuse Labs:

- Establish collaborative partnerships with key stakeholders and conduct stakeholder analysis to identify focus groups.
- Organize reuse labs to engage specific demographics, such as children, and document outcomes for presentation to city council.

10. Communication Strategy:

- Implement a comprehensive communication strategy using various channels such as social media, local newspapers, workshops, and conferences.
- Foster ongoing dialogue and engagement to raise awareness of circular economy principles and sustainable urban development.

11. Transparency and Accountability:

Ensure transparency in decision-making processes by informing stakeholders about the use of their input and incorporating feedback into planning documents and policies.

Evaluate the effectiveness of stakeholder engagement efforts and continuously refine strategies based on feedback and lessons learned.

By following these steps and adapting them to the specific context of their cities, municipalities can effectively engage citizens in urban planning processes, leading to more responsive urban environments.

6. Conclusion

The exploration of Bodø Municipality's CityLab and stakeholder engagement

initiatives offers insights into creating more inclusive, transparent, and responsive

urban environments. The CityLab concept, both digital and physical, emphasizes inclusivity and transparency aiming to ensure that citizens voices are heard in decision-making processes. Bodø's experience with Citizen Involvement Software highlights the benefits of increased citizen participation, transparency, and efficiency, while also underscoring challenges such as the digital divide and concerns about the quality of engagement.

Bodø's CityLab activities provides a framework for other municipalities and organizations to replicate and be inspired from. Key elements include an inclusive approach that values diverse perspectives, leveraging both digital and physical platforms for engagement, organizing community events and workshops, employing digital surveys and visualization tools, establishing reuse labs for targeted engagement, implementing a comprehensive communication strategy, and ensuring transparency and accountability throughout the process.

By following these steps and adapting them to their specific contexts, cities can effectively engage citizens in urban planning processes. Bodø Municipality's experiences serve as a guide for municipalities seeking to enhance citizen involvement and create positive local change.

Appendix 1: Evaluation CityLab

Citizen involvement is an important part of the Smart Bodø initiative. It is important that all our citizens feel that they have a real opportunity to influence the processes that create our city. Through the establishment of Bodø CityLab, the municipality intends to inspire increased involvement and ownership among the Bodø community's many different actors. One of the main goals of the project is to develop new methods for participation, so that we can reach out to more of the social groups that often fall outside the traditional participation processes that exist.

The CityLab has been established as a groundbreaking pilot project where much of the development, research and innovation will take place *while it is in operation*. The project will promote co-creation and real participation across own organisations, businesses, clubs and associations, as well as academia and citizens. Through close cooperation with the inhabitants themselves, The CityLab will be an arena for trial and error. The project's primary mandate is to test groundbreaking new methods and arenas for citizen dialogue, participation and co-creation.

The CityLab is owned by all the municipality's service departments and will demonstrate that the municipality is rethinking the way employees work and are organized. During the 2018 establishment year, each department has had the opportunity to test its own forms of citizen dialogue and participation events. This has helped create ownership and experience across the organisation, so that we are better equipped to develop the concept in accordance with the needs we ourselves want solved –and not least in line with our citizens' expectations. An important part of the solution for the project's establishment is that the municipality must provide considerable resources in the form of own time to those involved, where it is important that this becomes the entire municipality's project (and not just that of individual departments) in order to fill it with content.

"The CityLab appears as a unique arena where residents have the opportunity for direct dialogue with the professional resources working in the municipality. We as employees also get a better understanding of expectations, with further opportunities to present our solutions based on this. The City Lab also allows for greater openness by using it for presentations and information meetings. This probably makes it easier for the individual citizen to participate as the venue at the Library invites informal attendance."

"We have reached out to residents to a much greater extent than before, both to get comments and input. The municipality has been more visible to the residents, and they have gained a closer insight into what we are working on, and the projects we have. Good to get a permanent base for meetings and sharing info. The potential is probably greater than what we have managed to achieve."

"It is an arena for meetings and information exchange between public authorities, especially the municipality, and citizens, including organizations, associations, clubs and other interest groups. It provides an opportunity to become familiar with current plans and measures, and to provide opinions, input, comments and protests and establish a dialogue."

Perceived challenges:

- Free up personnel to plan and execute events. The CityLab is experienced as activity that comes "in addition" to other work tasks.
- The CityLab should have its own budget so that the hosts could take the initiative on operations, facilitation, improvements, equipment and promotion.
- The area is fluid and challenging as there are no clear demarcations in what is CityLab and not CityLab. This means that there may be confusion in who belongs to what and who organizes an event. There should be clear banners and materials indicating who citizens can turn to and what they can attend.
- A more visible program would give a better overview of what was going on in the CityLab at any given time. It lacks a website with a good calendar function, contact information, input and general information.
- Challenging to inspire people to participate. Experience of disturbing others who sit and read newspapers and books, as well as students who worked close to the lab.

- Considerable work must be done in advance to ensure attendance and participation. CityLab events need to be better at moving out into local communities and staying open at a time that suits most people.
- A type of mandate should be prepared for The CityLab about how professional resources are in place for how times, what we have the authority and opportunity to perform, how to get the proposals forward fromidea, to decision and up to implementation.
- More citizen-oriented technological aids such as information screens or feedback devices in the form of those used for user surveys at airports are required.

The way forward

CityLab is a communication channel that all service departments can use to interact with the municipality's residents. It should be the preferred input arena for all the major urban development projects the municipality participates in –and the lab has thus been written into a number of research projects. Smarter Transport, New City, New Airport, FME/ZEN and INDU-ZERO are some of the projects The City has been given a central role in. One of the most prominent projects Bodø municipality is a participant in is the new Horizon 2020 EU project "CityLoops". Here, the municipality's main delivery will be to develop The CityLab into a leading digital and physical tool for participation on behalf of Europe. The focus in will be to lift The CityLab from a meeting place to a participation tool.

Internal groups:

Each department will, together with the CityLab host, establish an internal group that will record needs and wishes for further facilitation and use of the CityLab. This shall include a representative from each of the department's relevant service areas following the very successful model from OK. (Meeting point 1 time per quarter).

Steering group:

1-2 representatives from the internal groups are elected as a representative to The CityLab's steering group. Through monthly development meetings, the steering group is responsible for highlighting issues/solutions for the further operation of CityLab on behalf of its respective department.

Sustainability Ambassadors:

The CityLab will continue to be an important part of the Smart Bodø initiative. Visibility of how the SDGs are being worked on will thus be included as part of the future CityLab setup. Each event must link visibility to one or more of the SDGs. This is done through available process guidance by the CityLab host.

New guidelines from the library

Events in CityLab should be perceived as open, relevant and inclusive, both in content, audience reception and implementation. CityLab Stormen is zoned for small, open events, without the use of a PA / microphone. (approx. 20 pcs)

Appendix 2: Overview of communication activities

Activity	Title and content	Number of people reached	Link	Media
Media articles	Military airport becomes research project on loose masses/ Militær flyplass blir forskningsprosjekt på løsmasser	300000	https://www.tu.no/artikler/militaer-flyplass-blir-forskningsprosjekt-pa-losmasser/485093	Linkedin, Facebook, Other
Media articles	Skal vise frem nye Bodø - gjennom avansert teknologi!	50000	https://bodonu.no/skal-vise-frem-nye-bodo-gjennom-avansert-teknologi/29.11-03:01	Linkedin, Facebook
Media articles	Bodø participates in a prestigious European project - Tor will lead it./ Bodø deltar i prestisjetungt EU-prosjekt - Tor fikk lederjobben	50000	https://bodonu.no/bodo-deltar-i-prestisjetungt-eu-prosjekt-tor-fikk-lederjobben/05.07-03:34	Linkedin, Facebook
Media articles	Bygger Ny By i Stormen: – Vi ønsker at folk skal oppleve og delta!	50000	https://bodonu.no/bygger-ny-by-i-stormen-vi-onsker-at-folk-skal-oppleve-og-delta	Facebook, Other
Events - Participation in a Conference	Hvordan implementere sirkulær økonomi i byutviklingen?	150	https://avfallnorge.no/kurs-og-arrangementer/cityloop-hvordan-implementere-sirkulaer-okonomi-i-et-byggeprosjekt	Linkedin, Facebook, Other
Events - Participation in a Conference	Case: City Loops og Bodø kommunes arbeid for sirkulære anskaffelser av møbler. / Case: City Loops and Bodø municipality's work for circular procurement of furniture.	300	https://www.miljodirektoratet.no/aktuelt/arrangementer/2020/november-2020/klimasamling-for-kommunene-i-troms-og-finnmark/	Linkedin, Facebook
Media articles	120 barn og voksne har bidratt til hva de mener skal være med når prosjektet Ny by - Ny flyplass skal bygges.	50000	https://bodonu.no/barna-vil-ha-flytende-burgerbar-i-havna-trampolinehall-og-klatrepark/02.10-12:32	Linkedin, Facebook, Other
Events - Organisation of Workshops	Avdekket forbedringspotensial hos Bodø kommune – mottok historisk pris for arbeidet	50000	https://bodonu.no/avdekket-forbedringspotensial-hos-bodo-kommune-mottok-historisk-pris-for-arbeidet/15.12-10:55	Linkedin, Facebook

Media articles	Going Circular: 7 European Cities' Quest to Become Fully Sustainable	2000000	https://www.yesmagazine.org/economy/2021/03/12/construction-waste-sustainable	Linkedin, Facebook
Media articles	Leier prosjekt som skal bidra til eit meir miljøvenleg EU	15000	https://www.fjordingen.no/nyhende/2019/12/06/Leier-prosjekt-som-skal-bidra-til-eit-meir-milj%C3%B8venleg-EU-20543690.ece	
Communications campaign (e.g. Radio TV)	National TV Broadcast TV2 Etter tillatelse fra TV2 har vi fått lov og dele denne fantastiske saken om CityLoops, ny by og den digitale tvillingen. Vi gleder oss til framtiden!!	500k+	https://www.facebook.com/OffisiellBodoKommune/videos/199058265359662/	Facebook, Other
Media articles	Ny by - ny flyplass, Ny bydel | Se bildene - her er det folket vil ha	100k+	https://www.an.no/se-bildene-her-er-det-folket-vil-ha/s/5-4-1421490	Other
Participation in event other than a conference or workshop	National Conference: property development and social sustainability	400+		Other
Events - Participation in a Conference	Avfall Konferanse 2022/ Waste conference 2022	300	https://avfallnorge.no/kurs-og-arrangementer/avfall-norges-%C3%A5rskonferanse-2022	Other
Events - Organisation of Workshops	Competence forum	150+	https://nybybodo.no/ny-by-ny-flyplass/siste-artikler-om-ny-by-ny-flyplass/stor-interesse-rundt-kompetanseforum	Other
Videos /films	CityLoops - Seven European cities pilot solutions to be more circular (was part of video parts)	1900	https://www.youtube.com/watch?v=OIBXq1rdLbk	Linkedin, YouTube, Other
Events - Organisation of Conference	Avfall Norge Hvordan implementere sirkulær økonomi i byutviklingen? / How can we implement circular economy in city development - Waste Norway	500+	https://avfallnorge.no/kurs-og-arrangementer/cityloop-hvordan-implementere-sirkulaer-okonomi-i-et-byggeprosjekt	Linkedin, Other

Events - Participation in a workshop	Arctic innovation Week GNIST Open data hackatlon / Åpne data hackathon	50	https://diginordland.no/2021/10/07/apne-data-hackathon/	Linkedin, Other
Events - Participation in a Conference	Enabling networks for circular economy: Norwegian Polish bilateral seminar and networking	50	https://www.linkedin.com/feed/update/urn:li:activity:6983410542505811968/	Linkedin
Events - Organisation of Conference	Insight: Water as a resource and threat	100	https://www.facebook.com/events/216287570944549/?acontext=%7B%22ref%22%3A%2252%22%2C%22action_history%22%3A%22[%7B%5C%22surface%5C%22%3A%5C%22share_link%5C%22%2C%5C%22mechanism%5C%22%3A%5C%22share_link%5C%22%2C%5C%22extra_data%5C%22%3A%7B%5C%22invite_link_id%5C%22%3A235196618930946%7D%7D]%22%7D	Facebook, Other
Events - Participation in a Conference	Nordic Day	100	https://www.linkedin.com/posts/tor-gausemel-kristensen-601a662b_internationalearthday-earthday-nordicdaypoland2023-activity-7057377898143391744-4QsQ?utm_source=share&utm_medium=member_desktop	Linkedin
Events - Participation in a Conference	Digitalisation conference: Section C- Sustainability and digitalization / Bygge en ny bydel i Bodø	500+	https://www.digdir.no/digdir/digitaliseringskonferansen-2023/4113	Linkedin, Other
Events - Organisation of Workshops	CityLoops workshop in Bodø including public procurement	20		Other

Events - Organisation of Conference	North Norwegian European days- How can Nord Norway realise its potential in Europe's green transition through public-private partnerships?/ Hvordan kan Nord Norge ta ut sitt potensiale i Europas grønne omstilling gjennom offentlig – privat samarbeid for Nord Norske Europadager	100	https://www.northnorway.org/europadager-2022/bodo-programbeskrivelse/	Linkedin, Facebook, Other
Events - Organisation of Conference	Tekna- Teknologi, bærekraft og innovasjon i Bodø kommune/ Tekna- Technology, sustainability and innovation in Bodø Municipality	30	https://www.tekna.no/kursarkiv/44000/teknologi-barekraft-og-innovasjon-i-kommuner-i-bodo-kommune-44791/	Facebook, Other
Communications campaign (e.g. Radio TV)	Environmental Podcast from Nordland County: Can we reuse ourselves out of municipal collapse/Miljø NFK Podkast: Kan vi gjenbruke oss ut av kommunal kollaps	240000	https://open.spotify.com/episode/6U0ix9s2cgsA9yOfwSkh1S?si=30badf27ed3f4ea3&nd=1	Linkedin, Facebook, Other
Videos /films	Denne uken hadde vi besøk av et knippe ingeniørstudenter fra Saxion University i Nederland! Studentene har vært på befaring ved dagens terminalbygg på flyplassen for å finne ut av hvordan vi kan bruke bygget når ny flyplass står klar i 2029/ This week we had a visit from a bunch of engineering students from Saxion University in the Netherlands! The students have visited the current terminal building at the airport to find out how we can use the building when the new airport is ready in 2029	1900	https://www.facebook.com/watch/?v=1355986575252789	Linkedin, Facebook, YouTube, Other
Videos /films	Episode 5: Do we have the world's most detailed map of Bodø?/ Episode 5: Har vi verdens mest detaljerte kart over Bodø?	64	https://www.youtube.com/watch?v=SQqYZeW5z0c	Linkedin, YouTube, Other
Events - Organisation of Workshops	Workshop Bærekraftige innkjøp Quality Hotel Ramsalt / Workshop about sustainable public procurement at Quality Hotel Ramsalt with RWS	15		Other

Events - Organisation of Workshops	Student challenge presentations from Nord University at Folketshus- Storsalen	70		Other
Events - Participation in a workshop	CityLoops Porto GA	60+		Linkedin, Other
Events - Participation in a workshop	CityLoops Replication Workshop Vienna	20		Linkedin, Other
Events - Participation in a workshop	CityLoops Replication Workshop Ghent	15		Linkedin
Events - Participation in a Conference	Norway-Singapore Science Week 2021 - Sustainable Urban Development	35	https://www.youtube.com/watch?v=78jZwuqDJV8	YouTube, Other
Events - Participation in a workshop	Planning a new neighbourhood in Bodø – Will you join?/ Planlegge en ny bydel i Bodø – Blir du med?	200+	https://www.facebook.com/events/453743725311750/?locale=sw_KE	Facebook, Other
Website & web articles	Military airport becomes research project on loose masses/ Militær flyplass blir forskningsprosjekt på løsmasser	24000+	https://www.tu.no/artikler/militaer-flyplass-blir-forskningsprosjekt-pa-losmasser/485093	Linkedin, Facebook, Other
Events - Organisation of Conference	The recycling loop - Research days 2020/ Gjenbruksloopen / Forskningsdagene 2020	100	https://www.facebook.com/events/1070135246716972/	Facebook, Other
Events - Organisation of Conference	Circular Procurement Virtual Series: Identifying opportunity and ambition	300+	https://circularprocurement.ca/virtualseries2020/	Facebook, YouTube, Other

Participation in event other than a conference or workshop	Klimapartnere- Nord universitet belønner grønn kompetanse/ Nord University rewards green competence	186	https://www.klimapartnere.no/losninger/nord-universitet-belonner-gronn-kompetanse/	Facebook, Other
Social media	Delte ut 20000 for miljø og bærekraft	35	https://www.facebook.com/handelshogskolen/posts/3219945478110102/	Facebook, Other
Events - Organisation of Conference	Avfall Norge Konferanse 2020- How to implement circular economy in urban development?/Hvordan implementere sirkulær økonomi i byutviklingen?	50+	https://avfallnorge.no/kurs-og-arrangementer/cityloop-hvordan-implementere-sirkulaer-okonomi-i-et-byggeprosjekt	Facebook, Other
Events - Organisation of Workshops	New city festival - stimulation of a new neighbourhood in 3D	3000+	https://nybybodo.no/program/en-simulering-av-ny-bydel-i-3d-slik-vil-bodos-befolkning-at-den-nye-byen-skal-se-ut?instance=0	Facebook, YouTube, Other
Website & web articles	Flytende burgerbar til Bodø? Eller konsert i flyshelter?/ Floating burger bar to Bodø? Or a concert in air shelters?	500+	https://nybybodo.no/ny-by-ny-flyplass/siste-artikler-om-ny-by-ny-flyplass/flytende-burgerbar-til-bodo-eller-konsert-i-flyshelter	YouTube, Other
Events - Participation in a Conference	KBL Boligkonferansen 2022 Digital innovasjon for sosial bærekraft- hvordan planlegge fremtidens kommune ved hjelp av å bruke innovativ teknologi/ KBL Housing conference 2022 - Digital innovation for social sustainability - how to plan the municipality of the future by using innovative technology	500+	https://www.delegia.com/app/netattm/attendee/page/100694	Facebook, Other
Press releases	Bodø municipality came in 10th place on the list of which municipalities received the most EU support, through the Horizon 2020 project./Bodø kommune kom på 10.plass på listen over hvilke kommuner som fikk mest EU-støtte, gjennom prosjektet Horisont 2020.	500+	https://bodo.kommune.no/aktuelt/bodo-kommune-pa-prestisjetung-topp-10-liste#:~:text=prosjektet%20Horisont%202020.-,Bod%C3%B8%20kommune%20kom%20p%C3%A5%2010.,forsknings%2D%20og%20innovasjonsprogram%20Horisont%202020.	Linkedin, Twitter, Facebook, Other

Website & web articles	Bodø and the EU – a love story?/ Bodø og EU – en kjærlighetshistorie?	100+	https://nybybodo.no/smart-bodo/siste-artikler-om-smart-bodo/bodo-og-eu-en-kjarlighetshistorie	Facebook, Other
Participation in activities organised jointly with other EU project(s)	Revolutionizing how buildings are renovated / Revolusjonerer hvordan bygg renoveres	100+	https://nybybodo.no/gjenbruk/siste-artikler-om-gjenbruk/revolusjonerer-hvordan-bygg-renoveres	Facebook, Other
Events - Organisation of Conference	Future transport solutions - Fremtidens transportløsninger	500+	https://avfallnorge.no/kurs-og-arrangementer/fremtidens-transportlosninger	Facebook, Other
Website & web articles	Increasing investment in green research: - We have the opportunity and responsibility/ Øker satsningen på grønn forskning: - Vi har mulighet og ansvar	100+	https://nybybodo.no/smart-bodo/siste-artikler-om-smart-bodo/oker-satsningen-pa-gronn-forskning-vi-har-mulighet-og-ansvar	Facebook, Other
Events - Organisation of Conference	Arendal week 2022 REGIONAL ENGINES FOR SUSTAINABLE DEVELOPMENT/Arendalsuka 2022 REGIONALE MOTORER FOR BÆREKRAFTIG UTVIKLING!	100+	https://nybybodo.no/ny-by-ny-flyplass/siste-artikler-om-ny-by-ny-flyplass/arendalsuka-2022	Facebook, Other
Events - Organisation of Workshops	Bygg den nye byen i minekraft! / Build the new city in Minecraft	200+	https://www.gjenbruksuka.no/nyheter/bygg-den-nye-byen-i-minecraft	Linkedin, Facebook, Other
Events - Organisation of Workshops	Material stream analysis in Bodø	30+	https://kraftnord.no/2023/materialstrommer-i-bodo/	Linkedin, Facebook, Other

CITYLOOPS

CityLoops is an EU-funded project focusing on construction and demolition waste (CDW), including soil, and bio-waste, where seven European cities are piloting solutions to be more circular.

Høje-Taastrup and Roskilde (Denmark), Mikkeli (Finland), Apeldoorn (the Netherlands), Bodø (Norway), Porto (Portugal) and Seville (Spain) are the seven cities implementing a series of demonstration actions on CDW and soil, and bio-waste, and developing and testing over 30 new tools and processes.

Alongside these, a sector-wide circularity assessment and an urban circularity assessment are to be carried out in each of the cities. The former, to optimise the demonstration activities, whereas the latter to enable cities to effectively integrate circularity into planning and decision making. Another two key aspects of CityLoops are stakeholder engagement and circular procurement.

CityLoops started in October 2019 and will run until September 2023.