



# Planning and decision-making in Bodø

Extract from the Demonstration Report

Bodø, Norway



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This text describes Bodø's experience in planning and decision-making for the work in the Overall environmental program and specifically the municipal soil strategy. The sections come from Bodø's CityLoops demonstration report available [here](#).

## Overall environmental program: Soil and mass management in the city

An Overall environmental Program was created and manifested for the new city district development with policies for the four categories: nature conservation, mass handling, circular treatment of materials, and energy efficiency. CityLoops has been the work leader for preparing the mass handling-category and a substantial contributor in the circular treatment of materials-category.

The overall environmental program is a part of the overarching framework for the development of the new city district and provides the framework for climate and environmental goals in the development. It can be seen as a manifested mass treatment policy for Bodø's development of the new city district.

### Objectives for soil management in the new city district:

- It is an overarching goal for the urban development area that all masses are to be reused.
- When supplying new masses, these must, as much as possible, be non-virgin.
- Transport of masses must be reduced to a minimum by means of local intermediate storage and reuse.

### Recommended measures for soil management:

- Plans for soil handling in the projects must be based on circular economy and environmental friendliness handling (the waste pyramid should be indicative, see Figure 2).
- All available knowledge and digital tools must contribute to decisions in the planning of mass handling.
- Established guidelines and best practice for handling clean and contaminated masses must be used as reference when mass handling strategies are laid.
- Facilities/reception equipment must be established for intermediate storage of masses that can be used in future or ongoing projects in the same or nearby area.
- Mass accounting/databank and a digital marketplace for released masses should be prepared.

## Decisions regarding material management.

Material handling goals and actions have been stimulated by the project CityLoops, for example, with the development of the new city district after the future relocation of the airport, new ambitions have gained importance.

### Objectives for circular material use in the new city district:

- All of the new city district is to be developed after circular economy principles, including residential areas, industries and offices, infrastructure, outside areas and other city functions.
- Reuse materials and masses in constructions
- Design for disassembly
- Use products and materials with long lifespan.
- Use products and materials suitable for reuse and recycling.
- Use products and materials made from sustainable sources and production processes or made from waste or bio-products.
- Implement circular business models, such as sharing, reuse, reparation, etc.

## Municipal soil strategy

Through project work in municipal soil management group, it was decided to create a suggestion for a strategy for soil management in Bodø municipality. The strategy work was started by CityLoops but will not be finished by the end of the project. The strategy will be short and directly connected to the different roles involved in soil management, with an objective for improved cross-sectorial collaboration.

The group has suggested the following strategic goals for the municipality:

- Efficient **resource utilization** (less extraction and less landfilling)
- **Minimal emissions** from soil management
- **Minimal costs** from soil management
- Bodø municipality shall have a **good overview** of **where the soil ends up** and **what it is used for**.
- It shall be easy and efficient to **monitor/follow up** that soil management is done after the plan and in a good way, and deviations shall be **followed up and sanctioned**.
- Bodø municipality shall be **experts on optimal utilization** of the soil typically found in Bodø. Optimal utilization follows the waste hierarchy

(reduce, reuse at site, high quality reuse in other project or agriculture, low quality reuse in other projects, backfilling, landfilling).

## Municipal mindset commitment and awareness

The CityLoops Project has been an active stimulator of organizational change, it has created awareness of how circularity is linked to several aspects of the everyday city operations.

There has been a closer collaboration of departments to involve them in co-creation. As an organization, there has been a continuous development now for example in the procurement department there is one specific employee working solely with development of different aspects related to improving efficiency, implementing best practices and achieve innovative solutions, as well as the strategy towards more inclusion of circularity and sustainability aspects. Although it has to be said that it is not a result of one single department, joint organizational efforts and awareness have made possible the development of different solutions like this one.

Recently, two positions, a legal adviser and a procurement advisor have been posted and inside the job publication it was mentioned the importance for these new employees to collaborate in tasks that help pursuing the organizational goals and use tools to strategically collaborate in the reduction of CO2 emissions.

### Juridisk rådgiver og Anskaffelsesrådgiver

**Bodø Kommune**

**i** Viktig melding: Denne stillingen har utløpt / er ikke aktiv

#### Stillingsbeskrivelse

##### Om stillingene

Ønsker du nye utfordringer innenfor et begivenhetsrikt fagområde? Anskaffelseskontoret skal nå utvide teamet for å kunne fortsette utviklingen av gode anskaffelser med særskilt fokus på klimaavtrykk, innovative anskaffelser, etisk handel og effektiv utnyttelse av det offentliges ressurser.

Anskaffelseskontoret er organisert under Økonomi- og finansavdelingen i Bodø kommune, og har ledig 100 % fast stilling som juridisk rådgiver og 100 % fast stilling som anskaffelsesrådgiver. Begge stillinger med tiltredelse snarest.

Anskaffelseskontoret jobber hovedsakelig med gjennomføring av anskaffelser og kontraktsoppfølging, og er kommunens sentraliserte enhet for anskaffelser. Dette betyr at anskaffelseskontoret fungerer som et nav der samhandling med ulike fagmiljøer står sentralt i kjerneaktivitetene på kontoret. Bodø kommune drifter også en innkjøpsentral som tilbys andre kommuner i Nordland.

Offentlige anskaffelser er et betydningsfullt fagområde underlagt et levende regelverk, som får stadig større oppmerksomhet knyttet til det offentliges handlingsrom som ansvarlig innkjøper av varer og tjenester.

Gode anskaffelsesprosesser og profesjonell avtaleforvaltning er også blant de viktigste strategiske verktøyene for å sikre måloppnåelse av for eksempel 70% reduksjon i CO2 utslipp innen 2030.



 Abonner på stillinger

 Legg til i jobbsøker

 Les mer om Bodø Kommune



Kandidatmatch

*Illustration 1. Job announcement, showcasing the importance of CO2 emissions reduction posted in 2023.*

Source: <https://karrierestart.no/ledig-stilling/2317665>

## Direction

When collaborators switch job positions or join different departments or companies, they keep the competence and knowledge with them, bringing it to other horizons and it helps through a direct and indirect method to continue working with a development mindset and entrepreneurial focus to solve challenges with a circular economy approach.

Changes are necessary and having a progressive way of working, and collaboration has the overreaching potential to support goals and achieve them from different fronts.

## Iris Salten's development department is being strengthened

Iris Salten's development department went from one employee to three this month. Tor Gausemel Kristensen is now in place in the position of development manager, in addition to our new trainee Ådne Moholt.



*Tor Gausemel Kristensen and Ådne Moholt are in place at Vikan.*

### From the municipality to Iris

Tor has previously worked with investment, project management, aviation and analysis. In recent years, he has led the CityLoops development project.

- I already know Iris well through several development projects that I took part in when I was in Bodø Municipality. After working for a few years with the circular economy on a

Illustration 2. Communication post from Iris Salten, the local waste management company in Bodø and the Salten region of Norway.

Source: <https://irisnytt.iris-salten.no/artikler/utviklingsavdelingen-til-iris-salten-styrkes>



## Outcomes

The following positive outcomes have been identified:

- Have been collaborative processes involving distinct areas of the municipality.
- Are processes that take time to be implemented.
- Need an open dialogue.
- Need intensive use of resources and active involvement of different stakeholders.
- Are needed to reach organizational objectives.
- Have proven to be beneficial.
- Have promoted direct and indirect actions with dissemination and strong communication.

Need good communication and dissemination channels to spread the word.



# 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.



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