

Multiple benefits of reopening rivers in Oslo

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Oslo: 8 main rivers, and a policy to reopen where possible





Policy Document since 2015, updated 2022.

Policy Objectives:

- 1. Successful adaptation to climate change
- Better water environment and improved urban ecology (pollution + nature)
- Increased opportunities for outdoor recreation and better public health

Source: Oslo Municipality

Five stops along Hovin Creek – from source to sea



Source: Kjetil Lønborg Jensen, Oslo Municipality.

- Reopening is a lengthy and stepwise process.
- There is a window of opportunity for reopening when other projects are planned and executed along the river, for instance urban regeneration or infrastructure developments (road, rail).
- Urban reopening is not ecological restoration:
 insufficient space for re-meandering, floodplains and riparian vegetation
 - ➢ often no contact with the groundwater
- Different stretches have different compromises, balancing the rivers needs with the needs for:
 > housing, transport, business
 > parks, sport-fields and sport-halls
 > art installations etc.
- Almost 3 km reopened 2014-2023.

Status of Hovin Creek in the year 1959



Photo: Erik Næss. Source: Oslo City Archive

Source: Arbeiderbevegelsens arkiv

- Recipient of sewage and industrial wastewater.
- Stinking, and considered a health risk.
- Solution: hide it underground.

1. Bjerkedalen Park (400 m restored 2013)



Arial photo 2010. Source: Oslo Municipality.

Plans for reopening in 2013. Source: Oslo Municipality.

Construction Phase in 2013. Source: Oslo Municipality.



1. Bjerkedalen Park (pictures 2023)







All photos: Anders Iversen, 2023.

2. Tegelverkstomta (450 m restored 2015)



Arial photo 2010. Source: Oslo Municipality.

Plans for reopening in 2014. Source: Oslo Municipality. Construction Phase in 2014. Photo: Anders Iversen.



2. Tegelverkstomta (pictures 2023)



3. Ensjøbyen (1075 m restored 2016-2021)



Arial photo 2015 . Source: Wikipedia.

Plans for reopening in 2016 - 2021. Source: Oslo Municipality.

Work ongoing 2016 - 2021. Source: Oslo Municipality.

3. Ensjøbyen (pictures 2023)



All photos: Anders Iversen, 2023.



4. Jordal Park (500 m restored 2020)



Arial photo 2013 . Source: Oslo Municipality.

Plans for reopening in 2020. Source: Oslo Municipality.

Work ongoing 2017. Photo: Kultur- og idrettsbygg Oslo KF



4. Jordal Park (pictures 2023)



5. Klosterenga (400 m restored 2023)



5. Klosterenga (pictures 2023)









All photos: Anders Iversen, 2023.

Reopening rivers in Oslo: Challenges experienced



• Algae bloom will occur in the beginning but disappear after some years.



• Bathing water quality will probably not be reached until upstream stretches are remediated.

Reopening rivers in Oslo: Success criteria



Policy Document since 2015, updated 2022.

- Cross-sectoral coordination within the municipality, across Water Services, Urban Planning, Environment, Property Management etc.
- Clearly distinguished roles and responsibilities.
- Planning and acquisition of sufficient space for the river.
- Coordinated financing of the project, as part of municipal investment plan.
- Early involvement and participation from the local community and affected residents.
- Coordination with other projects in the same area (urban regeneration, infrastructure etc.).
- Professional assessment and planning, design and implementation, maintenance and operation.

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