Urban and Environmental Services of the City of Oulu – Introduction

18.3.2019
Oulu – the Light of the North

In 2026, Oulu will be a sustainable growth centre in the North. It will combine a cheerful atmosphere with cutting-edge technology, entrepreneurship and skilled workforce, as well as a distinctive and evolving culture. Oulu offers a high level of education and is home to many young people.

- Population 203,659
  - Average age 38.2 years
    - Men 49.9 %
    - Women 50.1 %
- Area: 3 880 km²
- Land: 3 031 km²
- Water: 849 km²
<table>
<thead>
<tr>
<th>Courage</th>
<th>Fairness</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>We are daring, bold and brave. We make choices for a better future. We are ready to try something new and leave the old behind.</td>
<td>We do things openly together and take others into account. We are open-minded and appreciate each other.</td>
<td>We want to promote a sustainable way of life so that future generations will also have the opportunity to make choices. A responsible way of action contributes to security.</td>
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</tbody>
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Urban and Environmental Services: Utilities and Staff

YHDYSKUNTA- JA YMPÄRISTÖPALVELUT TOIMIALA
Yhdyskuntajohtaja Matti Matinheikki

<table>
<thead>
<tr>
<th>Number of Staff</th>
</tr>
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<tbody>
<tr>
<td>Urban and Environmental Services: Utilities and Staff</td>
</tr>
<tr>
<td>Building Supervision</td>
</tr>
<tr>
<td>Environment Office</td>
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<tr>
<td>Oulu Infra Municipal Enterprise</td>
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<tr>
<td>Oulu Waterworks</td>
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<tr>
<td>Department for Rescue Services</td>
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185
30
56
205
125
455
# Budget for 2019

<table>
<thead>
<tr>
<th></th>
<th>OPERATING REVENUES</th>
<th>OPERATING EXPENSES</th>
<th>INVESTMENTS</th>
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</thead>
<tbody>
<tr>
<td>Urban and Environmental Services</td>
<td>78,234</td>
<td>-74,525</td>
<td>41,930</td>
</tr>
<tr>
<td>Building Supervision</td>
<td>3,506</td>
<td>- 3,301</td>
<td>100</td>
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<thead>
<tr>
<th></th>
<th>TURNOVER</th>
<th>INVESTMENTS</th>
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<tbody>
<tr>
<td>Environment Office of the Oulu Region</td>
<td>5,095</td>
<td>0</td>
</tr>
<tr>
<td>Oulu Infra Municipal Enterprise</td>
<td>25,416</td>
<td>600</td>
</tr>
<tr>
<td>Oulu Waterworks</td>
<td>37,500</td>
<td>19,900</td>
</tr>
<tr>
<td>Oulu-Koillismaa Department for Rescue Services</td>
<td>36,900</td>
<td>250 leasing purchases EUR 2.045 M.</td>
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Urban and Environmental Services

Urban and Environmental Services manage property holdings, organise services, and carry out the official duties of its field of operation, including

- development and planning,
- management of service orders,
- supervisory duties, and
- preparatory work prior decision-making.

Some of the services it single-sources to city-owned public utilities and outsources to tendered private contractors.

The tasks include, among other things,

- strategic land-use and detailed planning (zoning),
- seeing to the planning and construction of green spaces and streets,
- provide expertise on the maintenance of the aforementioned and manage the maintenance service orders,
- management of city-owned properties, and official duties regarding public spaces,
- the city’s parking inspection,
- attend to the landed properties and property development of the city,
- manage the property transfers required by housing construction and businesses, and
- upkeep geographic information data and ensure the functionality of the Geographic Information System.

Top Projects

- Oulu, Deltaic City vision 2019
- Kiikelin Löylymaailma 2020 Sauna World
- Linnamäen Innovation Campus 2020
- Asemanseutu – Multifunction Arena 2023
- Raksila area 2022
- Terwa Tower 2023
- Housing Fair 2025
- Torihotelli – the Market Square Hotel
- Airport Hotel 2019
- Hupisaaret – citizens’ meeting place
- Raatti – seaside area
City Planning

City Planning develops the urban environment, city structure, and image by guiding, planning, and tailoring the city land use.

Planning provides a setting for good living environment and promotes the ecologically, financially, socially, and culturally sustainable development.

Plans are developed in cooperation with local residents and various operators.

City Planning also instruct and guide local residents and others in land use-, housing-, and construction-related matters.

City Planning has two levels:

**Master planning (yleiskaavoitus)**
- Strategic land use planning (zoning) and guidance
- General Master Plans and local plans (osayleiskaavat)
- Preparations and assessments
- Regional cooperation regarding land use, traffic, and housing

**Detailed planning (asemakaavoitus)**
- Land use planning
- Detailed plans and their alterations
- Deviation decisions of land use designations
- Development plans of Action Areas

2018 in Numbers
A total of 26 new detailed plans and changes made to detailed plans
- covers 237 hectares in total
- included building rights for approx. 1,015,686 square metres of floor area
- 107 deviation decisions and decisions on areas in need of planning
Land and Surveying

- Land transfers
- Contracts relating to land
- Housing development
- Geographic information and map services
- Land acquisition
- Maintenance and development of city-owned areas and disused properties

Official Duties
- Cadastral surveying services
- Housing administration
- Agricultural administration
- Services for constructors

- Marketing of corporate plots 2019 – The best place for enterprises is here!
- Housing production aims for 2019 - 120 detached house plots - row house plots for 250 apartments - apartment building plots for 630 apartments
- CircVol – Utilising side streams and earth masses in cities – the circular economy area in Välimaa
- Making-City – Kaukovainio pilot project. Oulu is part of an international project which aims to create low-carbon cities
Streets and Parks

Areas of Responsibility

- Planning of transport system and traffic routes
- Traffic management and traffic safety
- Planning, construction, and maintenance of streets, cycling routes and pavements
- Planning, construction, and maintenance of parks and green areas

Official Duties

- Regional public transport authority
- Regional municipal waste management official
- Parking control management

Public transport route planning and Oulu infra are preparing for the expansion of the Linnanmaa campus

Oulu Invests in Cycling:
- City bike system starts operations
- Main cycling routes will be improved.

There are about 600 km of pavements and cycling routes, and approx. 900 km within the entire Oulu region.
Sustainable transportation

Public Transport
- Operates within the City of Oulu and the municipalities of Ii, Kempele, Liminka, Muhos, and Lumijoki.
- 49 bus routes
- Over 9 million trips a year
- Part of the nationwide Waltti travelcard system

City Bikes
- 600 bikes, 60 stations
- The city bike system starts operating on June 1, 2019
- The user licences will be integrated into Waltti cards
- Oulu will be the first Waltti city to implement the city bike system
- the bikes will be pink like the Oulu region’s cycling brand colour.

Cycling in the City Area
- Within the inner city area, 23% of transportation is cycling
- Within the entire Oulu region, the percentage is almost 17%

The cycling main routes have priority for winter maintenance, and it is possible to track the progression of the snow ploughing in real time.
Building Supervision

Building Supervision furthers, guides, permits, and supervises the creation and preservation of a high quality building stock and comfortable environment.

Building Supervision serves the residents of the municipality and takes care that the public interest is taken into account.

Official Duties

- Permit building
- Supervise building and the construction of build environments and cityscape
- Provide guidance and counselling for builders and renovators (private persons and enterprises)

2018 in figures
- ~ 2300 permit decisions
- ~ 6700 inspections
- Permit-processing time ~ 21 days

Development projects
- Improving electronic services
- eLighthouse – energy-efficient building
- ICNB - Promotion of the use of information models in building control and construction
Environment Office of the Oulu Region

Units of the Environment Office of the Oulu Region
- Environmental Protection
- Environmental Health Control
- Veterinary Care

Environmental protection
- Permits, notifications, and inspections relating to environmental contamination prevention, waste management, soil removals as well as water and air protection and noise cancelling
- Issues related to the recreational use and conservation of nature, and land-use planning
- Monitoring and reporting on the state of the environment
- Coordination and development of environmental protection in Oulu

Environmental health control
- Supervision, permits, and notifications relating to the Food, Health Protection, and Tobacco Acts as well as, regarding nicotine products, to the Medicines Act.
- Promoting healthiness of living environments

Veterinary care
- Basic veterinary services and urgent veterinary care for farm animals and pets
- Supervision of extractive industries and animal products.
- Promoting animal welfare
- Prevention and protection against animal diseases - Animal protection

Oulu Waterworks

- Oulu Waterworks (Oulun Vesi) acts as a water supply facility in accordance with the Water Services Act and, as a municipally owned company, finances its operations charging its customers for fixed and usage fees.
- Oulu Waterworks is Finland's fifth largest water utility.
- Delivers daily 33,000 cubic meters of good quality water to its customers at reasonable prices, and is responsible for sewage drainage and purification, to protect the purity of water resources. It also improves the attractiveness of living environment by managing the surface-water systems.
- Two water surface-water plants and 20 groundwater-pumping plants are responsible for the region's water supply.
- Waste water treatment is regionally centred at Taskila's waste water treatment plant.
- There are approx. 3,900 kilometres of pipes in the water supply, sewage, and surface-water drainage systems to upkeep.
- Annually, 50 kilometres of pipes are built or renovated.
Oulu Infra Municipal Enterprise

**Earthwork Services**
- Builds and repairs streets, outdoor sports areas and tracks, as well as water and sewerage networks
- Produces field and ground surveying services
- Responsible for the upkeep of emergency stockpiles and, together with environment maintenance services, for the preparedness for crisis and states of emergency

**Environment Maintenance Services**
- Produces services for the management of public areas (streets, green spaces and outdoor sports areas) and environmental construction
- Provides equipment maintenance, forest management, and safety inspections and repairs to playgrounds and outdoor sports areas

- About 24,000 trees grow in the city's sapling stand
- There are about 160 playgrounds and street workout parks to inspect
- There are about 180 km of ski trails and sports tracks to maintain
Oulu-Koillismaa Department for Rescue Services

Accident prevention (risk management)

**Safety communication** - Provides information and guidance, and organises preparatory training to support self-preparedness

**Supervision** of compliance with Chapters 2 and 3 of the Rescue Act. Also, the chemical control duties specified and in accordance to annual control plans.

**Rescue operations** - On standby for and attend to urgent accident and emergency calls

**Emergency care** - Provides basic paramedic and specialist emergency care within the area as well as in the municipality of Vaala in accordance with the cooperation agreement made with PPSHP (Northern Ostrobothnia Hospital District)

**First Responder Care**, supports the operations of emergency care units, is provided by 17 fire stations in accordance with the agreement with PPSHP (Northern Ostrobothnia Hospital District)

- 394 safety communication events which reached approx. 39,000 people in total
- 1,145 supervisory inspections to corporate and institutional sites
- 4,847 rescue operations, of which 1,026 were first responder care
- 50,155 emergency care operations, of which 15,793 were urgent