

eGovernment improves service with a 24/7 eService Geoportal

Geospatial World Forum, Lisboa 26.5.2015

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Espoo is the Second Largest City in Finland



- Date of birth 27.8.1556
- Population 265,646*
- Number of city personnel 14,051*
- Five city centres: Espoon keskus, Espoonlahti, Leppävaara, Matinkylä, Tapiola
- Area: 528 km²
- Land area: 312 km²
- Water area: 216 km²
- Islands: 165
- Lakes: 95
- Seashore: 58 km
- Municipal tax: 18 %
- Unemployment rate 8.4%* (Source: Statistics Finland)

^{*} December 2014



City Council City Board

External **Auditing**

Mayor

Mayor's Office

Social and **Health Services**

Family and Social Services

Health Care

Elderly Care

Education and Cultural **Services**

Finnish Education

Finnish Early Education

Swedish Department

Culture

Sports and Youth Department

Technical and **Environment Services**

- City Planning Department
- Technical Department
- Building Control Department
- Environment Department
- Premises Department

Public Utilities Services

Länsi-Uusimaa Rescue Department

Premises Services

Logistics

Catering

Public Works

Economic Management

Personnel Services

City Facts

ICT Services



Finnish municipalities (Technical and Environment Services)

- Have well organized and efficiently updated register and map databases
- Large scale cartographical and register data is mainly collected at municipality level
- The data is passed forward from municipalities to state level registers through interfaces
- One target is to offer customers good services and versatile eServices

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Technical and Environment Services in City of Espoo

Key responsibilities

- 1. Developing urban structures and town centers
- 2. City planning
- 3. Designing and building traffic lanes and other municipal engineering

Also management of environment and the townscape, and administration of the city's entire property mass Employees altogether 600 (City of Espoo: 14,051)



Development of Technical and Environment Services in City of Espoo

The project objective is to

- implement the key fast track development issues for customer service
- ensure the constant development of customer service

Targeted benefits: Enhancing the customer service related activities and developing customer service and customer perception.

Increasing the utilization of e-services in the customer service and municipal sector processes.

The long term target is having the best-in-class e-services in the municipal sector (benchmarking).



ESPO Data – Production – Management, and Tools

- City of Espoo organization ("inside"):
 - Data production and management
 - Querying, analyzing and distributing

- eServices for the customers ("outside"):
 - Information distrubuting
 - Data distributing
 - eServices





Built environment data production and management

- City of Espoo organization "inside"
- TOOL: Trimble Locus
 - a set of modular software applications for managing built environment data which covers the following areas and applications:
 - Municipal Registers
 - Land Use Planning
 - Cadastre
 - Building Control
 - Property Management and
 - Street and Park Management





Querying, analyzing and distributing GIS and business data

- City of Espoo organization "inside"
- MAIN TOOL: Trimble Webmap
 - access to spatial and business data via a web browser on the intranet
 - data looks the same as in the operational system
 Trimble Locus
- BACKGROUND TOOL: Bentley ProjectWise
 - Digital document management
 - Trimble Locus and Trimble Webmap
 integration





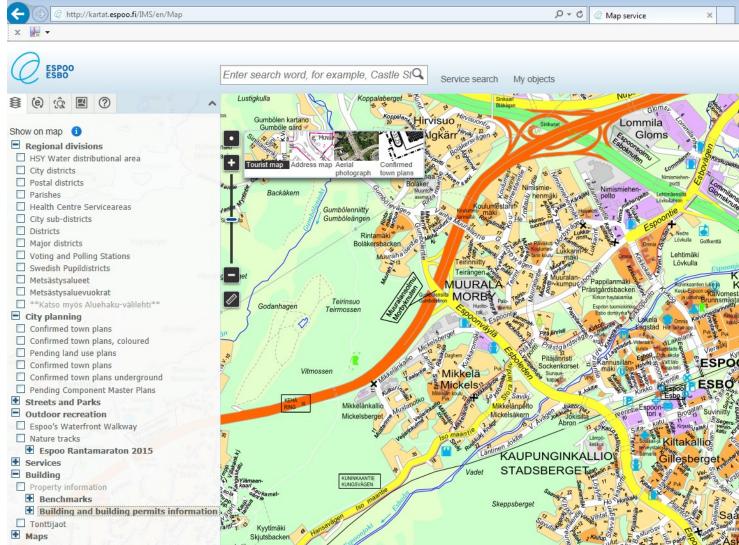
Construction and land-use eService 24/7

- eServices for the customers "outside"
- TOOLS:
 - Internet Map Service
 - Construction and land-use eServices
 - eCity Web Store
 - Feedback
 - Visualization and interactive urban planning





Internet Map Service



?

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Construction and land-use eServices



På svenska Olet kirjautunut nimellä Purhonen Ari Muuta tietoja Kirjaudu ulos

Oma työpöytä > Luo uusi

Luo uusi hakemus tai hanke napsauttamalla nuolipainiketta rivin perässä. Infopainikkeen takaa löydät lisätietoja kyseisestä asiasta.

reak cine	
Ennakkon	nateria

Muu muutos

Johtoselvitysrajaus

alin toimittaminen **(1)** > Uudisrakennus Laajennus Aitaaminen Huonetilamuutos ja kantavan tai paloa 👔 🗾 osastoivan rakenteen muutos Julkisivumuutos Liitos kunnallistekniikkaan **1** Linjasaneeraus Luvan voimassaolon jatkaminen Maalämmityksen asentaminen **(1)** > Mainoslaitteiden asentaminen Märkätilan laajennus Parvekkeiden ja terassien lasittaminen 🕦 🔀 Rakennuksen purkaminen Takan ja savuhormin rakentaminen **1** > Vajat, katokset, rakennelmat, laiturit **(1)** >

Maankäyttö

Asemakaavan muuttaminen Asemakaavasta poikkeaminen (poikkeamispäätös) Rakentaminen asemakaava-alueen ulkopuolella (suunnittelutarveratkaisu / poikkeamispäätös) Kaupungin suostumus uuden 0 > rakennuspaikan muodostamiseen (lohkomis- tai halkomislupa)

Piha ja ympäristö

Puunkaato pihalta **(1)** Metsänhakkuut, muu kuin tontti- tai piha-alue Muun kuin rakennuspaikan maisemaa 👔 🗾 muuttava hanke Maa-ainesten ottaminen **1**

Kiinteistötoimitukset ja tonttijaot

Tonttijako **1** Tonttijaon muutos **(1)** Tontin lohkominen **(1)** > Tilan rekisteröinti tontiksi **(1)** Yhdistäminen **(1)** > Halkominen Rasitetoimitus **(1)** > Rajankäynti **(1)** > Rajannäyttö Yleisen alueen lohkominen (Kaupungin 1) sisäinen hakemus)



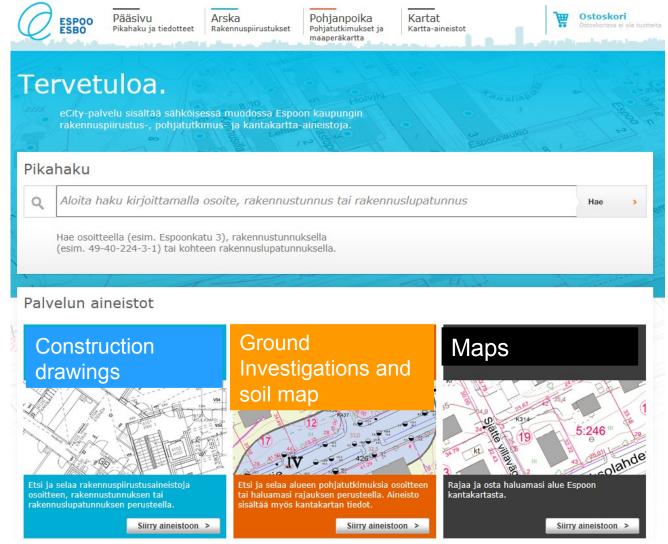
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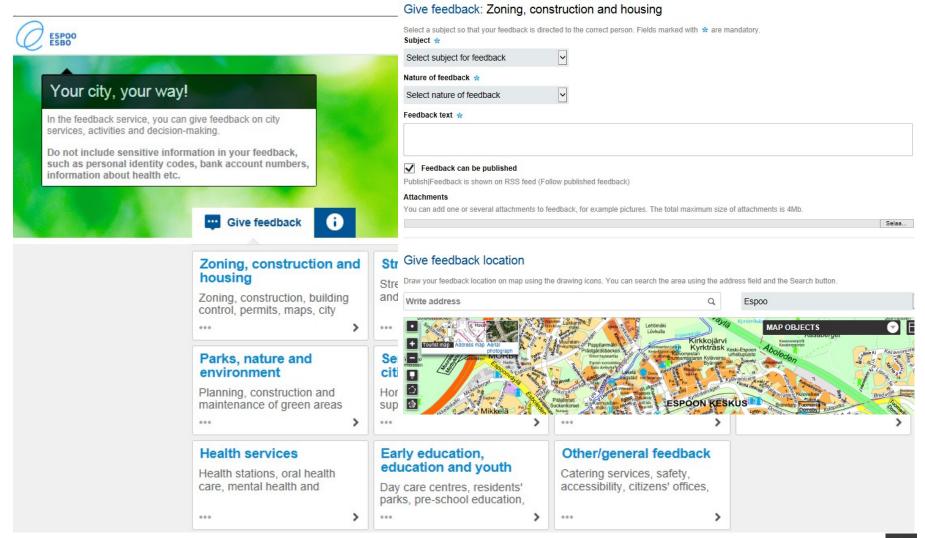


eCity Web Store





ESPOO Feedback



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Visualization and interactive urban planning

Mission in Leppävaara

(city center in Espoo)





What kind of Leppävaara is to your home or workplace? And what is the best recreational area, or how to travel to stores, the library, and to work? And what should be built and where? Do you have ideas?

Follow the projects and comment on the map, ideas and send a picture or draw on the map with your thoughts! Ask and comment on the projects and other ideas.

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Thank You!

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http://www.espoo.fi/en-US/Housing_and_environment http://www.espoo.fi/materiaalit/espoon_kaupunki/verkkolehti/annual-report-2014/