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FORUM VIRIUM HELSINKI



Photo: Jussi Hellsten, City of Helsinki

Company, participate in open trial applications

Let's develop together from Helsinki the most functional smart city in the world! So what does co-development of Helsinki mean in practice? One way to develop a smart city is challenge-based open trials. Currently, there are plenty of open trial applications: we are looking [for solutions that utilize artificial intelligence to reduce the carbon footprint in the AI4Cities project](#), [digital solutions for the sustainable development of tourism](#) and [diverse sustainable tourism data](#) in the 6Aika Carbon Neutral Tourism project, and [digital innovation to enhance air quality measures in](#) the HOPE project.

[Check out all trial searches](#)



Photo: Forum Virium Helsinki

Technical expert, come work for us!

Forum Virium Helsinki is looking for a technical expert for the international SmashHit project. The EU-funded project is part of Forum Virium's smart transport team. In the SmashHit project, we develop and test solutions for utilizing vehicle data. In the project, we also improve the interoperability of smart traffic services. In particular, we focus on solving challenges related to personal data, such as the transfer of profiling data or access rights from one organization to another in accordance with the principles of personal data.

[Read more](#)



Photo: Forum Virium Helsinki

Smart technology helps memory sufferers

In Helsinki, promising results have been obtained in the utilization of smart technology in the care of elderly people with memory problems. The Kustaankartano senior center has been experimenting with an innovative multisensory sensory room for the past year. From the research results of the experiments, it can now be seen that the use of psychiatric drugs, depression and anxiety among elderly people with memory problems decreased during the sensory room experiment. In addition, in Helsinki, the nature experience offered by VR glasses was tried out for memory sufferers.

[Read more](#)



Photo: Lauri Rotko, Helsinki Marketing

Helsinki introduced .helsinki addresses

On December 2, 2020, the City of Helsinki opened the first website address ending in .helsinki. The goal of the new .helsinki pages is to improve the findability and customer orientation of the online services of the City of Helsinki. The first new site opened was [testbed.helsinki](https://testbed.helsinki.fi), presenting Helsinki's experimental platform operations.

[Read more](#)

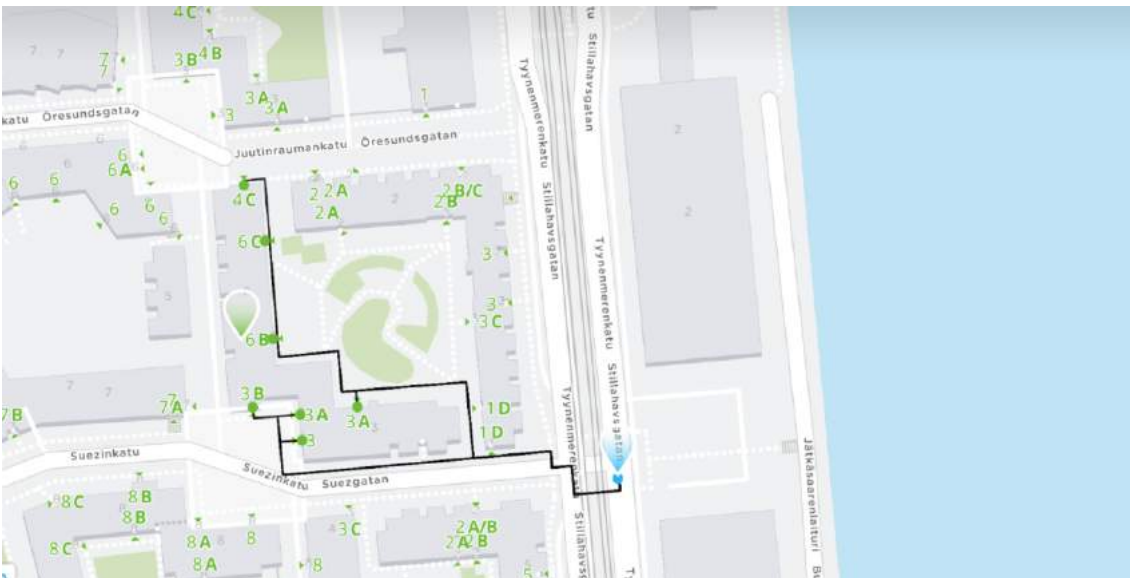


Photo: Forum Virium Helsinki

Smoother distribution logistics in Helsinki

The distribution operations of logistics companies in Helsinki are made easier by utilizing new information about building entrances. An experiment started in October, which is carried out by Tietorahti, which offers a mobile map service. In Tietorahti's experiment, professional drivers are provided with accurate information about the entrances and doorknobs of buildings in the center of Helsinki, which Forum Virium Helsinki's twenty summer workers collected from the center of Helsinki in the summer of 2020.

[Read more](#)



Photo: SmashHit project

Survey on the use of personal data

Personal data is collected in more and more contexts. However, the topic raises concerns regarding information security. The aim of this survey is to map people's attitude towards the use of personal data when developing new and more targeted services. The survey also examines the role of service providers as users or producers of data. The answers to the survey will be used in the EU project [SmashHit](#), the aim of which is to promote the reliable sharing and safe use of personal data.

[Read more and answer the survey](#)



Photo: Vesa Laitinen

The test robot helps with Christmas gift collection

In an experiment coordinated by the innovation company Forum Virium, an autonomously moving robot receives Christmas tree collection gifts at Kansalaistor. At the same time, the robot collects data about the challenges and opportunities of autonomous transport. The robot receives gifts for children at the main entrance of the central library Oodin Kansalaistor on Thursday 10.12. and on Friday 11.12. between 11 a.m. and 5 p.m.

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Photo: Janne Simola

Information about tourism with the help of satellite data

How can the sensitive ecosystem of the archipelago be protected when developing new nature tourism destinations? During the summer of 2020, Forum Virium implemented smart solution pilots, the purpose of which was to find out which routes are used in Helsinki's Vasikkasaari and how people affect the wear and tear of the sensitive archipelago nature. Separate pilots were tendered in the spring, and the companies [Zero Gravity](#) and [Hypercell](#) were chosen as the implementers .

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Photo: RedStone Aero

Drones to help maintain urban infrastructure

Assessing storm damage, surveying park benches and hunting for harmful alien plants - drones can do it all. We are investigating how carbon-neutral drone services can replace combustion engine-powered operations in the management of urban areas. In the spring of 2020, we started a program of rapid experiments, in which we were looking for new drone services to support urban infrastructure together with Stara, the city of Helsinki's construction services company.

Read more

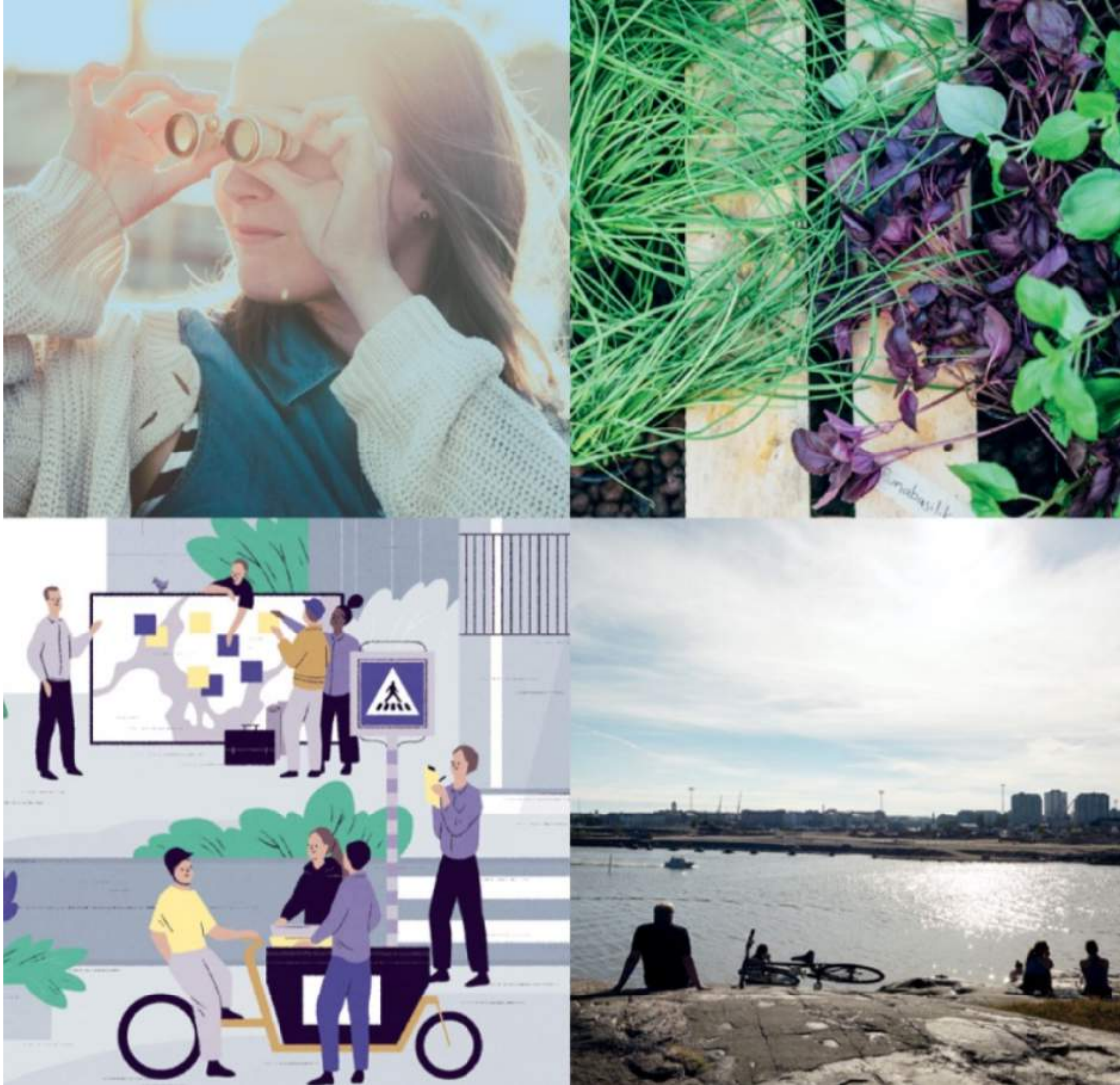


Photo: Forum Virium Helsinki

Collect the urban development guides

Forum Virium Helsinki, together with project partners, has published several urban development guides during 2020. Download the [Guide to Quick Experiments](#), the [Housing Company's Data](#) Guide, the Training [Ride Publication](#) and [Built for Nature](#), which are intended to support planners, builders and other entities working with green infrastructure.

Get to know the materials and download

Upcoming events

- [From challenges to solutions - new technologies of serviced housing](#)
17.12.2020, webinar
- [AI4Cities Request for Tenders webinar](#)
15.12.2020, webinar
- [AI4Cities PCP Matchmaking event](#)
17.12.2020, webinar
- [CroBoDDIT webinar series on waste management](#)
14.1.2021 webinar: Hackathon challenge announcement
- [Save the Date: FABULOS Final Conference](#)
18 February 2021, webinar

Forum in Virium media

- [Many pay too much for housing due to unnecessary energy consumption by housing associations - these measures save money and the environment](#)
Helsingin Sanomat 22 November 2020
- [The sustainability of tourism is monitored with satellite data](#)
Verkkouutiset 11/13/2020
- [A drone could photograph storm damage and identify alien species - "The saving potential in money and time would be great"](#)
Helsingin Uutiset 27.11.2020



We develop urban solutions of the future

Forum Virium Helsinki is the innovation company of the city of Helsinki. We are making Helsinki the most functional smart city in the

world in cooperation with companies, the scientific community and
the citizens of the city.



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