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FORUM VIRIUM HELSINKI



Photo: Eetu Ahanen, Helsinki Marketing

The New York Times praise smart Helsinki

In an extensive article, prestigious US newspaper The New York Times talks about the services that make everyday life easier, the smart city pilots and the climate friendly energy solutions of Helsinki's Kalasatama. The newspaper presents Helsinki as a one of the top cities in the world in terms of sustainable development and quality of life.

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Photo: The YII 2020 Awards

Helsinki wins Digital Cities grand prize

The City of Helsinki has won the grand prize in the Digital Cities category at the global Year in Infrastructure conference. The awards handed out at the conference have been referred to as the Oscars of urban construction and infrastructure. City of Helsinki won the award with its Digital City Synergy project.

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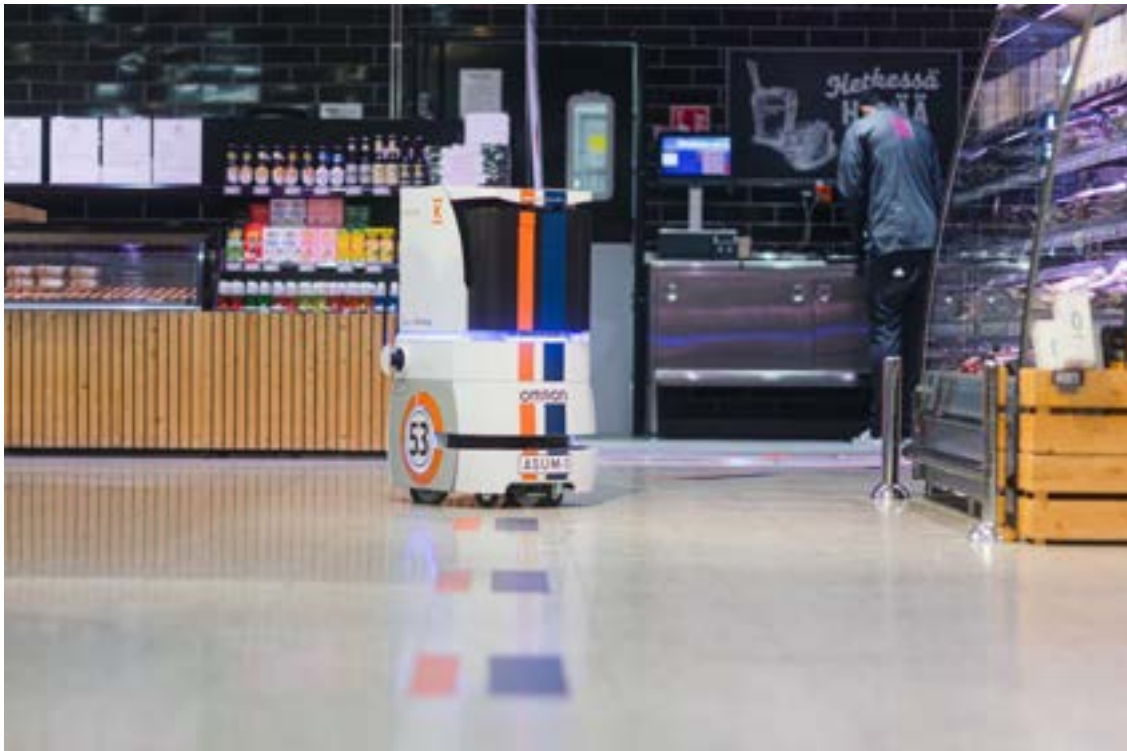


Photo: Forum Virium Helsinki

Pilot: Robot courier home-delivered food

Forum Virium Helsinki ran a pilot in the Kalasatama district with the aim of testing new smart home services and finding new solutions for light deliveries in an urban environment. The Omron robot delivered meals on demand from K-Supermarket to the Majakka high-rise building. The pilot was coordinated by Forum Virium Helsinki, designed by Muotohiomo and operated by Dimalog with partners SRV and KONE.

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Photo: Ari Reinikainen, Dimedia

Mission to electrify heavy-duty vehicles

Is it possible to transform an entire, old diesel vehicle fleet to run on electricity? Helsinki has taken on the challenge. The Stara eRetrofit project is an essential step in reaching the capital's ambitious climate goals, as it collects valuable data on everything from costs to all aspects technical. Conversion of the first truck has started, with pilot runs scheduled for upcoming months.

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Photo: Synergy project

Big Data platform in the Synergy project

The EU Horizon 2020 supported Synergy project revolves around digitalisation and the more precise utilisation of data related to electrical networks. Smart and optimised electricity networks help improve both energy efficiency and the operation of the networks. Furthermore, the increased information flow between different parties in the market will enable the establishment of new business models and operators in the electricity market.

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Photo: Julia Kivelä, Helsinki Marketing

MaaS expands to archipelago transport

Getting to know the archipelago in Helsinki is now easier than ever before when an island-hopping ticket can for the first time be bought directly in the Whim application. The September pilot project tested the opening of ticket sales interfaces. The implementation was a collaboration between the city of Helsinki's innovation company Forum Virium Helsinki, strategy, design, and technology company Reaktor, Whim developer MaaS Global, JT-Line and CRD Systems, and the Helsinki culture and leisure division.

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Photo: FABULOS Project

The first round of FABULOS pilots finalised

The overall aim of the FABULOS pre-commercial procurement is to accelerate the introduction of new types of automated last-mile solutions entering the European market. Therefore, when the pilots are finalised, the procuring cities and any third-party procurers will consider initiating a public follow-up procurement in 2021 based on the insights gained from the FABULOS project.

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Photo: Jussi Hellsten, Helsinki Marketing

Tools to lower restaurant carbon footprint

Could the carbon footprint of restaurants be reduced with digital solutions? The answer to this question will be sought over a period of six months in the Mission Zero Foodprint project, in which participating pilot restaurants will attempt to reduce their food waste and the overall carbon footprint of their operations with the help of three innovative tools.

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Photo: SmashHit project

Consumer content & data security survey

We are regularly asked to give away personal data in order to obtain access to services we wish to get. What are your thoughts on providing your personal data? The aim of this survey is to get a better overall understanding of the attitudes linked to consumer consent and data security, and to build an infrastructure that ensures personal data is only being used for the exact purpose that the consent was given. The objective of the EU-funded [smashHIT](#) project is to assure a trusted and secure sharing of data streams from both personal and industrial platforms which are needed to build sectoral and cross-sectoral services.

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Upcoming events

- [Drone as a Service Hackathon](#)
8–10th December 2020, online event
Apply by 30th November
- [MyData 2020](#)
10–12th December 2020, online event
- [FABULOS Final Conference](#)
18th February 2021, online webinar

Forum Virium in the media

- [Helsinki Makes Sustainability a Guiding Principle for Development](#)
The New York Times 14.10.2020
 - [Helsinki's Digital City Synergy digital twin project scoops top award](#)
Smart Cities World 30.10.2020
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Co-creating urban futures

We are the City of Helsinki innovation company. Our mission is to make Helsinki the most functional smart city in the world in co-operation with companies, universities and citizens.



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