



It's time to replicate!

Wed 29/1/2020 in Tampere, Finland

Replication workshop: Success Stories and Development Challenges of Carbon Neutral and Energy-efficient Mobility, Building and Energy from Finnish Lighthouse Projects

The Finnish cities share their experiences of developing low carbon solutions for energy, buildings and mobility. We will also discuss business models, legal and regulatory issues, and market barriers related to the case examples. This is an opportunity to share best practices and development needs and learn from others!

The workshop is open and free for everyone interested. Due to space restrictions, the number of participants is limited to max 50 participants.

Pre-registration is required by 16 January 2020:

<https://palvelut2.tampere.fi/e3/lomakkeet/19910/lomake.html>

- Time:** Wed 29 January 2020 at 9.30-17.30
Place: Finland, Tampere, Visiokatu 4 (VTT office)
Organizers: IRIS Smart Cities, Making-City, MAtchUP, mySMARTLife and STARDUST projects (projects have received funding from the European Union's Horizon 2020 research and innovation programme)
Language: The workshop is held in English

Further information

For any questions, feel free to contact Mrs. Anna Vilhula from The City of Tampere (anna.vilhula@tampere.fi).





Agenda

(Changes are possible)

9.00 Bus leaves from *Solo Sokos Hotel Tornî Tampere* (Ratapihankatu 43, near Railway station) to Visiokatu 4

9.30-10.00 Welcome and introduction: How to replicate?

- Social and economic aspects that are necessary for a successful replication, Mauritz Knuts, IRIS, Follower City Vaasa, SCC Task Group Replication co-chair

10.00-12.00 Case studies and technical solutions, mobility

- What do the new EU regulations for public transport mean to the Cities? Marko Paakinen from VTT
- Experiences on eBuses and future fleet plans in Tampere, Kalle Keinonen and Juha-Pekka Häyrynen, STARDUST, Lighthouse City Tampere
- Shared charging of buses and working vehicles, Marko Paakinen from VTT, mySMARTLife, Lighthouse City Helsinki
- Small municipal experiences in developing carbon neutral public transport, Johanna Kuusisto and Erkki Vähätörmä, MATCHUP, Follower City Kerava
- Promoting cycling in Northern Finland, Samuli Rinne, Making-City, Lighthouse City Oulu

12.00-12.30 Common discussion: Legal and market barriers related to mobility and how to overcome them

Moderator Diego Brancatelli, OVGROU@, STARDUST

12.30-15.00 Lunch and study visit: VTT's autonomous driving test area in Hervanta

STARDUST, Lighthouse City Tampere

15.00-17.00 Case studies and technical solutions, energy and buildings

- Cost Efficient Way to Retrofit Residential Buildings - lessons learnt in EU-GUGLE, Terttu Vainio, STARDUST, Lighthouse City Tampere
- Energy-efficient Kaukovainio, Samuli Rinne, Making-City, Lighthouse City Oulu



- Low carbon district heating - business models and learnings, Timo Heikkilä, STARDUST, Lighthouse City Tampere
- Merihaka Case, Salusfin Oy, mySMARTLife, Lighthouse City Helsinki
- Correct use of heating energy using smart thermostats, Fourdeg, mySMARTLife, Lighthouse City Helsinki
- Towards carbon neutral energy in Vaasa, Hans-Alexander Öst, IRIS, Follower City Vaasa

17.00-17.30 Common discussion: Legal and market barriers related to energy and buildings and how to overcome them

Moderator Diego Brancatelli, OVGROUPO®, STARDUST

17.30 Bus leaves from Visiokatu 4 to the City Center

18.00-19.00 Free time

19.00-22.00 Networking dinner at Restaurant Kuuma (Laukontori 21)

Additional program in Tampere during the week

The event is part of the Tampere Smart City Week. For those who can arrive early or stay later - check these out.

Tampere Smart City Week is held 25.-31.1.2020. Week presents a wide range of smart city developments through various events: smart tampere.fi/en/tscw

Smart City Mindtrek 2020 International Conference

The main event of the week is Smart City Mindtrek 2020 International Conference & Business Expo. The conference is held 28.-30.1.2020. More info about the program and tickets: smartcitymindtrek.org

Tuesday 28/1/2020

- Carbon-neutral building in energy transition: mindtrek.org/2020/carbon-neutral-building-energy
- Mobility - MaaS, Smart Tram Ecosystem, carbon neutral mobility: mindtrek.org/2020/mobility






Discount code for the Conference on Tuesday

With the code "**stardustSCMT20**" you are able to purchase a 1-Day conference pass for Tuesday 28th with a -30% discount. Valid until 31st of December, 2019. You can find the discount code box in the "payment" section from the lower right side corner during the purchase process. Make sure you have the right ticket type for the discount code and the code is written correctly and is valid.

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(Example photo, example code)

Accommodation and Hotels

Information about hotels that offer a special discount for the Smart City Week attendees staying in Tampere during the week:

smart tampere.fi/en/tscw/accommodation-hotels