



WALCC

World Alliance for Low Carbon Cities

» *Newsletter*
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Autonomous Vehicles and Mobility services – forming a national ecosystem



On December 7th, the World Alliance for Low Carbon Cities (WALCC) received funding from Tekes for developing a new ecosystem: Autonomous Vehicles and Mobility services (AVM). This project aims at establishing Finland as a leading innovation hub in transportation and mobility. Finland is already an acknowledged frontrunner in many technologies related to the transport sector, as evidenced by such examples as Valmet Automotive in electric vehicles, the Kutsuplus ridesharing pilot in Helsinki, Rightware as a pioneer in new interface technologies for cars, and MaaS Global and Kyyti as promising start-ups in the sector of mobility services. This trend will be further strengthened by the AVM initiative.

Mobility as a Service has been an innovation-spearhead for Tekes in promoting new opportunities in

digitalization. In 2017, the WALCC, in collaboration with Synocos and FLOU, has prepared the AVM initiative together with more than 30 different experts from companies, universities, cities, and ministries.

We expect an intense period of collaboration ahead of us with the ambition of generating many new concrete demonstrations and pilot projects. WALCC therefore actively looks for further participants in the ecosystem.

If your company would be interested in joining the AVM ecosystem, please contact us (Jussi Hulkkonen +358-9-62262629 jussi.hulkkonen@walcc.org)!

The Vision

The AVM ecosystem is a global frontrunner in mobility and transportation innovation and its members are key architects of the transformation in transportation.

Advantages

Participation in the AVM network offers access to world class knowledge through the contacts of WALCC and its core members. WALCC, through the AVM initiative, helps individual members to launch or kick-off concrete pilots, demonstrations or projects in international collaboration with leading experts.



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Joining the AVM ecosystem

The AVM ecosystem has three types of participating organizations:

- **Anchor organizations** (Anchors, A); together with WALCC (and its subcontractors) the anchors establish the rules of the ecosystem and steer its development through the Advisory Group. They support the activities through an annual fee payable to WALCC of €20 000.
- **Member organizations** (Members, M); participate actively in the execution of one or several work packages in the AVM development project and carry out own development work in parallel with the AVM project to strengthen the ecosystem (membership fees depend on depth of engagement, to be finalized by the Advisory Group in January/February 2018).
- **Observer organizations** (Observers, O); are interested in following how the AVM ecosystem evolves e.g. by participating in open workshops organized by WALCC relating to the project. They do not participate in the financing of the AVM program, but a follower organization may join the community as a member at a later point.

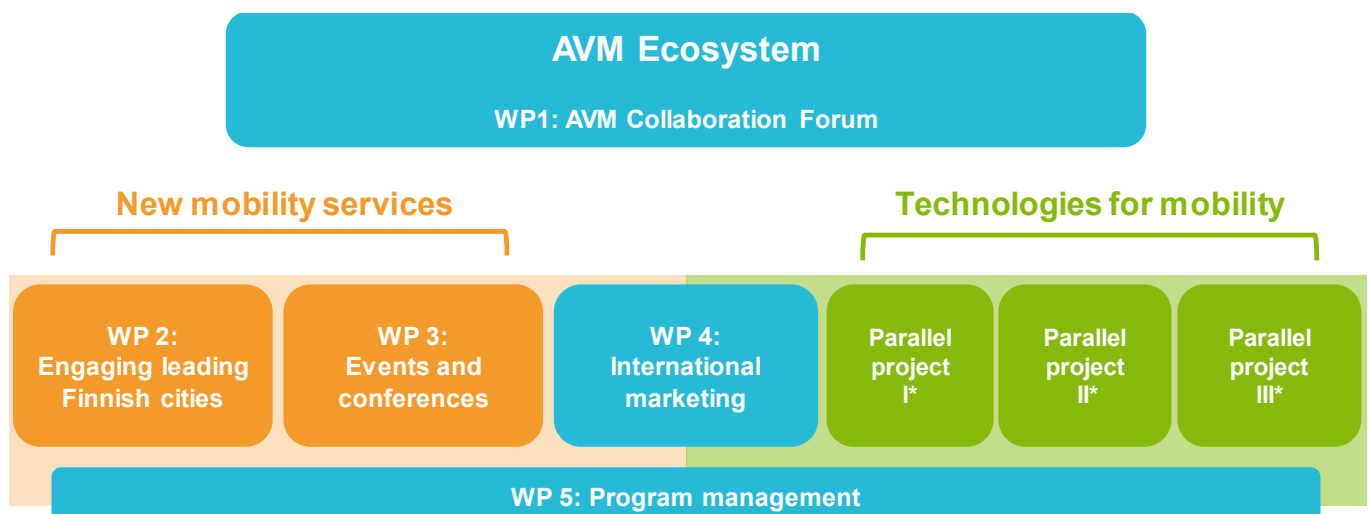
Committed participants

Organizations that supported the initial formation of the AVM ecosystem include:

- **Anchor organizations:** ABB, Fortum, Ponsse, and Valmet Automotive.
- **Member organizations:** Arctic RED, MaaS Global, Kyyti, AC2SG, and Plugit Finland.
- **Supporters:** Akkurate, Sito, ITS Finland, Witrafi, The Finnish Meteorological Institution, Smartmile Solutions, OurCnC, Semel, Dynniq, Parking Energy, Reittikioski, Perille Mobility Services, Finnish Transport Agency, the City of Vantaa.

Formation of the AVM ecosystem

The first phase of the development of the AVM ecosystem will be organized around five work packages as indicated in the following figure:



* To be determined together with Anchor organizations