

WINNER

Anu Tuominen

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Category: Crossmodality

Country: Finland

WINNER

Anu Tuominen has a long-standing interest in sustainable mobility, transport policy and carbon free transport. She has been engaged in EU funded research since she first participated in the FP4 project POSSUM (Policy scenarios for sustainable mobility, 1996-98). Since then, she has participated in a variety of National and EU funded projects covering a number of themes including how to measure the effectiveness European transport research and the impact of extreme weather events on transport systems. Currently Dr Tuominen is a member of the core group leading the transport themes of the H2020 funded MAtchUP smart city project and the very large (€53M) project NetZeroCities.

MAtchUP (MAtximizing the UPscaling and replication potential of high-level urban transformation strategies, 2017-23) aims at strengthening the planning processes for urban transformation. This will be achieved by using substantially improved models for replication and upscaling, based on impacts evaluation, and ensuring the bankability of the solutions by means of innovative business models. It will deploy large scale demonstration projects of innovative technologies in the energy, mobility and ICT sectors which will go beyond pilots conducted in the lighthouse cities.

Supporting the European Green Deal, NetZeroCities (Accelerating cities' transition to net zero emissions by 2030, 2021-25) will help European cities to overcome structural, institutional and cultural barriers to significantly reduce their greenhouse gas emissions and achieve climate neutrality by 2030. It will develop a service-oriented platform, co-create solutions, and develop new and improved existing tools, resources and expertise.

Dr Tuominen also contributes directly to policy creation and supporting the Finnish and European transport research via her enabling activities. Since 2017 she has been the Rapporteur of the Economics and Policies Working Group of ECTRI contributing to several position papers sent to the EC. In Finland she has supported the National Transport Climate Strategy and Road map works in 2007, 2015 and 2020. She was one of the core team members for coordination and delivery of the TRA 2020 conference (The Transport Research Arena 2020) in Helsinki, 2020.

Key research themes

Sustainable Mobility; Transport Climate Policy



Anu Tuominen (D.Sc.Tech.) is a principal scientist at the VTT Technical Research Centre of Finland Ltd. Previously she has worked for VTT as a research team leader and senior scientist and as a transport consultant in the private sector. Her professional experience lies in the fields of urban sustainable mobility transition, transport policy analysis, transport system-level impact assessment, socio-technical change and foresight.