**European projects**

**PROFILE FORM**

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| **Organization Name / Department** | University Paul-Valéry Montpellier 3 / Faculty of social and environment sciences, department of geography / Laboratoire de Géographie et d’Aménagement de Montpellier (LGAM) | **Organization Short Name** | UPVM3 |
| **Organization Type** | University  Public Research Centre  Large Scale Enterprise  Small and Medium Scale Enterprise | Public Body  International NGO  National NGO | |
| **Fields of Research/Technic/Expertise** | The department of geography covers all the fields of quantitative geography and urban planning. Our specialities are transport and mobility; natural risk management; urban planning & geomatic. Our privileged fields of study are Europe, Africa (north, east and west), Caribe and south of Asia. | ***Sub-Fields / Keywords:***  Transport and mobility; self-organized transport systems; autonomous and connected transports; geo-simulation | |
| **Short Description**  **of the Organization / Department** | The objective of the Laboratoire de Géographie et d’Aménagement de Montpellier (LGAM) is to restore a central place to geographical approaches and their operational spin-offs, particularly in land use planning, environment and risk management, through action research, field expertise, spatial analysis, modelling, co-construction and knowledge transfer. | | |
| **Previous Related Projects / Research Experience** | 2019: contribution to the COST Action CA16222 Wider Impacts and Scenario  Evaluation of Autonomous and Connected Transport (WISE-ACT) with a Short Term Scientific Missions (STSM) in Insight Center lab of University College Cork. STSM title: Comparison of Multi-Agent Systems and scheduling tools for assessing on-Demand Mobility Scenario of Autonomous Vehicles.  2020: strong contribution to the project “Innovative and economical alternatives for flexible and shared transport in the PACA region” holt by Didier Josselin (UMR ESPACE, Avignon University) and funded by PACA region (“Fabrique de la Connaissance” program 2020) | | |
| **Short Description of the Project idea**  **(if foreseeable)** | The proposal focused on the challenge of new autonomous and connected transport systems. Thanks to the fast-growing communication and autonomous driving technologies, our objective is to develop new flexible and connected public transport able to reduce the car dependency in urban areas. We propose to use geo-simulation methods as Agent-based simulation to analyze the benefits of such transport systems. | | |
| **Related Call/Topic** | **ERA-NET Cofund Urban Accessibility and Connectivity (ENUAC)** The proposal is mainly attached to the challenge 2 “Develop and support the implementation of innovative mobility systems and services with a potential to contribute to sustainable urban mobility”. Furthermore, by proposing to invest the influence of new communication technologies and citizen behaviour, the proposal could be also attached to the challenge 1 and 5. | | |
| **Contact Person** | Adrien Lammoglia | | |
| **Position in the Organization** | Adrien Lammoglia is lecturer/associate professor in geography, specialized in the self-organized and connected transport systems and geo-simulation | | |
| **Tel** | +33650091031 | | |
| **Email** | [lammolia.adrien@gmail.com](mailto:lammolia.adrien@gmail.com) | | |