

## Press invitation

Versailles, 7 November 2018

*Salon des Maires et des Collectivités Locales (mayors and local authorities exhibition)*

### **Artificial intelligence supporting local authorities:**

VEDECOM presents Altaïr Mobilités, a technological innovation for analysing and viewing mobility in geographic areas.

**The new Altaïr Mobilités decision-making tool analyses mobility needs in a given area. Local authorities can thus obtain thorough knowledge of the mobility situation in their region, make decisions and planning. Based on artificial intelligence technologies, it will be presented at the Salon des Maires et des Collectivités Locales (mayors and local authorities exhibition) from 20 to 22 November 2018.**

Mark your calendars!

### **Preview presentation of Altaïr Mobilités at the Salon des Maires et des Collectivités Locales**

**Analyse journeys,  
measure the impact of your decisions**

Every day, from 20 to 22 November 2018, VEDECOM invites you to attend a pitch at 10:30am and 3:30pm

Booth G77, hall 3, Paris Porte de Versailles exhibition center

### **View all mobility flows**

With data from car GPS systems, demographics and transport networks, data sources are increasingly varied and diverse. To exploit the synergies of this data, Altaïr Mobilités is developing a mathematical model to merge it all together. The aim is to obtain a single multi-source estimate to enable local authorities to identify the relations that exist between a given geographic area and the individuals in it. Using a viewing tool, local authorities can see all journeys made in their area during a typical 24-hour period on a map. The results are presented in 30-minute segments and histograms show the means of transport used (car vs public transport v motorised two-wheelers vs soft modes of transport), the socio-economic group and age of individuals. Altaïr Mobilités goes deeper than classical studies by taking into account unique factors, such as journeys related to leisure or shopping.

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### **A tool that fits the needs of all local authorities**

By providing 100% coverage of France, Altaïr Mobilités offers a method for measuring mobility that is suited to all areas, both urban and rural. With results available within 2 to 3 months, this method is also faster and less costly than current surveys, which last an average of one year and can require a budget in excess of a million euros. With this tool, local authorities have access to a variety of information to analyse their needs and mobility services, and to help in making planning decisions. The Altaïr Mobilités solution is fully in line with the spirit of the future French framework law on mobility. Presented in late November, this law aims to provide local authorities with solutions to plan and organise travel in their area.

Introduced within the context of the French National Research Agency's scientific research project [Norm-Atis](#) approved by [Mov'eo](#) cluster, Altaïr Mobilités is the result of a collaboration between the [VEDECOM Institute](#), the University of Technology Belfort Montbéliard and Mediamobile. The project is overseen by a multi-disciplinary team with a wide array of skills, in fields such as artificial intelligence, mathematics, statistics, information technology, mapping, human mobility and design.

Philippe Watteau, Managing Director of VEDECOM Institute, commented: "our research teams has developed a unique tool for analysing and viewing daily trips. This project is supported by the ANR (French National Agency of Research) is line with the Villani Report. "Altaïr Mobilités" is a real breakthrough wich will not only serve citizens and local authorities with AI but also gives rise to a new start-up.

More generally, VEDECOM is able to help local authorities in identify mobility major issues, and in making decisions to find adapted services. VEDECOM also provides tools and learning modules, draws up specifications, pilotes experimentations with automated vehicles and services. In addition, VEDECOM is able to deliver applications and adapted new generation infrastructure.

### **About VEDECOM**

The VEDECOM Institute for the Energy Transition (ITE) is based on a unique cooperative approach between players in the automotive and aviation sectors, mobility ecosystem infrastructure and service operators, academic research bodies, and local authorities in the Greater Paris region. Its objective is to support these players to collectively achieve high-performance innovation in the field of mobility, especially in the spheres of electric vehicles, autonomous and connected vehicles, and shared mobility and energy infrastructures and services.

In the framework of the French government's program of Investments in the Future, VEDECOM has received €54 million in subsidies. The Institute for Energy Transition's founders are: Cetim, ESIGELEC, ESTACA, IFPEN, IFSTTAR, Groupe PSA, Groupe Renault, Safran, UVSQ, and Valeo.

**Key figures at the end of 2017:** 15 R&D projects, 10 European projects, 50 members and partners, 3 fields of research and 1 training program, over 240 publications, 28 patents, 18 copyrighted software products, 70 theses, 175 employees and a commercial subsidiary called VEDECOM Tech, created in February 2017.

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