

UAM potential in Ile-de-France: preliminary results on sensitivity to price and travel time

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Short bio

Jacques Ferriere joined the RATP in 2020 as an R&D project manager. His scope of work entails exploring newer data sources and modelling techniques, in the hope of better understanding on-going changes to mobility patterns and the impact of new mobility services.

He previously worked as a transport planning and modelling consultant.

Abstract

As a worldwide, multimodal transport operator, the RATP group has already invested in a variety of mobility solutions, and is actively engaged in applying innovative solutions to enhance city living. The opportunity of Paris 2024 Olympic and Paralympic Games has spurred several partnerships, including with ADP Group and Choose Paris Region, so as to jointly explore the potential of UAM technology.

As a major mobility actor in Ile-de-France, RATP chose a localized approach to understanding how UAM could fit that region, as a complement to the global market studies undertaken by consultancy firms.

The purpose of this talk is to introduce the trade-off survey that was designed and sponsored by RATP in 2021, and to present some of the earlier results. More than 5,800 individuals were interviewed as part of this survey; these were split across demand segments defined by type of liaison, distance class and trip purpose. Rather conservatively, the survey introduced time and cost components to assess the potential mode shift towards an Urban Air Mobility service.