



INTERNSHIP 2023 S1 –Airparks for a clean Regional Air Mobility

Avions Mauboussin

Avions Mauboussin design the next generation of clean, hydrogen-powered silent ultra-short take-off and landing aircraft (HSTOL). The one that will introduce responsible regional hydrogen air mobility, meeting the requirements of modern transport and the new ecological values of customers, pilots and passengers.

Job description

1. Study the impacts of new air mobility on land use and urban planning :
 - a. Understand how these new air mobilities for transporting people and freight may influence current urbanisation trends;
 - b. Identify and detect suitable locations for the implementation of new types of mobility in the urban fabric through the introduction of data science tools;
2. Conduct research including :
 - a. defining the necessary usage scenarios to be considered as well as the benefits that the inhabitants and managers of the municipalities concerned can obtain;
 - b. analysis of data, urban development and attractiveness of territories, building regulations and morphologies of existing and potential urban fabrics, flows and impacts in the future;
3. Propose a strategy for the development of airparks :
 - a. Meetings and interviews with elected officials, regulators, air transport companies, private aircraft owners-operators as well as with multidisciplinary architectural and construction agencies;
 - b. Identification of available geospatial data, organisation of databases and their pre-processing;
 - c. Development of architectural designs for light and regional aircraft. Representation of the required architecture and its equipment;

Skills and qualifications

You are in final year of an engineering school, in 2nd year of Master or in a gap year with a specialization related to air transport or airports. You are autonomous and show a strong interest for aeronautics. A pilot license or an experience in amateur aircraft building is appreciated.

Location and duration

From March 2023, 4-6 months internship.
Located in Belfort, Bourgogne-Franche-Comté or Toulouse, Occitanie
In cooperation with EVCAU Research Laboratory, Paris.

How to apply ?

Send your resume and cover letter written in French or English to :
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