



Ayalon Highways is an Israeli MoT company that serves as the operational arm of the Ministry of Transport and is in charge of the metropolitan transportation solutions in Israel, managing innovative transportation projects related to smart transportation and operating the Testing Center of the Ministry of Transport.

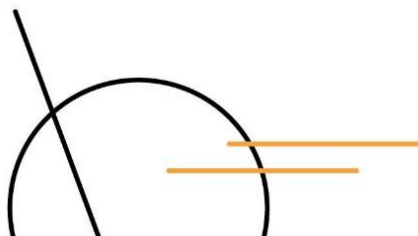
As part of this mission, we are developing smart transportation solutions that will create a modern metropolitan transportation ecosystem blending modern public transportation grids, carpooling and micro mobility solutions.

One of the aspects we are currently exploring in the area of micro mobility solutions relates to Urban Mobility in the Aerial Dimension. Ayalon Highways in cooperation with The Ministry of Transport and Road Safety, Civil Aviation Authority of Israel (CAAI), Israel Innovation Authority and the Fuel Choices and Smart Mobility Initiative, issued a Request for Information (RFI) on the need for regulation, use, and management of potential demand for light cargo transportation by low-altitude unmanned aerial vehicles (UAVs) in the metropolitan area and a Request for Demonstration (RFD) of feasibility.

The purpose of the RFI \ RFD is to develop an operating concept, learn, understand, solve the challenges inherent to this subject and promote all the infrastructures needed.

The whole process will be assisted by the company's Test Center that will be performing the physical, land, and air tests, to challenge the principles of the necessary future regulations, with the objective of enabling the sustainable operation of drones over time, as soon as possible, if it turns out that such a need exists.

Ayalon Highways and the CAAI will enable and assist tests and demonstrations to validate the technological capabilities, develop the infrastructures and regulatory principles needed, support and examine the business organization ability of the companies participating in the RFD.



Further stages of our program involve implementation of management traffic systems and "automatic coordination" between the various companies operating UAVs for commercial purposes and other users of the aerial space.

As part of the overall preparation for the above-described program, planned to be started this summer, we are looking for potential partners that are interested in submitting applications to the Horizon 2020 program in the following topics related to Urban Mobility in the Aerial Dimension:

- a. **Towards sustainable urban air mobility (MG-3-6-2020)**
- b. **U-space capabilities and services to enable Urban Air Mobility (SESAR-VLD2-03-2020)**

We would like to offer our program as the platform for the submission, as well as the coordination, preparation and the submission of the application for the groups.

For further information, please contact directly to Eldad Shaham eldads@ayalonhw.co.il and to Reut Borochoy reutb@ayalonhw.co.il

