

Are you interested in the future drone industry and Urban Air Mobility in Stockholm?

In an on-going project APIS, funded by Trafikverket (TRV), the implementation of UAM in Stockholm and Sweden is being studied. This means that a new technology and a new mode of transportation for goods and people will be introduced. In APIS we have mainly focused on introducing drone traffic in an urban setting like Stockholm. Hundreds of concepts are being developed with various scales of services and traffic, with various drones. What is still unknown is to what extent UAM may contribute to environmental goals, community services and to what extent Stockholmers will accept this new feature. It is known that noise is the number one aspect that may hinder drones from entering urban areas. For businesses, Stockholm city and region as well as citizens there is therefore a great need for more knowledge before decision makers can reach a go/no-go decision. How much traffic are we talking about? What type of drones? What is the noise footprints of particular drones or the traffic as a whole? This knowledge is useful for business development, Stockholm city and regulators. Stockholm is not interested in repeating some of the mistakes they experienced when introducing electric scooters... How can UAM be introduced in a balanced and smart way to maximize benefits (saving life, increasing services to Stockholmers etc.) and minimize its costs (mistakes, regrets, noise complaints etc etc.). Master thesis project may relate to a more applied cases concerning Stockholm or other cities like Östersund or a broader perspective to why there is a drone strategy in Sweden and EU and how this relate to a global mission driven innovation policy aiming for reducing climate impact from transportation. A master thesis project in this domain may focus on **Industrial development /transformation** or **Sustainability/Innovation**

Research project APIS (Acoustic Platform and Implementation System) and BUS (Bullerkonsekvensanalys av UAM i Stockholm) (Funded by TRV)

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