

ImAFUSA

Impact & Capacity Assessment Framework for U-space Societal Acceptance

The framework and its tools will collect insights influencing societal acceptance of UAM and produce indicators for:



ENVIRONMENTAL IMPACT

Different dimensions for measuring Environmental Impact will be defined like emissions, noise, air quality, visual pollution, etc.



SAFETY IMPACT

Existing air and ground safety indicators are summarised and combined with user feedback to define UAM Safety Indicators.



SOCIOECONOMIC IMPACT

New indicators for the wide deployment of U-space services will be developed assessing the Socioeconomic Impact on everyday life.

Data on citizen noise perceptions, perceptions of visual pollution, safety perceptions and overall UAM acceptance will be collected during 3 **immersive citizen experiences of UAM applications in the city of Athens, Greece.**

In each area, innovative performance indicators will be described while mathematical formulas and algorithms will be developed to quantify them.



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