

## OUR DEMONSTRATIONS

- 1. FF2020 Consortium**  
Defining requirements for a standardised UAM infrastructure
- 2. University of Oulu**  
5G/6G networks infrastructure adaptations
- 3. Ayuntamiento de Zaragoza**  
Autonomous Monitoring of mass events in a city to ensure safety and emergency operations
- 4. Tartu Science Park**  
Autonomous monitoring and predictive interventions of critical infrastructures in Tartu Science Park and the city of Tartu
- 5. Ospedale San Raffaele**  
Autonomous monitoring and predictive interventions of critical infrastructures in a hospital
- 6. High Tech Campus Eindhoven**  
The future last-mile and emergency delivery on campuses
- 7. High Tech Campus Eindhoven**  
Autonomous monitoring and predictive interventions of critical infrastructures on High Tech Campus Eindhoven
- 8. University of Oulu**  
Multi-purpose and specific service drones
- 9. Ospedale San Raffaele**  
Precision logistic services for air transport of critical medical and pharmaceutical material
- 10. Tartu Science Park**  
Last-mile delivery of medications and food for the elderly in social care programs



SCAN ME

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Flying Forward 2020



FF2020\_EU

### CONTACT US



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## Creating the 21st Century Spatial Ecosystem

Flying Forward 2020 is a 3-year collaborative research project. We are developing a new Urban Air Mobility (UAM) ecosystem by incorporating UAM within the geospatial data infrastructure of cities.

## OUR MISSION AND VISION

The FF2020 consortium aims to solve current UAM challenges by collaborating with different players globally. Additionally, while testing our solutions in Living Labs, we can open a dialogue with our end-users and citizens to help us improve upon our processes and results.

Ultimately, we want to have a positive and lasting impact on the quality of life of European citizens. We firmly believe that the way forward lies in creating sustainable partnerships and we welcome you to join us on our wonderful journey. Let's keep flying forward together!



## WHAT WE DELIVER

FF2020 is creating an entire state of the art geospatial UAM ecosystem, which includes:

- A governance model and framework
- A regulatory framework
- A geospatial digital infrastructure
- A Digital Toolbox
- An Identity of Things (IDoT) scheme
- Interoperability frameworks

## DESIRED OUTCOME

1. Developing appropriate and upscalable infrastructure
2. Facilitate the creation and implementation of drone regulations
3. Raising awareness of UAM to increase societal acceptance
4. Integrate stakeholder value chain solutions for UAM implementation and market uptake



## VALIDATION PROCESS

To validate our solutions and approach, we carry out 10 demonstrations in 5 Living Labs across Europe: Eindhoven, Milan, Tartu, Oulu, Zaragoza. The Living Lab partners will be able to specify their needs and requirements to ensure compliance with regulations, in terms of non-functional properties, safety, tools and processes.

## STAGES OF DEVELOPMENT

1

**Regulatory, governance and technology R&D and technical integration**

2

**Experimentation and validation**

3

**Regulatory, governance and technology integration propel scalability and sustainability**