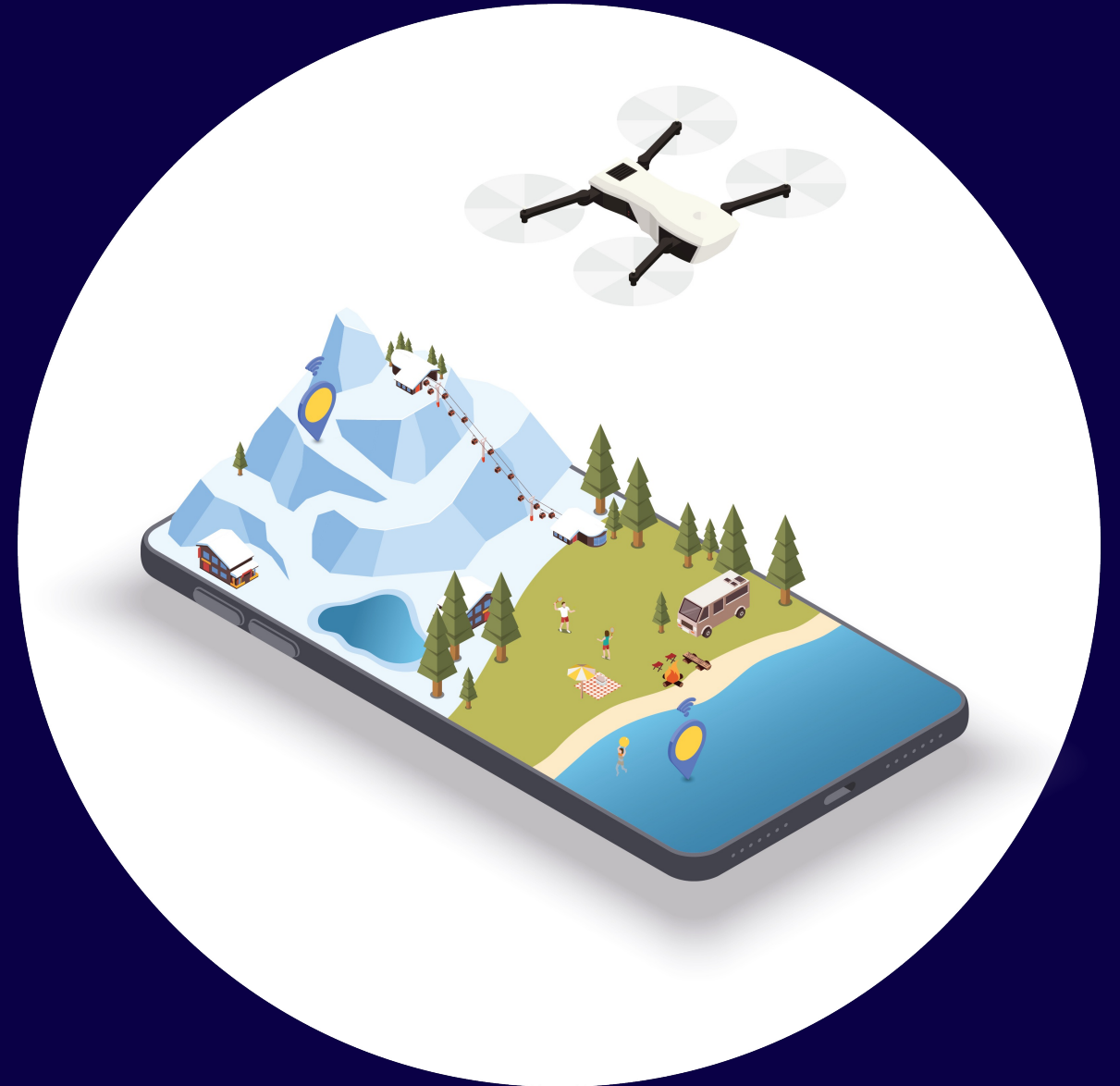




# 5G for a Better Tomorrow: Protecting Lives and the Environment in Riga and Turin

**Staņislavs Šeiko**

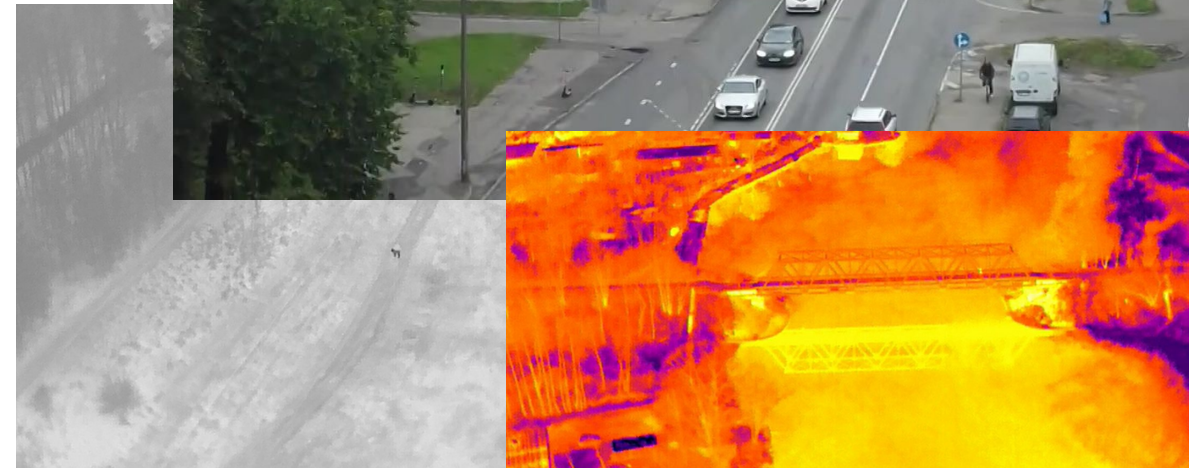
Strategic planning, Riga Municipal Police



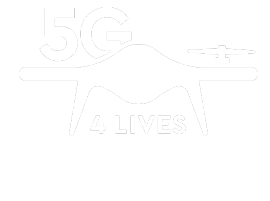
5G4LIVES project has received funding from European Unions CEF DIGITAL 2022  
5SMARTCOM program under Grant Agreement No 101133716

# UAV in a daily work

- ✓ RMP in cooperation with the State police is in charge of drone piloting control in Riga air space
- ✓ Carrying out daily tasks drones are used by RMP to perform:
  - Public safety during big events
  - Road traffic control
  - Inspection of unavailable (un accessible) territories and objects
  - Searching for lost persons, including criminals hiding in abandoned areas
  - Control of environmental and natural resource protection zones
  - Poaching control
  - Control on restriction to go on ice



# 5G4LIVES goals

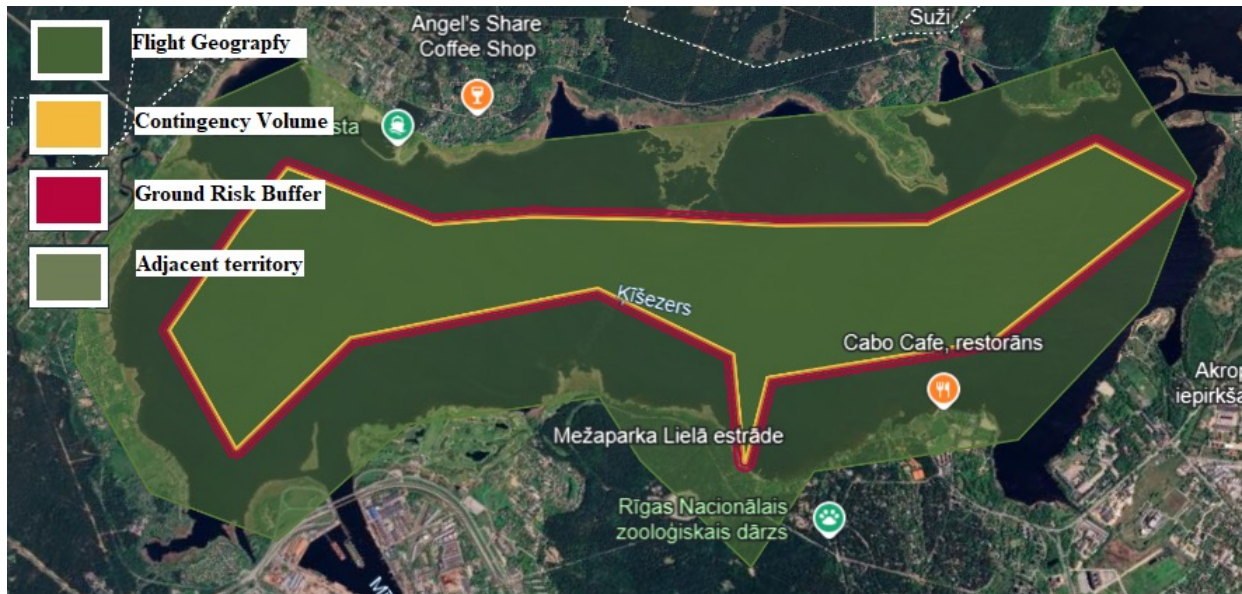
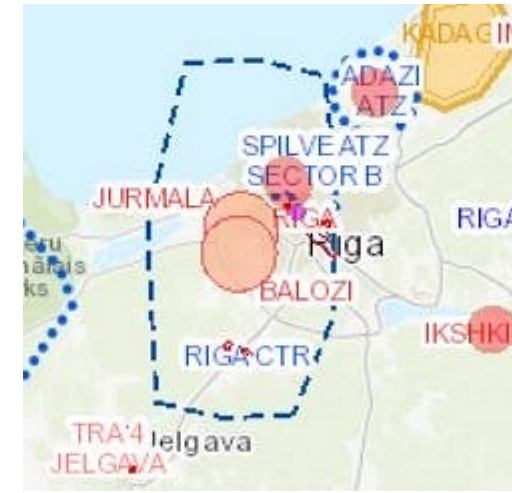


- ✓ **PO1:** To improve the effectiveness of life-saving, rescue operations
- ✓ **PO2:** To enhance life-saving and health protection services
- ✓ **PO3:** To deploy 5G systems
- ✓ **PO4:** Designing, implementing and evaluating a novel SGI
- ✓ **PO5:** Effective prevention towards land, water-derived and hill-slide risks
- ✓ **PO6:** Enhanced coordination at the operational level
- ✓ **PO7:** Novel methodology

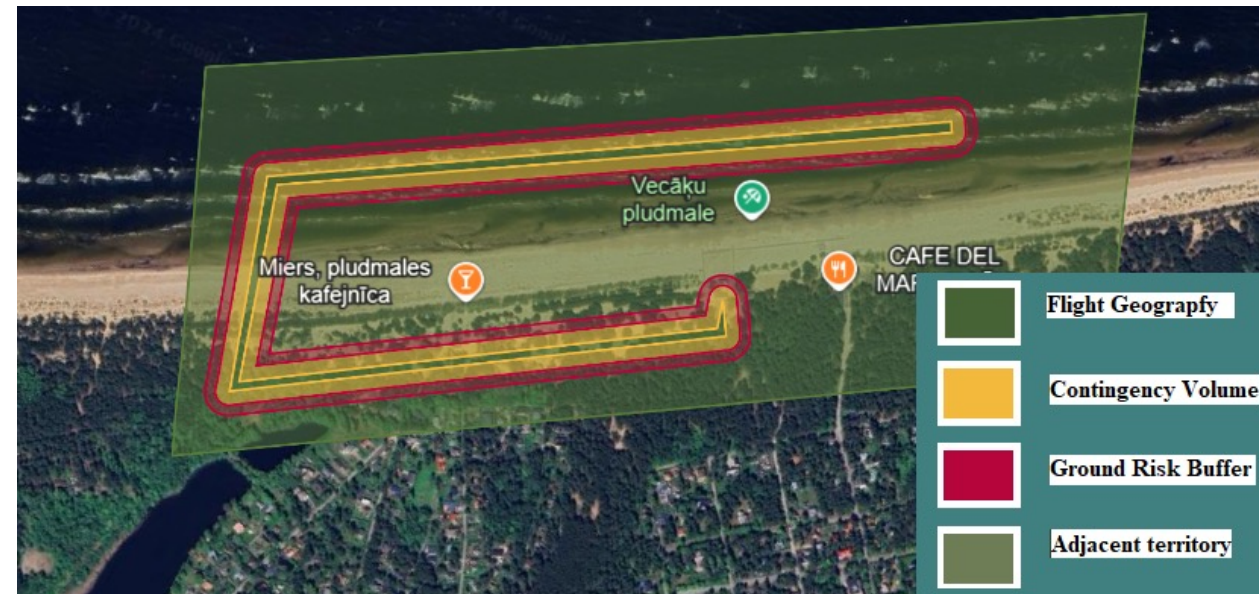




# Flight operations



Kīšezers

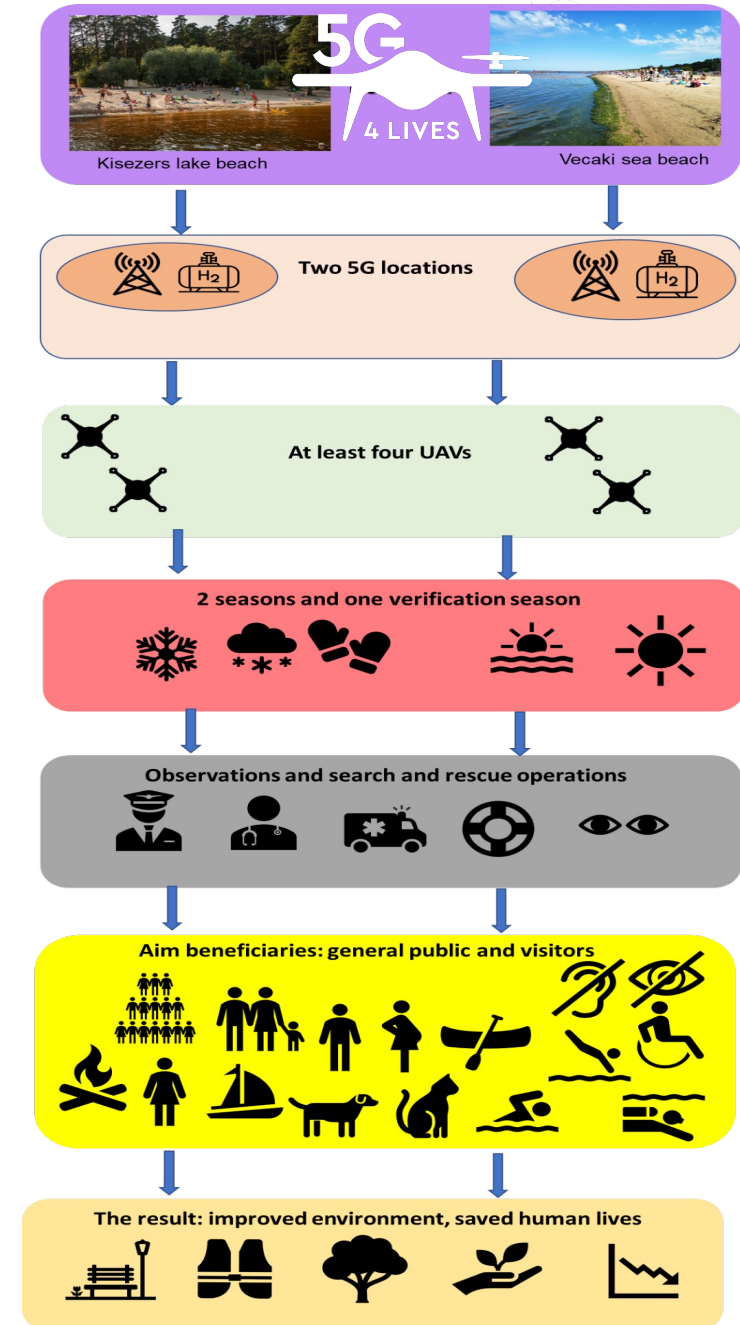


Vecāķu beach



# 5G4LIVES results

- ✓ **01:** Improved critical services
- ✓ **02:** Definition of a methodology for planning and validation of BVLOS flights
- ✓ **03:** Reduced greenhouse gas emissions
- ✓ **04:** Increased public awareness and education about the benefits of 5G
- ✓ **05:** Enhanced collaboration and partnership between private and public stakeholders
- ✓ **06:** Improved data management and analysis capabilities
- ✓ **07:** Increased economic opportunities and job creation
- ✓ **08:** Improved overall quality





# Thank you!

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