

# Intelligent control of traffic light intersections

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***Preferential traffic light control*** for the needs of FRS (rescuers) responding to an adverse event with an activated sound and warning light device. The proposed solutions can bring an increase in efficiency and safety during the journey of the units dispatched to the intervention, as often even the right of way is not a guarantee of a safe exit from the fire station and transfer to the intervention site.



# Proposal idea/content

## Tasks to do:

- to analyse use of existing sensors already installed in the roads
- to analyse use of existing on-board control units
- to improve sensors and on-board control units for use by rescuers
- to analyse / develop control system, including integrations
- to provide set of tests
- to provide validation and final demonstration
- to prepare analysis for wider use of such a solution within the EU
- to prepare exploitation strategy
- to exchange experiences and disseminate findings



# Project participants

- Consortium (subjects ready to participate):
  - Presidium of Fire and Rescue Service – Ministry of Interior of SR
  - ISEMI
  - City of Žilina
  - ALAM (InVipo platform)
- Looking for partners:
  - with the similar need and/or infrastructure to implement this idea
  - providing more general solution for management of responders' deployment

**We are looking for consortium / project proposal, into which this idea could be integrated.**