Project highlights:

- At the ICG, we have developed drone software to enable autonomous real-time mapping and immediate safe navigation during flight. Video: http://bit.ly/2dtmrOw
- We need you to develop an innovative Android user interface to ease the deployment of the drone in real-world civilian applications (e.g. infrastructure and powerline inspection)
- Deployment equipment: Drone, Radio Remote Control and Android Tablet
- Use existing reliable communication link to communicate with the drone

Objectives

- Visualize mission execution information: 3D reconstruction, obstacle map, drone position and points of interest
- Send commands to the drone using touch interface: position of point of interest, next go-to location, next task (e.g. fly to safe altitude, land on given position or landing platform)
- Show text-based execution information to ease design and testing
- We are open to your suggestions!!!