





International Brokerage Event
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Equinox Advisory Ltd.

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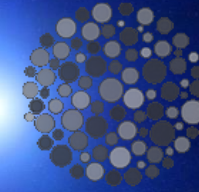
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Description of the Organization



- Equinox Advisory Ltd. established in 2008.
- Equinox provides legal, economics, corporate and technology services.
- Since 2009 it has also taken an active interest in FP7 and Horizon 2020 both in writing proposals on behalf of its clients and also in participating itself in calls that are of interest to Equinox. Equinox Advisory's interest in EU Funds is not limited to Horizon 2020.



EQUINOX
GROUP



Commercial Law Firm
of the Year 2016



Further Education Institution License Number 2015-001



Description of the Organization

Some of the Programmes we have participated in include:

- ERDF ;
- Cohesion Fund ;
- ESF ;
- CEF ;
- Grundtvig ;
- Erasmus+ ;
- MED Programme
- COSME ;
- Europe for Citizens ;
- EuropAid ;
- Justice Calls .



Description of the your research interest



The Equinox Advisory team is experienced with both small-scale and large-scale funding projects, taking care of:

- Proposal Writing & Project Management;
- Development of Financial and Commercial Feasibility Analyses and Plans;
- Buisness Plans & Business Models;
- Economic & Legal Analyses;
- Commercialisation Plans;
- Impact Assessments;
- Technical, Scientific and Technological Innovation;
- Expertise in Transport incl. Aviation;
- ICT and coding.

Areas of interest: Social Sciences, Infrastructure, Transport, Energy, Environment, ICT and Education.

MG-2-8-2019: Innovative Applications of Drones for ensuring Safety in Transport



Objectives:

Develop & test innovative technologies & sustainable business models for an integrated system bringing together **pilot services** using **drone swarms** to increase safety, security & overall efficiency of **air, waterborne & surface transport**, incl. S&R. Each drone will have a 360° video camera, using Artificial Intelligence (AI) for Automatic Incident Recognition (AIR) to carry out **inspections, transport management (incl. emergencies), infrastructure conditions monitoring & maintenance, logistics** and/or **personal mobility**. This emerging technology, including sensors integration, will give detailed visibility of the live situation to the Pilots in the Control Centre (CC) of the City **using VR equipment** to mitigate all matters.

Expected Results:

- Increased safety & security of the overall civil transport system.
- Enhance safe & seamless mobility of cargo & passengers.
- Increased economic growth by unleashing new: markets, industries & high added-value jobs while ensuring legal frameworks & safety systems certification.
- Building knowledge & acceptance within society - USpace.

Consortium - profile of known partners



| No | Partner Name | Type | Country | Role in the Project |
|----|-------------------------------------|------------|---------|--|
| 01 | Equinox Advisory (EA) | SME | Malta | EA as the Project Coordinator will be responsible for management of activities / deliverables / EC Reporting, Coordination of Dissemination & Exploitation, and to develop a Sustainable Business Model for Pilot Services. |
| 02 | Drone Technology Developers | RTD | TBC | The development of Drones with 360° cameras that monitor & detect incidents using AI for automatic incident recognition, that go beyond the current state-of-the-art, that alert & can communicate in real-time with the Pilots in the Control Centre. |
| 03 | IT Software / VR Engineering Firm/s | IND | TBC | Integrate 360° camera Drone Footage onto a live camera feed system within a control room using VR headsets, the development of an interactive application for users to receive alerts. |
| 04 | Transport Malta TBC | GOV / CITY | Malta | The City will be monitoring the live feed using VR equipment for better visibility & providing instructions to users on the app and on interactive message signs. |

Consortium - Required Partners



| No | Expertise | Type | Country | Role in the Project |
|-----------|--------------------------------------|---------------|---------|---|
| 01 | Drone Technology Developers | RTD | TBC | The development of Drones with hi-tech cameras that zoom in on potential dangers / incidents, that go beyond the current state-of-the-art, that alert & can communicate in real-time with the Control Centre. |
| 02 | IT Software Engineering Firm | IND | TBC | Integrate Drone Footage onto a live camera feed system within a control room & the development of an interactive application for users. |
| 03 | City | GOV | TBC | City will be monitoring the live feed & providing instructions to users on the app and on interactive message signs. |
| 04 | Air / Land / Waterborne Stakeholders | IND/R TD/ GOV | TBC | Stakeholders that may contribute to the operational & certification aspect of the project related to Air/Land/Waterborne Transport. |
| 05 | Pilots / Pilot Associations | IND | TBC | Pilots & Pilot Associations that would be interested in using VR headsets to fly drone swarms to monitor, mitigate & manage Air/Land/Waterborne Transport. |

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