“NOVEL INTEGRATED SOLUTION OF OPERATING A FLEET OF DRONES WITH MULTIPLE SYNCHRONIZED MISSIONS FOR DISASTER RESPONSES”

ResponDrone

D1.3 “H – Requirement No.3”

Project Deliverable Report

Deliverable Number: D1.3
Deliverable Title: H – Requirement No. 3
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Work Package Number: 1
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Contributor(s)	Joonas Lieb, Robert Geister, Liesa Boghaert, Niels Vandezande
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Approvals				
	Name	**Organisation**	**Date**	**Signature (initials)**
Coordinator	Max Friedrich	DLR	28.10.2019	M.F.
WP Leaders	Max Friedrich	DLR	28.10.2019	M.F.

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1. Executive summary

This deliverable provides an explanation of the procedures that will be implemented in ResponDrone in order to adhere to the ethical principles as a consequence of conducting research with humans. Since the research participants are part of the ResponDrone consortium and no sensitive personal data will be collected, the consortium does not see the need to obtain ethical approvals from dedicated ethics committees for the planned research activities.

2. Research participants

For the studies conducted in ResponDrone, the research participants will be recruited from the end user organizations that are part of the ResponDrone consortium. External research participants will not be recruited for the purpose of taking part in the research studies. As such, the research participants will be first responders, acting in their professional capacity.

3. Research activities & personal data

In ResponDrone different research methods will be applied, which include and are restricted to interviews, workshops, surveys and field exercises. In the interviews, the research participants will be asked questions about their experiences in first responder's mission planning and requirements, work flow, data flow and requirements, drone operations, technological drone architectures, and related technologies. The surveys will include questionnaires on specific issues in emergency response, drone operations or related topics.
During the course of the project several workshops will be conducted, in which the end users and participants from the system developing partners of the consortium will exchange their thoughts, visions and ideas and develop the system together.
The systems are being validated in field exercises during which feedback on the system and opinions about its usability are collected. The personal information that will be collected from the research participants is restricted to the following data:

1. Name, professional affiliation, age range and contact information.
2. Personal and professional views and experiences as they relate to the RESPONDRONE activities.
3. Photographs, audio, and/or video recordings of their participation in RESPONDRONE research activities (e.g. documentation of discussions in workshops or activities in demonstrations).

As such, no sensitive personal data as defined by Article 9(1) GDPR) (i.e. data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, trade union membership as well as genetic and biometric data for the purpose of uniquely identifying a natural person, data concerning health or data concerning a natural person's sex life or sexual orientation) is collected or processed. Furthermore, participation is entirely voluntary and based on the participants'

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consent. The participants may withdraw from participation at any time without any consequences.

4. Ethical approvals

The research participants are taking part in the studies as part of their project efforts and in the scope of their professional capacity or as part of the activities agreed upon in the advisory/ stakeholder board agreement. Furthermore, no sensitive personal data is being collected from the research participants. For this reason the consortium does not see the need to obtain approvals from dedicated ethical committees for the planned research activities in ResponDrone.
The informed consent procedures are outlined in deliverables D1.2: H - Requirement No. 2, D1.7 : POPD - Requirement No. 7 and D1.9 : POPD - Requirement No. 9. Furthermore, deliverable D1.10: POPD – Requirement No.10 evaluates the ethical risks related to data processing activities of ResponDrone.

5. Conclusion

For the reasons outlined above, the consortium states that all research activities in ResponDrone are in line with the principles of research ethics. Furthermore, the research participants will be recruited from the project consortium and they take part in the studies as part of their project efforts and in the scope of their professional capacity. As such, the consortium does not see the need to obtain approvals from dedicated ethical committees for the planned research activities.

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