



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

RESPONDRONE

D1.12 “NEC - Requirement No. 12”

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Executive Summary

In this deliverable, the following Ethics issue is being addressed: “Detailed information to demonstrate that fair benefit-sharing arrangements with stakeholders from low and lower-middle income countries are ensured must be submitted as a deliverable.”

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1 Introduction

1.1 Addressing the ResponDrone Description of Action

ResponDrone DoA requirements	Section(s) of present deliverable addressing ResponDrone DoA	Description
Address possible Ethics issues	Section 5	The ResponDrone consortium partners subscribe to the requirement within H2020 to deal with ethical issues which are anchored in the regulation setting up of H2020 (Regulation No 1291/2013).

Table 1: Deliverable's adherence to RESPONDRONE objectives and Work Plan

Benefits-sharing especially for (non-EU) low and middle income countries means ensuring fair sharing of new values produced from the research activities in these countries. Stakeholders in these countries, including researchers, first responders and emergency response organisations should see that benefits generated by ResponDrone are shared in a fair way between all parties.

No ethical issues are expected in this project and the focus of this project is on the integration of civil drone operations into existing structures. Therefore, the results from this project will be used for civil purposes by the project members. However, as coordinator of the ResponDrone project, DLR will ensure that any ethical issues that may arise during the project (even if not originally anticipated) will be handled appropriately and in a transparent and fair manner.

In order to achieve this, the Project Executive together with the Beneficiary time.lex as Ethics adviser will form the Ethics Committee of the ResponDrone project. In addition, project members will be temporarily assigned to the Ethics Committee if their expertise is required.

2 Implementation

ResponDrone promotes openness and co-ownership of the research and its outcomes, e.g. methods to fulfil first responders' requirements, advances in information sharing, and novel methods for increasing situational awareness during a crisis.

Co-creation is a key element of the project, as most work packages require input from partners both in and outside EU, especially for developing the system concept and the inventory of stakeholders' needs. All EU partners, as well as partners from non-EU low and middle income countries, have a budget for travel and accommodation to be able to participate in partner meetings. In addition, virtual meetings will be preferred to cope with budget limitations.

The budget allows for at least one person and sometimes two persons to visit the meetings. They will be invited to participate in consortium conferences. Non-EU low and middle income countries will also have full access to the research results (with the Consortium Agreement as a basis) produced in other country case studies, which can be a valuable source of lesson learning for all partner institutions.

Research results will be promoted in non-EU countries through the respective partner organisation. ResponDrone will also provide support to carry out stakeholder workshops in the non-EU countries. Researchers from non-EU low and middle income countries will also be participating in knowledge creation through participation in developing and/or implementing the research methods and co-authoring publications.

At the time of writing this deliverable, there are no partners in the project that are established in low and lower-middle income countries¹ (see Figure 1)

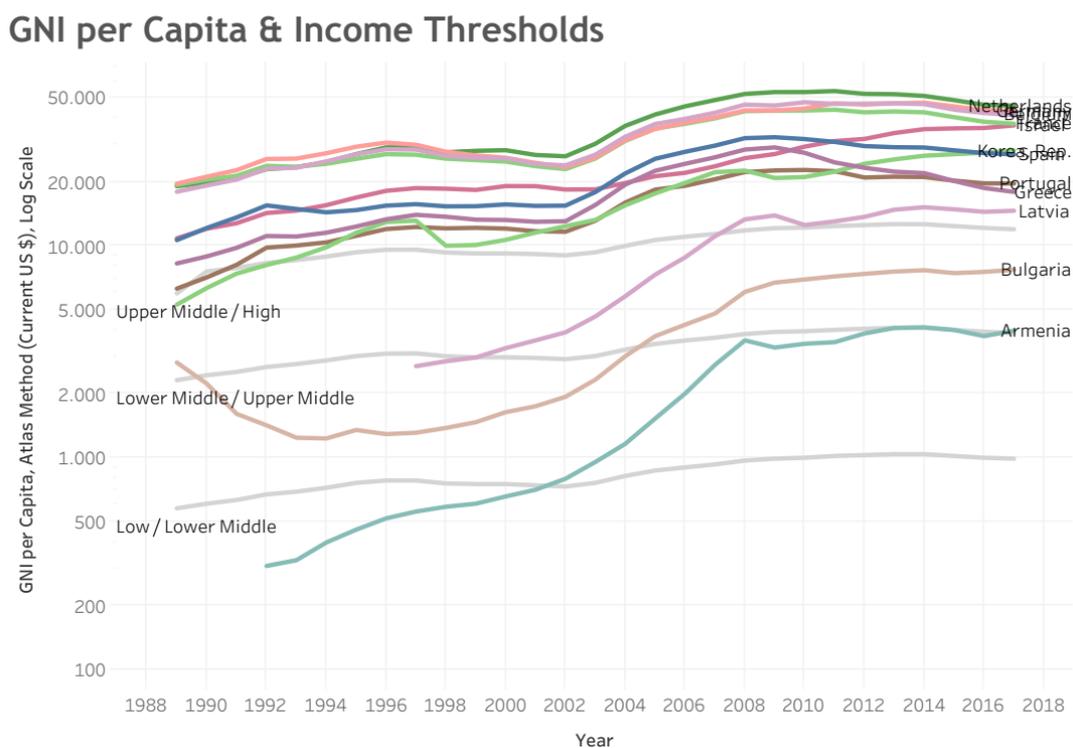


Figure 1: GNI rating of partners in ResponDrone

Nevertheless, the statements above remain valid throughout the project and will be respected during the lifetime of ResponDrone.

¹ According to the world bank: <http://datatopics.worldbank.org/world-development-indicators/stories/the-classification-of-countries-by-income.html>