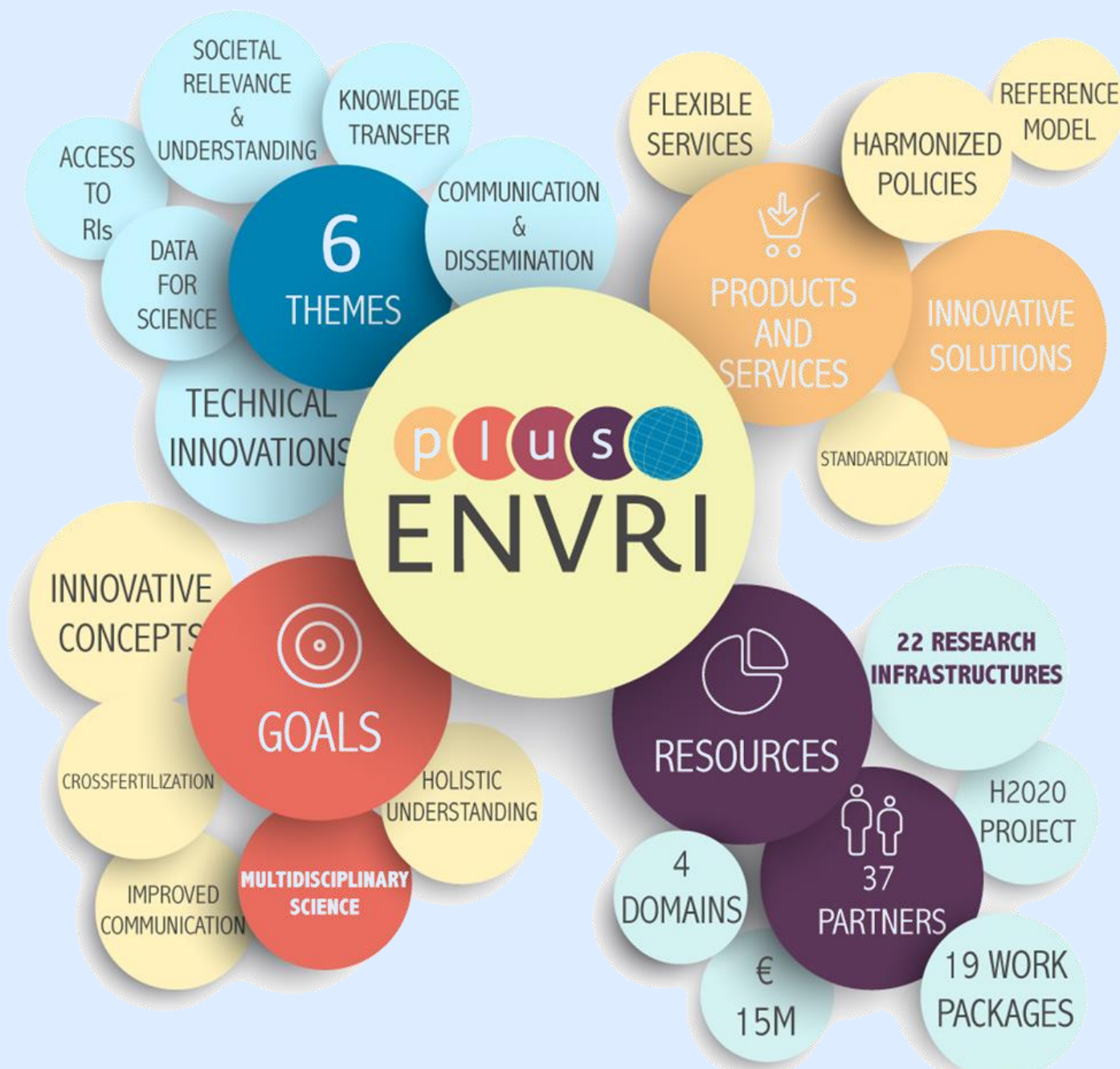


## The ENVRIplus Project

**ENVRIplus** is a Horizon 2020 project bringing together Environmental and Earth System **Research Infrastructures (RIs)**, projects and networks with technical specialist partners to create a more coherent, interdisciplinary and interoperable cluster of Environmental Research Infrastructures across Europe (<http://www.envriplus.eu/>).



One theme of the project deals with the **societal relevance and understanding**, and within that theme an entire work-package (WP13) aims at developing an ethical framework for RIs.

**Objectives** of the WP13 are:

- increase the awareness of both the scientists and the public on the importance of ethical aspects in Earth sciences;
- establish a shared ethical framework of reference, to be adopted by RIs governing bodies;
- increase the awareness of RIs management and operational levels and of the individual involved scientists on their social role in conducting research activities and research work environment;
- assess the ethical and social aspects related to the results achieved and deliverables released within the project.

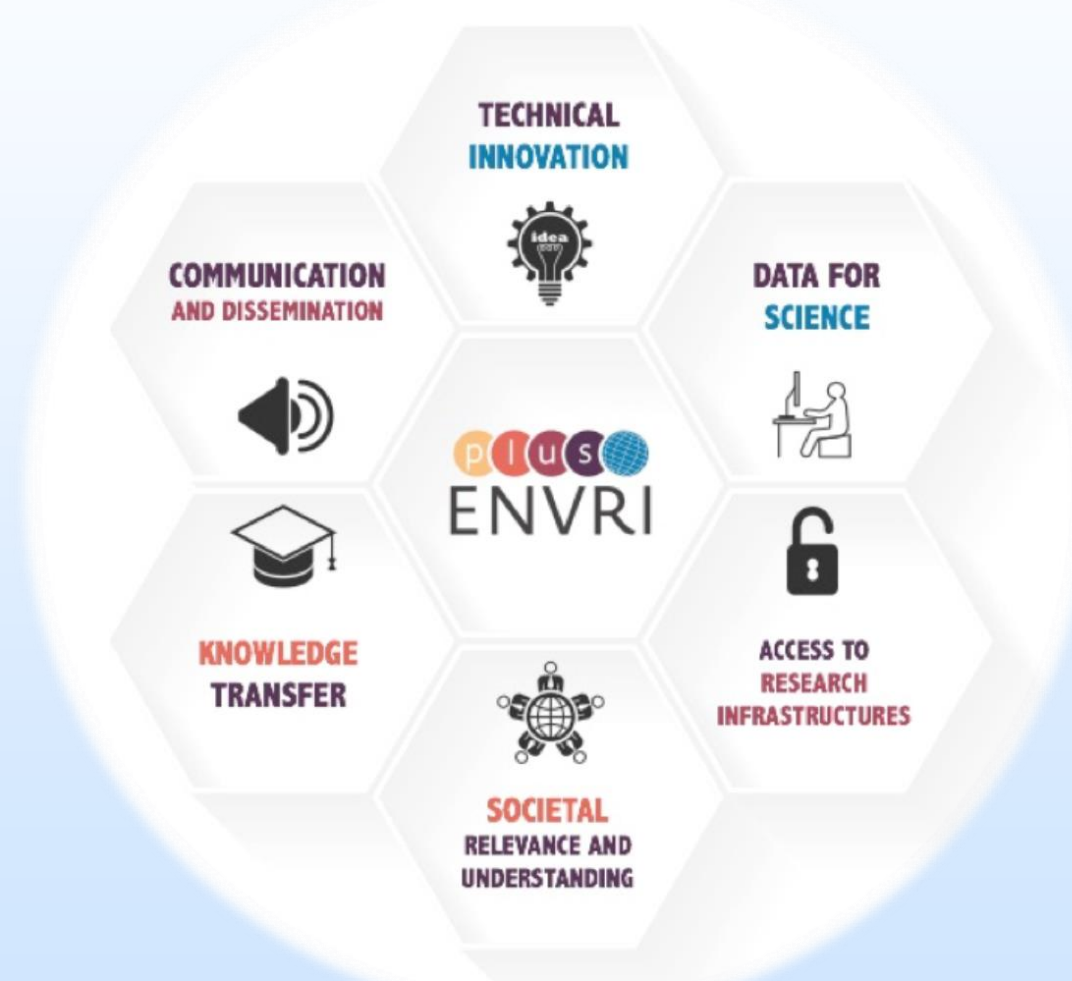
## Activities completed

- **State of art** on ethical issues useful for the goals of the project (collection and analysis of materials already existing within scientific organizations, institutions all over the world).
- Survey through an “ad-hoc” **questionnaire** to investigate how each RI participating in ENVRIplus faces ethical issues in relation to its activities, and so to understand the level of perception that researchers and technicians involved in the project have on the ethical implications of their scientific activities.

## Ongoing activities

include:

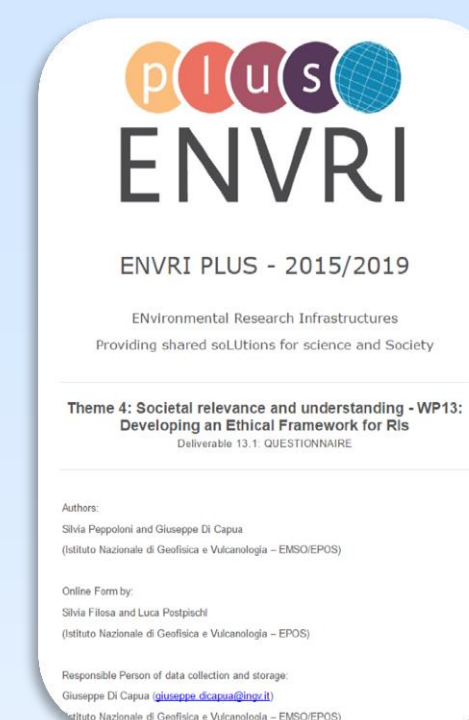
- definition of **ethics guidelines** to be used by partners for building their policies and their own codes of conduct;
- elaboration of an **ethical label template** to characterize each product of the project, that partners will be able to use in order to give essential information about the ethical and social implications of their products;
- **dissemination** of all the results of the previous activities on websites and social networks, so that they are suitable for the public.



Envri Plus themes

## QUESTIONNAIRE:

**“What do you know about ethics in geosciences?”**



The questionnaire, available online at <https://form.jotformeu.com/61223684182353>, is composed by the following 4 sections:

- Interviewee’s information** (general information on the person).
- PART A - General inquiry** (general aspects related to ethics applied to geosciences, research integrity and misconduct, values involved in the scientific activity, behaviours in the working environment).
- PART B – Inquiry on specific aspects related to the own Research Infrastructure (RI) and Institute/University** (to investigate the state of organization of RIs and Institutes/Universities to which interviewees belong, and which policies, initiatives, and activities these organizations have developed to face ethical and social issues).
- Conclusion** (general opinion of the interviewee on the ethical matter related to his/her work)

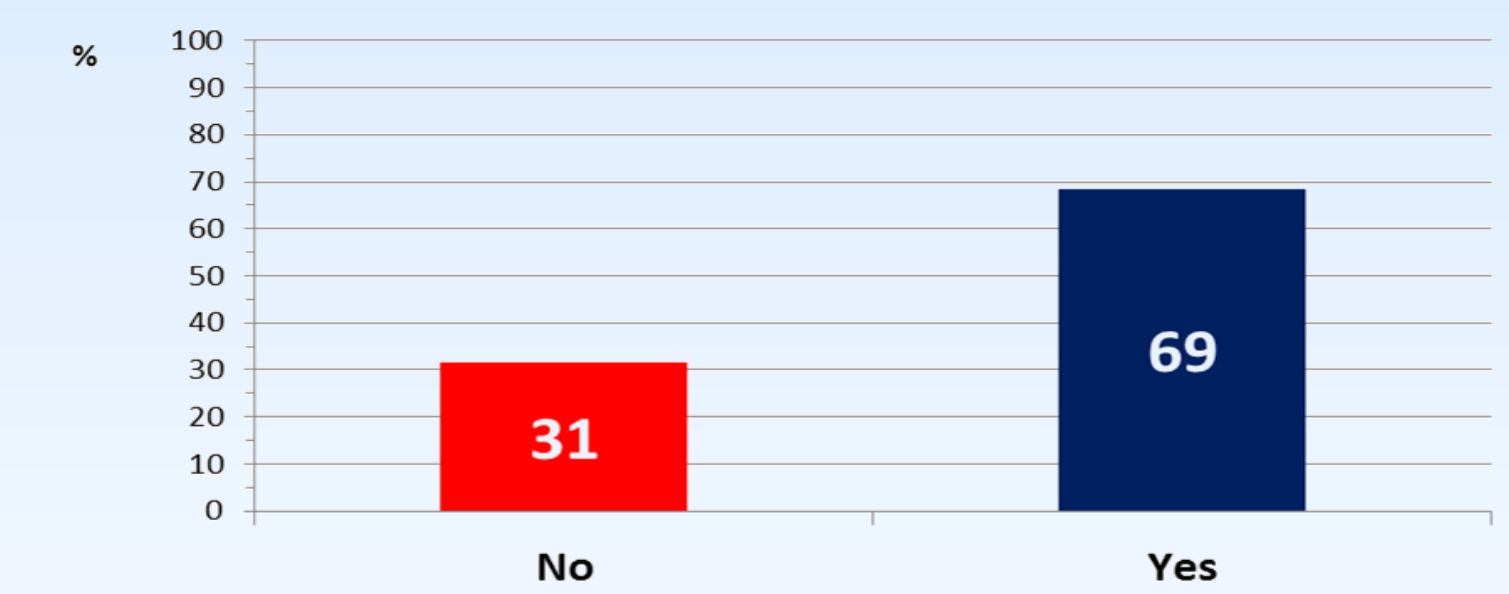


## Main results

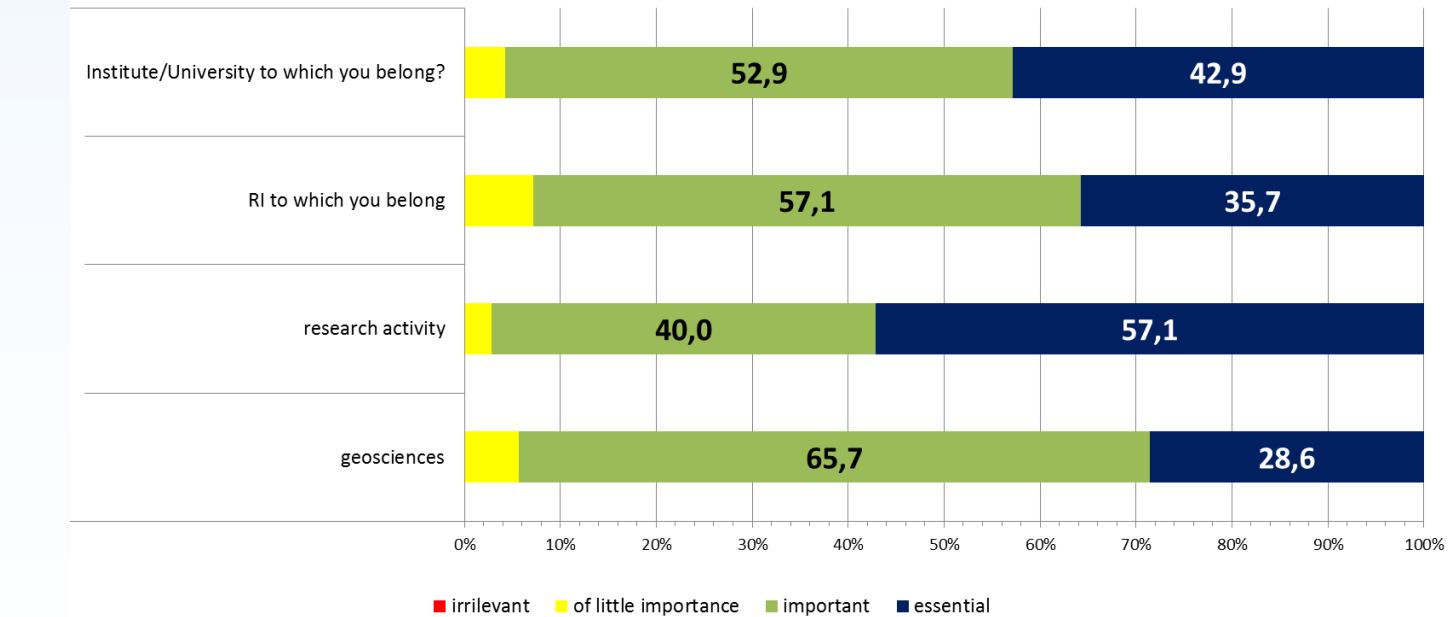
The questionnaire has been sent to all the 270 participants in the ENVRIplus project. 70 of them (**about 26%**) have participated in the survey.

### Part A - Questions from 1 to 14

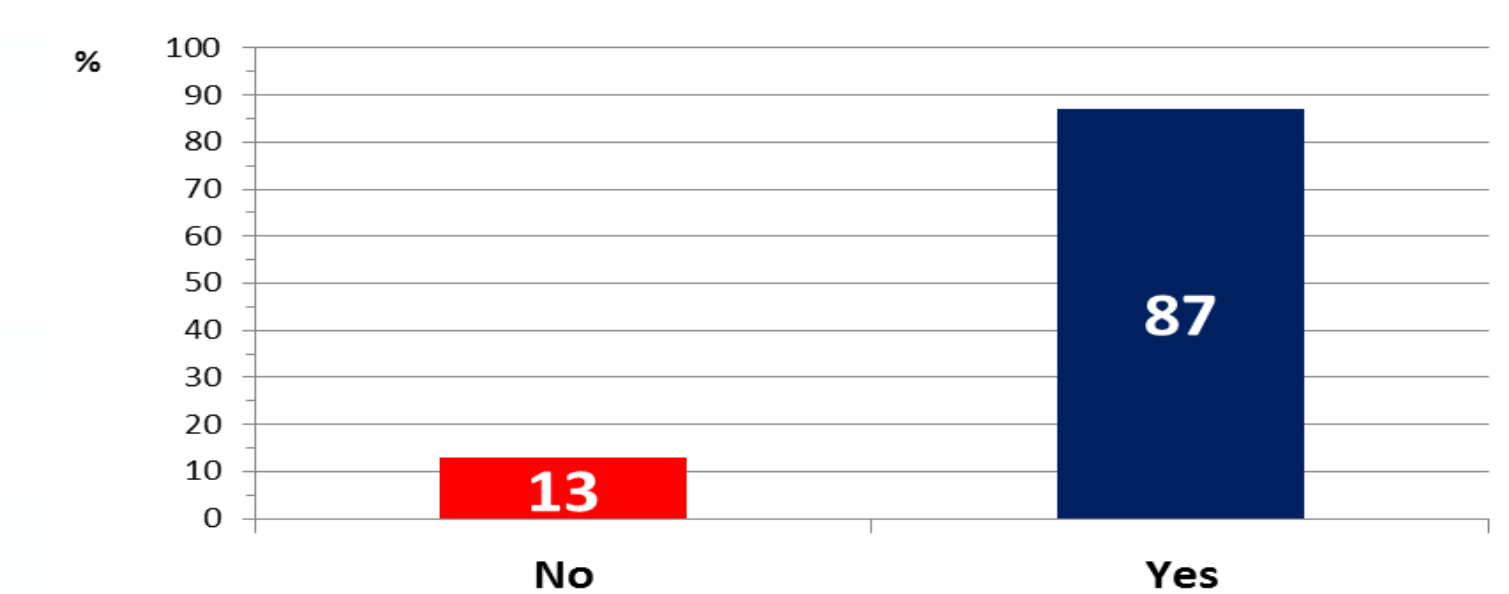
1) Have you ever heard about ethics applied to geosciences?



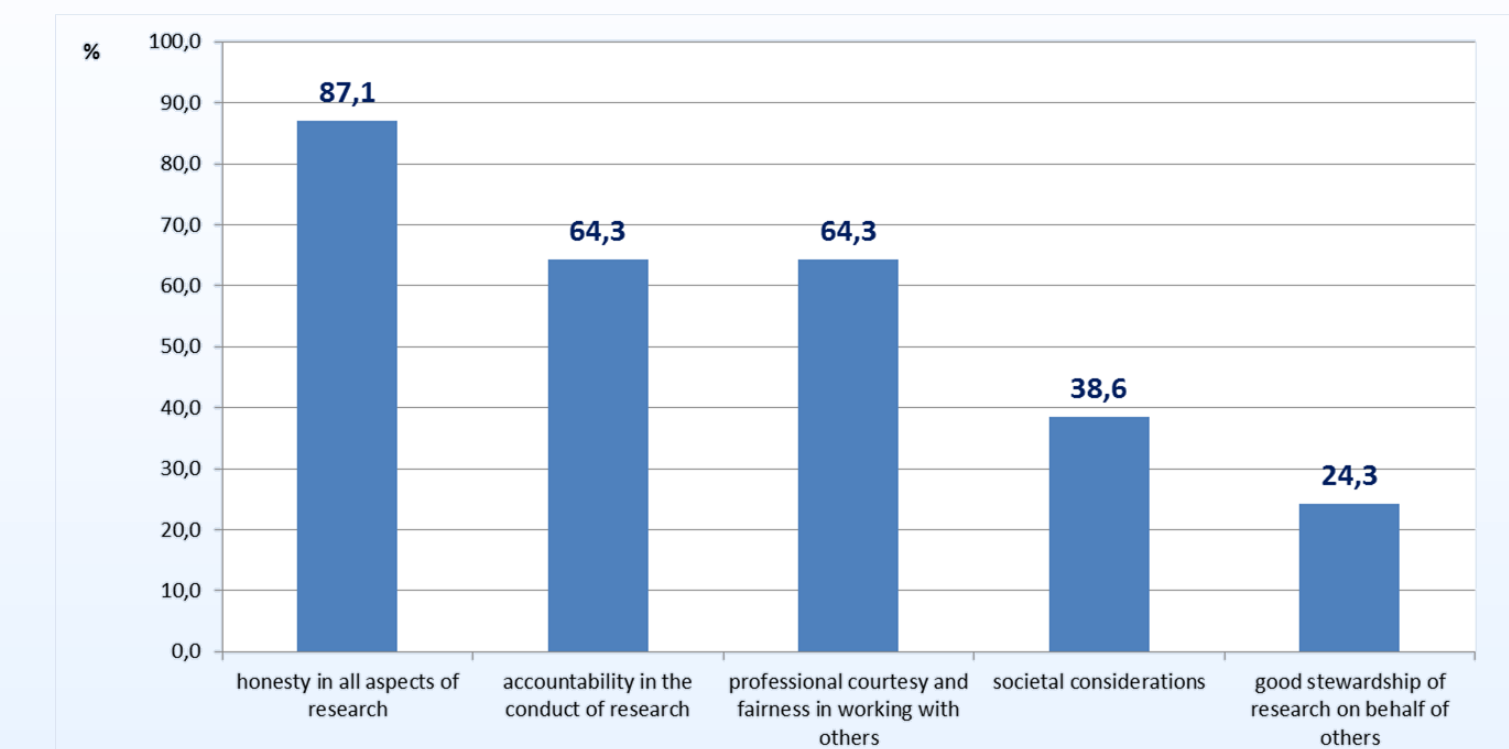
3) How much ethics is important for ...



5) Have you ever heard about research misconduct?



6) When doing research what are the most important values of reference for you among the following?



9) Have you ever heard about some of the following behaviours within your working environment?

