



D7.5

L4MS ethical report version 1.0

Confidential

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Abstract

D7.5 : L4MS ethical report [M12]

This deliverable describes the ethical procedures and tools to be used in the L4MS project to ensure that the project will follow the relevant ethical and safety standards. The report covers the following aspects:

1. **The involvement of human participants.** Procedures for ethics assessment and review.
2. **Personal data collection and/or processing.** Criteria that will be used to identify/recruit research participants, informed consent procedures and templates, procedures for the collection, processing and storage of personal data.
3. Procedures for the treatment of **safety issues related to the human-robot collaboration experiments.**

All handling of personal data in the L4MS project will follow the REGULATION (EU) 2016/679 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and until valid, the repealing Directive 95/46/EC (General Data Protection Regulation). Other relevant regulations include, but are not limited to, Directive 2002/58/EC on privacy and electronic communications, The Charter of Fundamental Rights of the EU (2000/c 364/01).

The L4MS ethical and safety requirements are monitored and handled throughout the project by the Ethical Committee. All L4MS projects will undergo an ethical review procedure. Horizon 2020 rules on ethical issues will be followed and in case of conflict the Ethical Committee solves the issue following national legislation and EU Directives. Regarding safety issues the manufacturer of the machinery system takes responsibility up to the moment, the machine is used the first time. When the machine is at use, then the user organization takes responsibility of the system.

These requirements will be updated during the project as per need, and as the details of each test site are refined.

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Notification

The use of the name of any authors or organization in advertising or publication in part of this report is only permissible with written authorisation from the VTT Technical Research Centre of Finland.

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Executive summary

The L4MS project will follow the highest ethical and safety standards, and comply with the REGULATION (EU) 2016/679 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and the repealing Directive 95/46/EC (General Data Protection Regulation). Additionally, the project will closely follow the latest developments in the field of Roboethics¹.

The management of project ethical requirements is coordinated by VTT. To guide partners to the L4MS ethical practices, this report gives detailed guidance on:

1. **The involvement of human participants.** Procedures for ethics regarding research with humans and the ethical assessment and review process of L4MS.
2. **Personal data collection and/or processing.** Criteria that will be used to identify/recruit research participants, informed consent procedures and templates, procedures for the collection, processing and storage of personal data.
3. Procedures for the treatment of **safety issues related to the human-robot collaboration experiments.**

The L4MS ethical and safety requirements are monitored and handled throughout the project by the Ethical Committee. All L4MS projects will undergo an ethical review procedure.

Horizon 2020 rules on ethical issues will be followed and in case of conflict the Ethical Committee solves the issue following national legislation and EU Directives. Regarding safety issues the manufacturer of the machinery system takes responsibility up to the moment, the machine is used the first time. When the machine is at use, then the user organization takes responsibility of the system.

This Ethics Report will be updated as the project proceeds and the guidance will be further detailed.

¹ <http://www.roboethics.org/>



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