

FOSTERING THE USE OF RESEARCH DATA BY SMES AND CITIZENS



Research, Development and Innovation (RDI) activities are one of the mandated tasks of the Finnish Universities of Applied Sciences (UAS). Most of the projects are tightly linked with SMEs and other working life organizations, generating practice-oriented knowledge, competence, products and services. In addition, valuable research data are produced in the projects. This poster introduces key issues in data management identified in the "Open RDI, learning, and the innovation ecosystem of Finnish UAS" project.

DATA

The amount of open data is increasing in the UAS sector

RDI projects conducted by the Finnish UAS produce a lot of research data. The data could be more effectively used for research based policy making, product and service development, marketing strategies etc.

The most common types of data collected and produced are:

- interview data
- survey data
- measurement data

Challenges of data handling, when the data is produced in co-creation with SMEs or citizens include:

- ownership
- ethical questions
- confidential information
- business secrets
- patenting process

However, the data may not always be findable, accessible, interoperable or reusable e.g. for SMEs and other working life organizations or citizens. Several proposed actions may increase the use of data.

1 Strengthening open operation culture

Open RDI culture can be enhanced by training the RDI staff and creating guidelines for open data processing

2 Open RDI Helpdesk

The national network of UAS experts can assist and give guidelines for solving judicial, ethical and down-to-earth questions

3 Integrating open RDI into education

The integration of the open RDI methods into education will naturally transfer the know-how into the working life by the students and graduates

4 Suitable FAIR data for all

FAIR data principles should not only consider the academic needs, but also the needs of the public and private organizations as well as citizens

5 Towards open innovations

The new data flows, cooperation and interaction models need to be developed to widen the utilization of the data

How to improve the dissemination and the use of research data? How to bridge the gap between the universities and non-academic communities?

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SELIINA PÄÄLLYSAHO
seliina.paallysaho@seamk.fi

JAANA LATVANEN
jaana.latvanen@seamk.fi

Seinäjoki University of Applied Sciences, Finland