PROJECT DELIVERABLE REPORT

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WP LEADER	DR. J. BOUWMAN
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* Security: PU – *Public*; PP – *Restricted to other programme participants (including JPI Services)*: RE – *Restricted to a group specified by the consortium (including JPI Services)*; CO – *Confidential, only for members of the consortium (including JPI Services)*

** Type: R – *Report*; P – *Prototype*; D – *Demonstrator*; - O - *Other*

INTRODUCTION

ENPADASI has delivered a database with 23 observational studies 79 intervention studies (see deliverables 2.1.1). These studies can be integrated via the DASH-IN Web-based Interactive federated analysis system (deliverable 3.7.1). Moreover, ontologies, minimal requirements for data sharing, a study appraisal tool, reports on ethical and IP issues on data sharing and a full training and support package. All this work will become outdated in a few years, therefore long term funding is needed for support of this research infrastructure.

REQUIREMENTS

DASH-IN is relevant and useful for the entire nutritional community and the community is stimulated to use the infrastructure. Therefore, maintenance of the infrastructure is central to the maintenance of the work of ENPADASI (see deliverable 1.2.1). However, to be able to use the work of ENAPDASI to its full potential the maintenance of the work of ENPADASI as a whole is crucial.

ENPADASI has made a full overview of the ethical, privacy and IP issues related to data sharing. We have done this work in collaboration with the CORBEL project. With new regulations and with new ITC possibilities the ethical, privacy issues and IP issues may change. For instance it may become possible to identify a person on his or her DNA profile. Connected to that governments are adjusting legislation frequently. Therefore this work needs regular updates. Part of this work can be accomplished by the broader community connected to CORBEL. However, some issues are specific for the nutritional community. This community is focusing on healthy subjects and therefore more and more using Do-It-Yourself/ at home studies, which includes specific issues.

Data sharing and integration will be much more successful if similar protocols for the same analysis are used between the labs. Therefore, ENPADASI has delivered a full SOP package. However, which time the protocols will be adjusted based on new findings and new techniques will evolve. This work therefore should also be continued.

As long as the DASH-IN infrastructure is actively used maintenance of the support packages is needed (see also deliverable 1.2.1). This includes updates of the FAQ and the database interface training pack.

With data upload new terms will be enter in the system these should be made accessible via ONS (ontology of Nutritional Studies).

Minimal requirements and study appraisal should be developed further based on lessons learned during data integration, which should then be included in the infrastructure.

OPPORTUNITIES

All work done by ENPADASI will be communicated to relevant partners, either directly to ELIXIR and CORBEL or via the ENPADASI website (www.enpadasi.eu) were all public deliverables and tools will be shared. However, this will be a static representation of the work done by ENPADASI. As described above the work require maintenance to remain valuable for the future.

Maintenance of the database includes all other parts developed by ENPADASI, therefore the costs as specified in deliverable 1.2.1 also includes the work described above.