



Denmark, meeting from 26 to 29 June 2019

Organic-PLUS

WP 2: IMPACT

Task : 2.4

Indexation of articles on alternatives to contentious inputs on a European documentary database specialized in organic farming (Organic Eprints)

Proposal made by ABioDoc-Vetagro Sup:

ABioDoc-VetAgro Sup manages the Biobase (a French documentary database specialized in organic agriculture). This database contains many documents on alternatives to contentious inputs. That's why we have proposed to the person in charge of this work package, to index documents relating to the contentious input alternatives under the documents database Organic eprints (database specialized in research and experimentation in organic farming on a European scale).



Organic eprints

These documents, from the Biobase and written outside the Organic Plus project, must be indexed in another space than the one reserved for the Organic Plus project documents. This proposal was accepted. **The aim is to make known French documents to european people who doesn't speak French or who doesn't want to look at several databases.**

Work completed:

- **Account creation:** To index, ABioDoc-Vetagro Sup has created a clean account. Personal accounts for Sophie, Judicaël and Héloïse were also created in order to be recognized as an author, notably in the framework of WP4.7 (these accounts are not used to index in this work).
- **Indexation:** Judicaël has indexed 24 articles in the database on alternatives to contentious inputs (19 have been validated by Servane Penvern and 5 are pending validation)

Setting up the indexing process:

Organic eprints has been designed so that researchers can submit their documents (it is adapted to scientific articles and their standards but not to agricultural press articles, technical data sheets or other documents). Moreover, the fields to complete are not necessarily the same in the two databases

(Biobase and Organic Eprints), which makes the indexing processes difficult and makes impossible to automate this task (automatic transfer of datas from the Biobase to Organic eprint). Several meetings and consultations were necessary with an official of Organic eprints (Servane Penvern) to find solutions to the various technical problems encountered.

1. **The selection of documents to be indexed:** they must meet the requirements of the Organic-plus project (relating to an alternative to a contentious input) and the requirements of Organic eprint (having a link with research and experimentation, and holding the PDF of the document or a stable connection). To do this, we established documentary search equations in the Biobase with these different criteria and, in a second phase, we carried out manually a second sorting of the pre-selected documents to ensure that they were of interest. The main obstacle to indexing documents under OEP is that we do not hold the PDFs (our Biobase gets paper journals or refers to websites and we are not allowed (French law) to host PDFs without the permission of authors and publishers), so we have developed contracts with publishers to legally host PDFs.
2. **The reference language:** to be visible in Europe, documents must be indexed in English even if they are written in French (we have given priority to the documents in English, but as the Biobase is a French-speaking database, they are not very extensive and we don't often having the right to scan them).
3. **Other technical issues have been resolved:**
 - a. We had to solve the problem of authors' affiliations. This field is not completed in the Biobase, so we have to look for this data in the text, which makes impossible the automatization of this task. Moreover, it has been necessary to create other affiliations: they are already created for the research world but not necessarily for other actors who write in agricultural journals/magazines (we don't have the rights to create an affiliation, we have to go through the Organic eprint manager (Danish) to create them).
 - b. We also worked on the keywords. Our objective is not only to index a document but also to make sure that someone can find it by searching in this database. Organic eprint proposes two systems: free keywords (no thesaurus) or Agrovoc (European thesaurus that translate a keyword into about twenty languages), but in practice, very few people knows and uses Agrovoc. We therefore chose to enter both in Agrovoc and in free keywords in English (translation of our thesaurus in English).
 - c. We also encountered other small technical problems very quickly resolved with Servane.

IN CONCLUSION: The indexing of journal/magazine articles is now under control. A guide has been written. These steps will have to be repeated for other media (poster, technical sheet) since the fields to be completed are not the same. However, it will be faster since we already know how Organic eprint works in general.

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