



Case study catalogue of European initiatives on agroforestry and mixed-farming

Baumann Matthias¹ & Jäger Mareike¹

Introduction

Climate change and land degradation pose a threat to agricultural production. Agroforestry and mixed-farming practices try to tackle these issues. Within the HORIZON2020 AGROMIX project different stakeholders of the European agroforestry and mixed-farming community are joining forces to investigate and promote these sustainable agroecological practices. To make information and knowledge from a diverse range of agroforestry and mixed-farming initiatives in Europe accessible to a wider public, this case study catalogue was developed.

Case description

The AGROMIX case study catalogue database includes 77 cases from 12 countries all over Europe and from different climatic regions, thus including various mixed-agricultural and agroforestry practices. A consortium of 28 different partner institutions participated in the data collection. A major criterion to include the farm/field in the data collection was the availability of data. This online catalogue, that works like a phonebook or an index, allows to search and filter the database and displays the matching cases for different parameters of interest or a combination of several parameters. The search filter includes categories such as country, partner institutions, scale, farm size, etc. In the detail view, the whole dataset is visible, portraying each case with relevant general information including many different numerical information and parameters such as agroforestry system type (according to Schnabel et al. 2021), field size, plant species, livestock races, etc. An integrated map offers a geographical overview and by clicking on a specific case, the whole dataset of a case is popping up.

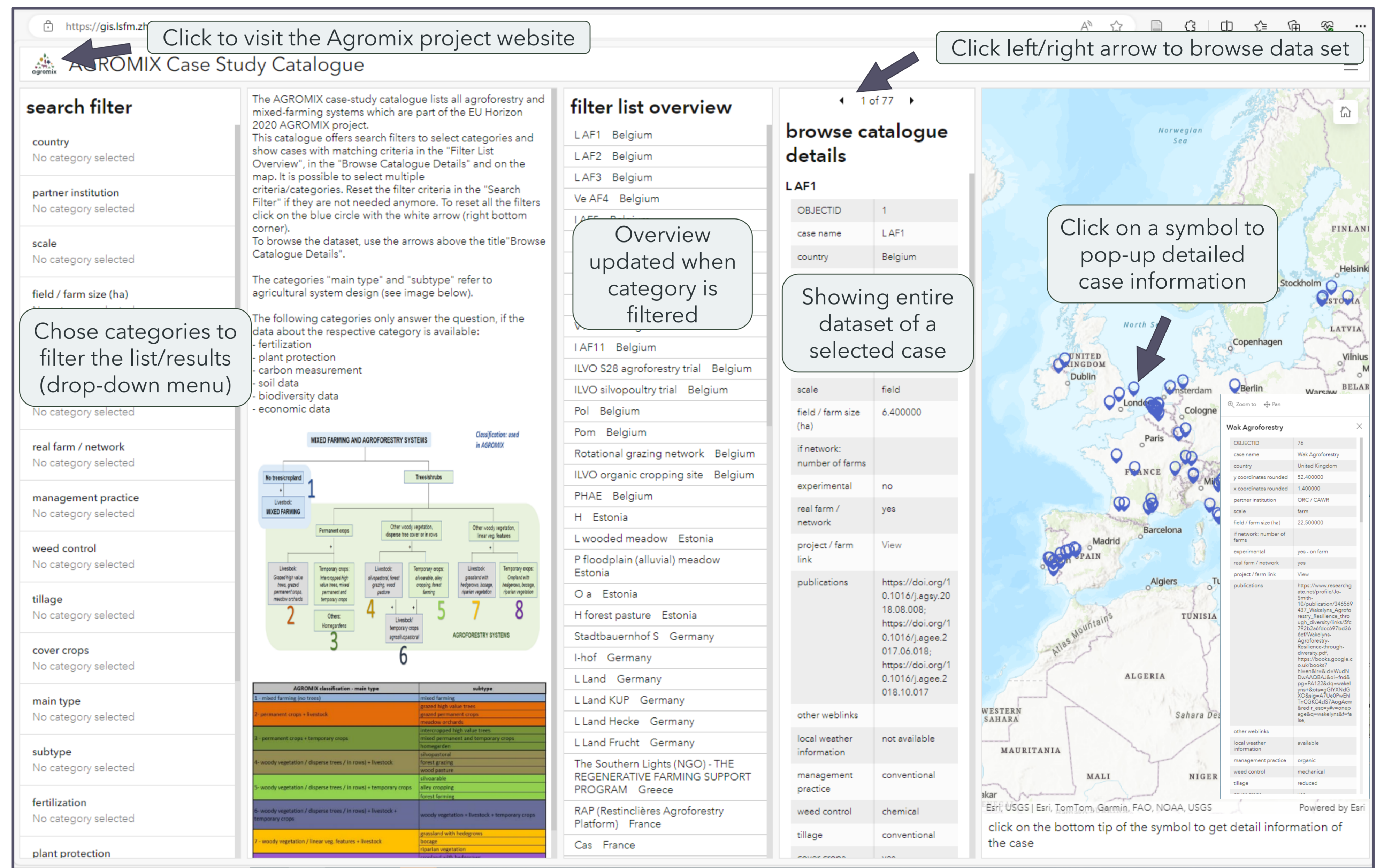


Figure: Screenshot of the AGROMIX online case study catalogue

Conclusion

This digital catalogue can help to increase the visibility of agroforestry and mixed-farming practices to a wider community of researchers, farmers, policymakers, landowner, extensionists, students, and NGOs by giving an overview of successful examples. The objective of sharing all the information is to inspire these stakeholders and ultimately to promote and facilitate the implementation of these sustainable practices.

Reference

Schnabel S, Rubio Delgado J, Lavado Contador F, Van De Wiel M, Eden J (2021) Review of mixed farming and agroforestry systems in Europe - Analysis of MF/AF systems in Europe using the LUCAS data base. EU Horizon2020 AGROMIX project report.

Affiliation

¹ Zurich University of Applied Sciences (ZHAW), Grüentalstrasse 14, 8820 Wädenswil, Switzerland
 Research Group Regenerative Farming Systems
 www.zhaw.ch/iunr/regenerative-landwirtschaftssysteme
 matthias.baumann@zhaw.ch, mareike.jaeger@zhaw.ch



Partners

