Memo - The VCG Software Tool

February 2021

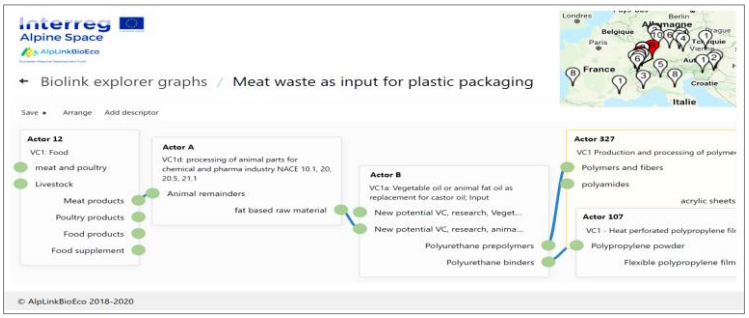
The Value Chain Generator (VCG) tool has been developed within the AlpLinkBioEco project, co-financed by the ***European Regional Development Fund*** through the Interreg Alpine Space programme, and by the ***New regional policy (NPR) of the Swiss Confederation and the Canton of Fribourg***.

Download the Full Working Paper

Keller et al. (2021). Bio-based Business Opportunities Unearthed - The VCG Software Tool: https://bit.ly/3bteVxt
DOI: 10.13140/RG.2.2.25278.20802

Discover the Value Chain Generator

The VCG is a software tool based on natural language algorithms allowing to match actors from a knowledge base into value chains. The primary users of the VCG are the stakeholders of innovation ecosystems, companies, researchers, policymakers, but also cluster managers who want to innovate new value chains in collaboration with the actors of their clusters.



Screenshot VCG Tool. December 2020.

The VCG Software Tool

https://alplinkbioeco.tic.heia-fr.ch/

Web-based Demo VCG

A web-based demonstrator version of the software gives interested parties an insight into the functionalities of the tool, based on the knowledge base built up during the AlpLinkBioEco project. The demo version allows to access all entries of the database in an anonymized format. No real actor names are disclosed and map entries have been relocated randomly. A practical user guide explains the functionalities of the tool.

Personalized Access and Live Version

Until at least April 2023, the live version of the web-based software tool will be hosted by the Institute of Complex Systems at the School of Engineering and Architecture of Fribourg (iCoSys). Project Partners can continue to use the software and expand the database with a personalized access. New users are invited to join the venture with own data. Each user group has access to its own data in the database. Proprietary data of other user groups is anonymized. Nevertheless, all entries of the database indicate the user owning the respective data, in order to facilitate the generation of value chains across regions and clusters.

Source Code

The source code of the VCG software is available under a permissive software license.

Developers

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