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ALCIG: first web tool to automatically generate detailed LCA for crops

Calculation and integration of direct emissions is a challenge in Food Industry. This new tool dedicated for crops will facilitate performing LCA.

Lausanne, Switzerland, February 15, 2016 – The Agriculture Life Cycle Inventory Generator (ALCIG) is a new web tool developed by Quantis to ease the process of Life Cycle Assessment (LCA) in the food industry to quickly and effectively generate LCAs for crops.

Complex models have been integrated within the tool to make it easier for LCA practitioners. Based on raw data collected in an excel file, ALCIG creates csv files that can be imported into LCA software. It can be used to generate data for 34 types of crops in 37 different countries. And to further help LCA practitioners, generic data is provided for all of these crops.

“Quantis is proud to continue providing IT tools for LCA practitioners to increase their efficiency, consistency and capabilities. ALCIG has been developed to answer recurrent requests from our clients to lower the cost while increasing the consistency of LCA in the food industry,” explains **Yves Loerincik, Quantis IT Business Unit Manager**.

The key strengths of ALCIG include:

- Ease of use: LCI are generated in a few steps and can directly be **integrated and used in LCA software**;
- Ability to produce **inventory data** with very **high reliability** based on precise, specific and strong background data;
- Increased **reliability** and **cost reduction**: very precise data are quickly generated based on **non-LCA specific primary data** entered by the user and **complex models** already integrated in ALCIG;
- The **most up-to-date science**: the most recent and **reliable agriculture models** are integrated and used, based on the methodological guidelines of the [World Food LCA Database](#).

The Tool is available on [ALCIG Website](#) where you can pre-download the ALCIG template file.

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About Quantis

Quantis is a global leader in sustainability and Life Cycle Assessment (LCA) expertise, services, consulting and tools. Quantis is specialized in supporting companies as they measure, understand and manage the environmental impacts of their products, services and operations. Fuelled by its close ties with the scientific community and its strong track record with clients, Quantis has proven experience in supporting clients as they transform LCA results into business strategies and operational action plans.

Quantis counts some of the world's sustainability leaders as its clients: Danone, Nestlé, Bayer, Unilever, Kraft, L'Oréal, Total, Michelin, Pfizer and the European Commission, for example.

Quantis has offices in Switzerland, Germany, France, the US, and counts some internationally renowned LCA and sustainability experts among its team members.

To learn more about Quantis, visit www.quantis-intl.com

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