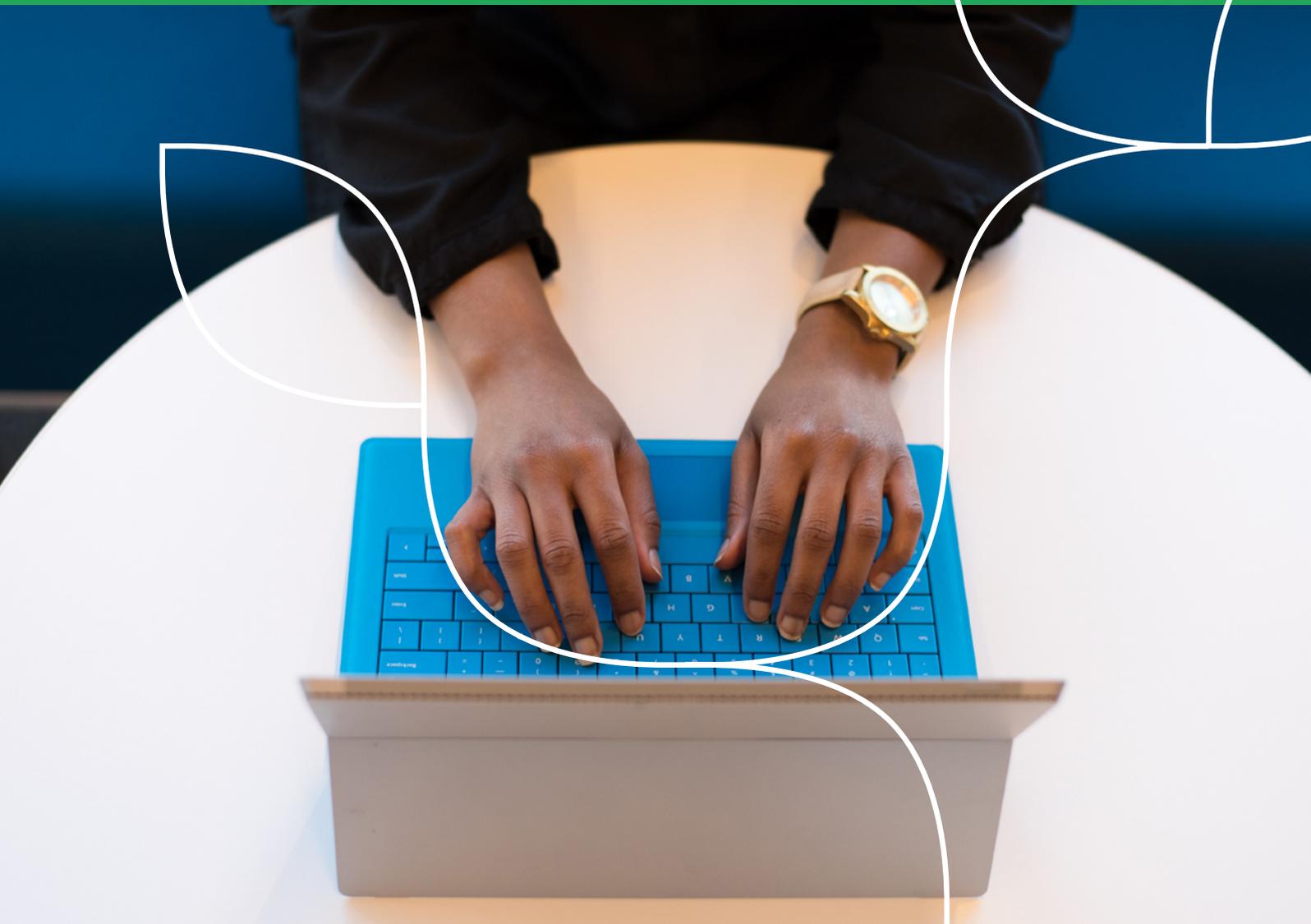


SimaPro API

Harness the power of SimaPro to enhance your own tools with life cycle assessment insights

SimaPro



More powerful LCA insights at your fingertips: use API (application programming interface) to connect existing or new custom tools to the robust and reliable SimaPro calculation engine.

Imagine how powerful your online sustainability tools could be if they connected directly with the SimaPro calculation engine. With the SimaPro application programming interface (API), you have access to results calculated by a leading life cycle assessment (LCA) platform to create new tools, enhance existing ones or automate processes.

The SimaPro API increases the power of your tools to better quantify the environmental impact of your products or services, create value and drive sustainable change. Our API is transparent, robust, cost-effective and future-proof.

How the API works

The SimaPro API connects custom tools to the SimaPro calculation engine, for a controlled, standardized and secure way of sending and receiving messages and data between different systems.

The benefit? Life cycle information that can be used at much larger scale and reach a much broader audience.

The possibilities are endless

SimaPro API can be used for:

- Enriching existing information systems, for example ERP, PLM and farm management systems
- Automating report generation
- Developing new custom tools such as carbon footprint or eco-design tools
- Empowering sustainability performance dashboards

Why choose the SimaPro API?



Powerful

Expand the functionality of your tools or easily create new ones. Our API allows you to connect to a number of tools and can handle large amounts of data.



Cost-effective

Using an API is a cost-effective solution since you don't need to build or maintain a back-end. With minimum efforts, you will get a robust tool with up-to-date methods and libraries.



Transparent

There is no black box in SimaPro. You will always know where the data comes from. In addition, SimaPro is developed by an ISO 27001 information security certified company.

How to get the API?

To get the SimaPro API you need to have the [SimaPro Power user package](#) and an API subscription which comes with 500 API calls for the period of one year. It is also possible to purchase a bundle with additional calls. Would you like to test the SimaPro API? Test access can be granted upon request. Get in touch and we will help you make the most out of your API project.

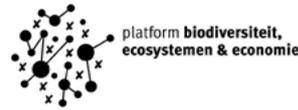
Customer cases

Farm-level GHG calculator for the dairy sector

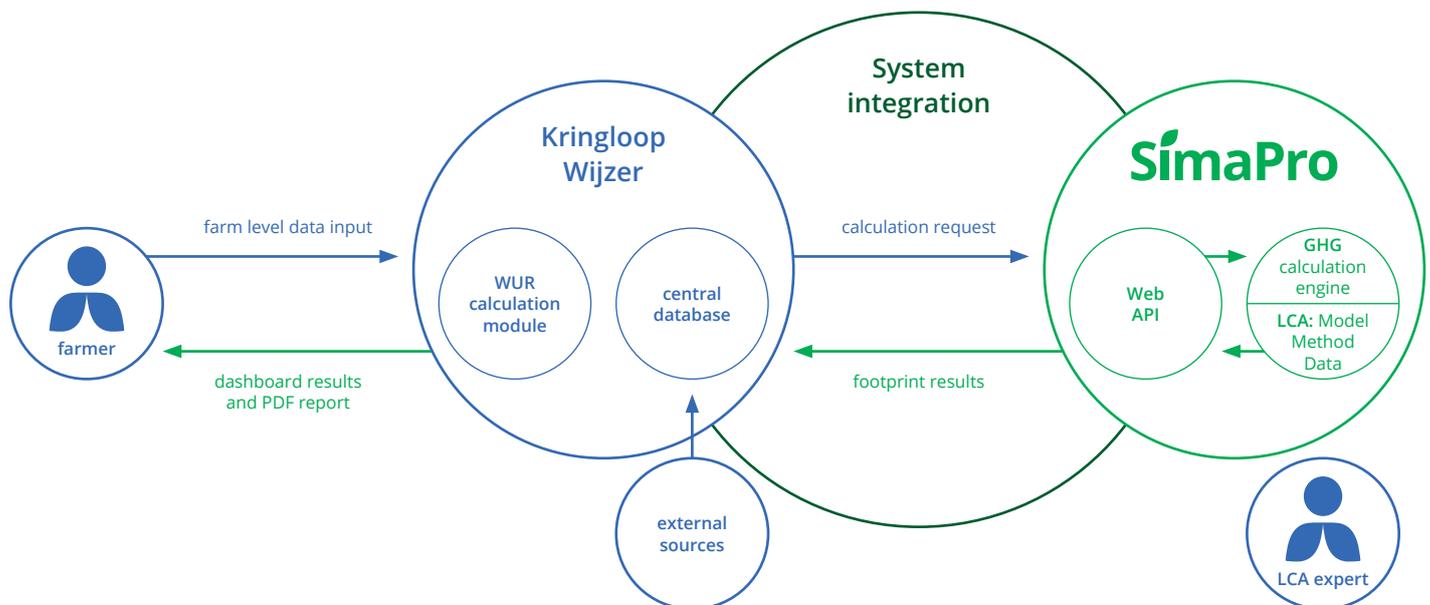


- ❑ A climate add-on allows over 16,000 dairy Dutch farmers to independently calculate their GHG emissions.
- ❑ The calculator smoothly integrates the KringloopWijzer tool with the SimaPro LCA software and a highly complex, sector-specific LCA model.
- ❑ The online tool can manage up to 36,000 requests per month and provides farmers with easy data input and user-friendly insights into their carbon footprint.

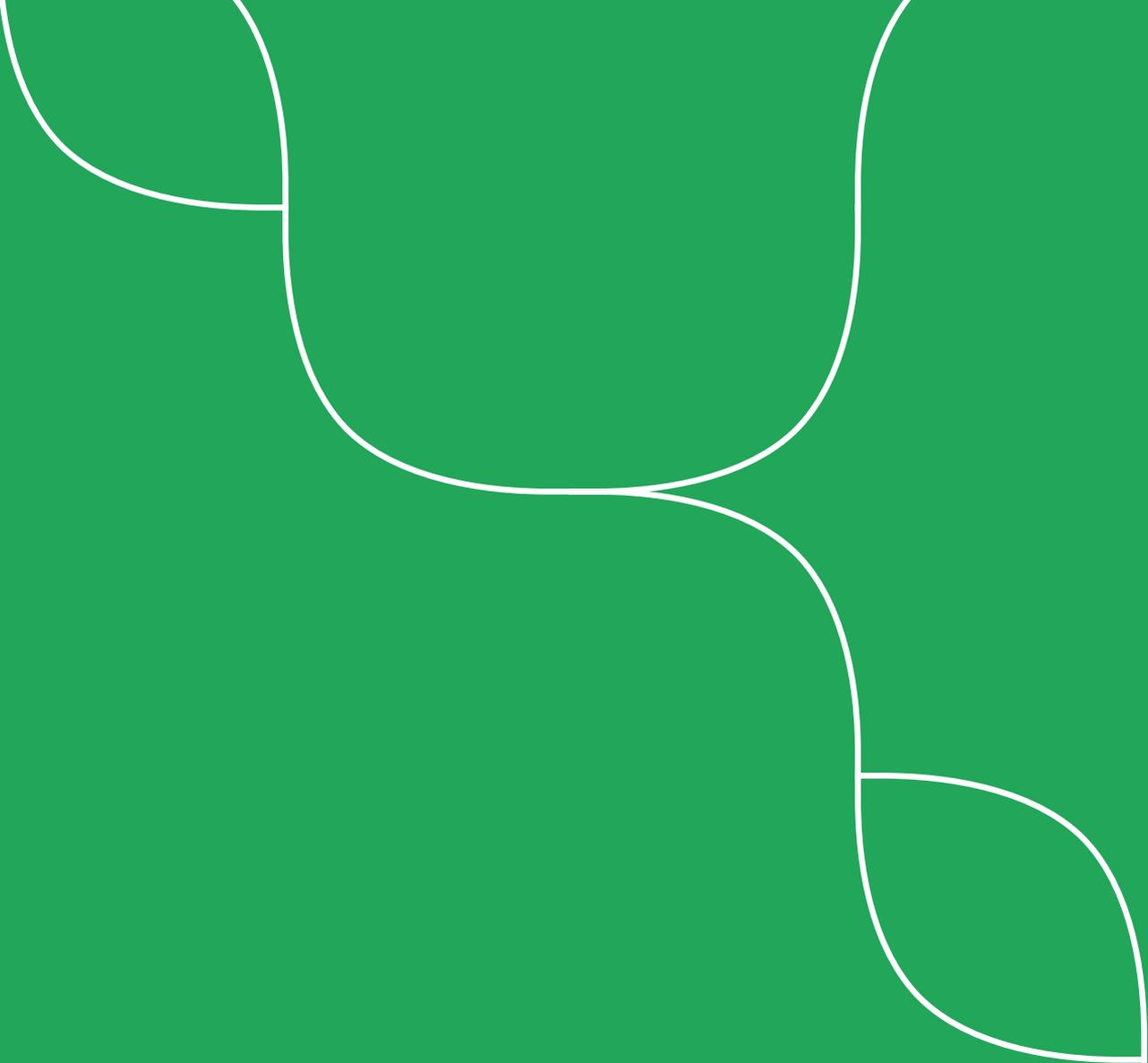
BioScope tool to assess supply chain biodiversity impact



- ❑ BioScope is a free access online tool to easily determine the impact of a company's supply chain on biodiversity.
- ❑ The user interface has a simple visual way to gather and enter data, which makes it accessible to companies and users at all expertise levels.
- ❑ The results are visualised on a world map, showing where the biodiversity impacts take place and which human activity is most likely to cause it. Users can register for the tool online.



The GHG module offers real-time LCA calculations. The new GHG module uses a parameterized LCA model, created by experts at dairy cooperative FrieslandCampina. The KringloopWijzer interface and Central Database, developed by software firm VAA, communicate directly with the SimaPro LCA model through an API.



Meet the developer: PRé

PRé is the developer of SimaPro, the life cycle assessment software trusted by experts around the world since 1990. At PRé, we help companies turn sustainability strategy into action, through fact-based consulting services, training and software solutions based on life cycle thinking. Our specialty is developing long-term solutions that help our customers create value and drive sustainable change.

Learn more at simapro.com

SimaPro



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