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One Click LCA allows everyone to calculate environmental assessments for projects and products

Bionova has released [One Click LCA](#), a software that quickly and easily calculates environmental footprints, known as Life-Cycle Assessments (LCA), for construction projects and products. LCA is the most reliable way to measure environmental impacts. However, conducting an LCA has so far required experts and carried a high cost. Now, assessments that used to take days or even weeks can be done in moments using *One Click LCA*. The solution supports LEED and BREEAM certifications.

One Click LCA takes pre-existing material design data (e.g. a Building Information Model) or costing data, which are transformed into environmental impacts on the [360optimi](#) LCA web platform. The platform's comprehensive materials database ensures rapid, yet accurate results. It has been piloted in cooperation with industry leaders, including Skanska, Ruukki Construction, and the public works departments of the cities of Helsinki and Jyväskylä. *One Click LCA* is now commercially available.

"One Click LCA is a game-changer for sustainable construction and manufacturing", says Panu Pasanen, CEO of Bionova Ltd. "It enables everyone to build green buildings with measurable impacts, not just marketing buzz. Now designers and managers can access reliable environmental facts to support decision-making, marketing and certification at a fraction of the time, cost and hassle."

If a full LCA isn't needed, the platform can deliver carbon and water footprints, for construction project from buildings to infrastructure as well as for product manufacturing. The platform has been third party certified for compliancy with ISO and EN standards and it delivers ready to use LCA reports that can be used to achieve credits for LEED and BREEAM (International, NOR and SE schemes) certification. Additionally, it can be used to calculate life-cycle costs of projects.

One Click LCA helps designers and managers make better choices, saving time and money besides the environment. Reliable Environmental Product Declarations help product manufacturers differentiate and reach new markets, while for construction projects, green credentials help in developing and ensuring asset value. For cities, *One Click LCA* assists in the running of land sales and architectural competitions and moves green from being a buzzword to a measurable fact.

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About Bionova:

Bionova is the developer of 360optimi and One Click LCA, a leading easy-to-use cloud-based sustainability metrics solution. These help businesses such as Skanska, NCC and Saint-Gobain Weber comply with increasingly demanding environmental requirements easily and efficiently, and they are used in over 10 countries and supports construction projects, Environmental Product Declarations, corporate environmental metrics and data management. Bionova is based in Helsinki, Finland.

Additional information: www.bionova.fi and www.360optimi.com/en/one-click-lca.