



BAUMA Innovation Award 2025

Press Release

N1 Circular GmbH nominated for BAUMA Innovation Award 2025: SITE DEPOT material flow management software revolutionizes the circular economy in construction

The construction industry is facing a huge challenge: more than 200 million tons of mineral waste are produced every year in Germany alone - by far the country's largest mountain of waste, according to the Federal Statistical Office. Much of it is already being recycled. But it could be much more. However, an effective circular economy has so far failed due to a lack of transparency in identifying potential materials for recycling and upcycling and making them available regionally.

The Site Depot software developed by N1 Circular GmbH addresses this problem with an innovative approach that uses artificial intelligence to make material flows transparent and create new connections between resources and needs. The company has now been nominated for the prestigious BAUMA Innovation Award 2025 in the Construction category, which is one of the most important awards in the construction industry.

Site Depot analyzes service specifications for construction projects and automatically extracts information about which materials are generated or required when, where and in what quality. The innovative software enables construction companies, recycling companies and public waste management authorities to recycle and reuse secondary raw materials in a targeted manner using integrated maps with recycling and disposal options. It thus creates links between what is considered waste in one place and what is urgently needed as a resource in another - a digital ecosystem for sustainable material flow management.

What makes Site Depot special is that it acts as neutral software, not as a retailer. The application creates transparency about regionally available materials and suitable recycling options, while users retain full control over their data and business relationships and customers only pay for what they actually use and need.

This is because N1 offers Site Depot as a software-as-a-service product. With the help of various visibility modes, users determine the recipient group of their own offers themselves, including cartographic representation and information on material, location, quantity, time and price. Customers can currently choose between the paid Enterprise version and Site Depot Community, in which all functions are free and public.

As Site Depot makes it possible to integrate other software providers and their solutions into the operating system via interfaces, users can build an individual, seamless and tailor-made environment according to their needs and respective use cases.



“Using resources more efficiently in construction is one of the biggest challenges facing our industry. It is essential to develop holistic concepts that promote recycling and upcycling,” says Christian Landes, Managing Director and founder of N1. “A circular economy not only makes it possible to sustainably reduce resource consumption and the carbon footprint, but also to tackle the waste problem. With every recycled building material, primary resources are conserved for future generations and disposal costs and therefore landfill space are saved.”

Initial analyzes in the market have shown: The systematic recording of temporary material depots on construction sites and intelligent networking with recycling options means that resources are used more efficiently and transport routes are minimized. Site Depot users can cut their project costs by up to 20 percent and significantly reduce CO2 emissions at the same time.

Over 80 well-known customers, including industry giants such as Max Wild GmbH, Heinrich Feess GmbH & Co. KG, Zech Bau and Goldbeck are already using the software. The public sector also uses Site Depot. For example, there are cooperations with the Ministry of the Environment of Baden-Württemberg or specifically with the district of Ahrweiler. There, the forces involved in the construction and clean-up of the flood disaster use Site Depot to achieve the goals of reconstruction and to further develop the local circular economy.

Produce, use, throw away: The previous logic of our linear economy has long since reached its limits. “With our operating system for the circular economy, we want to make a measurable contribution to preserving our habitat by promoting the efficient use of natural resources in cycles,” says Christian Landes.

About N1 Circular GmbH

Founded in 2017 by construction and industrial engineer Christian Landes, N1 Circular GmbH develops digital solutions for a sustainable construction industry. The company is based in Heidelberg and employs 15 people. With its Site Depot software, N1 has created a digital operating system for the circular economy that optimizes material flows, also using artificial intelligence.

N1 has already received several awards for its innovative and disruptive technologies. The BAUMA nomination is part of an impressive series: Site Depot has been awarded the German Federal Ecodesign Award and the German Sustainability Award. The company reached the TOP 3 of the German Innovation Award.



Pictures



SITE DEPOT

Das Betriebssystem der Kreislaufwirtschaft.



Einfache Erfassung von Haufwerken und Kippstellen.



Frühzeitige Erkennung von Verwertungspotenzialen.



Schnelle Ermittlung der besten Beschaffungs- & Entsorgungsoptionen.



Selbstbestimmte Veröffentlichung eigener Verwertungsangebote.

SD SITE DEPOT
Eine SaaS-Lösung der N1 Trading GmbH.

SITE DEPOT is not a marketplace and supports direct business between suppliers and buyers of material. The neutral software can be used purely within the company and, if required, also for interaction with selected partners or the entire N1 network.



SITE DEPOT is an application for construction companies that want to do something good for their material flow management. The integrated maps with regional primary and secondary material sources as well as recycling and disposal options make it easier to combine economic and ecological interests.



SITE DEPOT provides the construction industry with a digital tool that can be easily integrated into everyday construction work and quickly delivers added value.

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