

The logo for nyoia, featuring the word "nyoia" in a lowercase, sans-serif font. The letter "o" is replaced by a green circular icon containing a white stylized leaf or plant symbol. A registered trademark symbol (®) is located to the upper right of the "a".

nyoia®

A woman with dark hair, wearing a white lab coat and blue nitrile gloves, is smiling and holding a green leafy plant with a visible root system. The background is a blurred laboratory or greenhouse setting with pinkish lighting.

Meet the
substrate of the
future today



Our dream

We want to help make the horticultural sector more sustainable, scalable and clean by exploiting the best raw materials that are always available and a sustainable substrate. A substrate that above all does what it is intended to do. Wishful thinking? No, think again! Klasmann-Deilmann and Maan Biobased Products are working hard on that dream, and it **is about to come true: Nygaia!**

Sustainable

We want to produce a substrate that's as sustainable as possible, yet perfectly suited to the requirements associated with intensive, high-tech horticulture. Nygaia is biodegradable (compostable) and biobased, which means zero waste. And our ultimate dream is to produce Nygaia more locally.







Steerable

Check the variables: Nygaia is completely clean and inert, so you decide what goes into your system and what stays out of it; no issues with residues or loose particles. This makes Nygaia ideal for sustainable, high-tech crops such as hydroponics, vertical farming and closed environment agriculture (CEA). However, Nygaia also performs remarkably well in more traditional cultivation systems.



Scalable

Our dream? To supply a semi-finished product and the machinery for decentral production, so that both you and we can easily scale up.







Safe

Nygaia's structure is stable, so no loose particles end up in the system and your crop remains free of microplastics, toxic residues and pathogens. The best growing conditions can only have one result; a strong and healthy crop.



www.nygaia.com



Learn more about Nygaia:

Maan Biobased Products and Klasmann-Deilmann are developing Nygaia to make the horticultural sector more sustainable, scalable and clean. If you would like more information about Nygaia, ask some other question or get in touch with us for any other reason.



Nygaia is a joint project of Klasmann-Deilmann GmbH and Maan Biobased Products B.V.