

Development of an innovative solution for agricultural robots

The German breeder Strube D&S GmbH, European seed referent, Fraunhofer Development Center X-ray Technology EZRT and Naïo Technologies, leader in agricultural robotics solutions, announce a new partnership. Create a sustainable agriculture through innovation is the objective of this cutting-edge partnership.

Strube, Fraunhofer EZRT and Naïo Technologies share together the same goal: contribute to more sustainable agricultural practices aligned with the current societal, environmental and economical expectations.

This is the next step for Strube in the announced company strategy called VisionBlue. "Strube, as a responsible supplier of the sugar-beet value chain, has decided to develop progress not only in breeding but also in new methods of beet cultivation. We are convinced that precision farming and robotic will play an important role to face the challenges of tomorrow", emphasizes Martin Reisige, managing director from Strube D&S.

By signing this partnership with Strube, Naïo Technologies shares its expertise in agricultural robotization, serving a new crop, that of sugar beet. "Based on our respected experience gained on vegetable and wine, we are delighted to use now our expertise for new type of cultures. Our cooperation with Strube will result with a robotic mechanical weeding solution for their beets' fields", explains Aymeric Barthes, CEO of Naïo Technologies.

The long-term cooperation between Fraunhofer EZRT and Strube has led to a successful development of a wide variety of systems for sugar beet research. "We are pleased to contribute our extensive competences in the fields of cognitive sensors and artificial intelligence (AI) to this important and future-oriented research field," explains Prof. Dr. Randolph Hanke, Divisional Director of Fraunhofer EZRT.

This collaboration highlights a common desire to adapt to the new weeding methods. The first outputs of this partnership will be presented in upcoming months.



Entwicklungszentrum Röntgentechnik EZRT.

Logos of all cooperation partners: Strube D&S GmbH, NAÏO-Technologies and Fraunhofer-