

PRESS RELEASE

On Tuesday the winners were announced at the virtual opening of GreenTech Live & Online. The winners in 3 categories - out of a total of 26 entries - of the GreenTech Innovation Awards 2020 are: ISO Grade 8000 by ISO Group, Nexus High Performance Reverse Osmosis by Van der Ende Groep and CELINE by CE-Line BV.

Chairwoman Liselotte de Vries (TU Delft AgTech Institute) explains: "The 3 winning innovations looked beyond their own organization and clearly illustrated how their innovation is expected to disrupt the entire chain. The presentations and statements were backed up with numbers/figures. Working with partners was also a parameter that helped the winners to higher grades. The winners introduced a new approach or concept, while others improved existing practices".

Category winners

Category Innovation: ISO Group with the product ISO Grade 8000

- Product description:

The ISO Grade 8000 is a machine that is able to sort young plants based on Artificial Intelligence and 3D imaging. With the newest techniques in AI the grower is able to sort on a lot of different characteristics of the plant which makes the sorting process way more accurate and with the unique gripper technique it is possible to pick up young plants and replace them in an empty tray.

- Jury comments:

1. "Working together with a strategic partner"
2. "Impressive technology combination"

Category Sustainability: Van der Ende Groep with the product Nexus High Performance Reverse Osmosis

- Product description:

The Nexus High Performance Reverse Osmosis (HPRO) is a water desalination system that uses less energy and gives a higher recovery rate than a conventional RO system, using smart machining technology. It makes use of the water source in a more efficient and responsible way, resulting in lower consumption of raw water and less waste water.

- Jury comments:

1. "Great idea using AI to increase the RO efficiency"
2. "More innovative and high expected impact on sustainability"

Category Concept: CE-Line BV with the product CELINE

- Product description:

The irrigation water can be adjusted as wanted. All nutrients are measured continuously, real-time, with CELINE. This real-time data, combined with an individual nutrient dosing system makes it possible to create the ideal irrigation water which is always stable and controllable, no matter the circumstances. 5% yield increase Improved crop quality Reduces water and fertilizers Remote control.

- Jury comments:

1. "Good idea that has not been solved yet"
2. "Good for nutrient and water savings in real time"
3. "Great step forward in high precision fertilization. Knowing what the plant uses at certain climate conditions will help reduces over fertilization and waste. might also be a great tool in getting more understanding of how your plants in certain conditions"

[View the list of 12 nominees](#)

[View all entries](#)

Meet the jury

The jury of the GreenTech Innovation Awards 2020 consists of:

- Liselotte de Vries (Chairwoman), TU Delft AgTech Institute (Netherlands)
- Silke Hemming, Wageningen University & Research (Netherlands)
- Peter Zwinkels, Tecknokaas (Netherlands)
- Mark Durno, Rockstart (United Kingdom)
- Perry van Adrichem, Horti-Tech B.V. (Netherlands)
- Wolfgang Steiner, Gemüsebau Steiner GmbH & Co KG (Germany)

The jury's advisory committee consists of:

- Brian Sparks, Greenhouse Grower (USA)
- Leonardo Capitanio, Vivai Capitanio (Italy)
- Enrico Verhoef, Total Greenhouse Service (Mexico)
- Christoph Geissler, TASPO, Haymarket Media (Germany)

More information and registration

Interested in GreenTech Live & Online? Please visit greentech.nl for more information and to register.

GreenTech Amsterdam 2021

GreenTech Amsterdam will be held from Tuesday 15 - Thursday 17 June 2021. The exhibition is a global meeting place for all horticultural technology professionals. GreenTech focuses on the early stages of the horticultural chain and the current issues growers face. All Dutch front runners, greenhouse builders and suppliers are present. In 2019 a total of 12,489 professionals from 114 countries visited GreenTech Amsterdam. GreenTech is supported by AVAG, the industry association for the greenhouse technology sector in the Netherlands.

More information via the [GreenTech website](#) or follow GreenTech on [Facebook](#), [Twitter](#), [LinkedIn](#), [Instagram](#) or [Youtube](#).