

## PROFILE CROP INNOVATION & BUSINESS 2022

This page about the 2022 edition of CROP Innovation & Business conference that took place in **Ghent, Belgium** may give you an impression about what the conference has to offer.

*NOTE: this was the first event that took place shortly after the COVID-19 lockdown period.*

### Topics

- Environmental control for better plants and better plants for controlled environments
- Adapting crops to changing environments: Genetic diversity & sustainable banana production
- A different kind of green: changing the narrative on sustainable food production
- Food as a Force for Good – Driving the Food Transition Together
- Revolutionizing agrifood by investing in impact
- Healthy soils for healthy crops for healthy humans
- Crop diversity for human health benefits
- New crops for sustainable & healthy products
- Adaptation of crops to diseases & environmental changes
- Understanding Fertilization for better seeds
- Artificial intelligence in agriculture
- Global portfolio strategies in agri business
- Robotics and drones for breeding- and production of crops
- Complementary advancements in science & technologies
- Plant science for climate change and food security





## Speakers

- Dr. Manfred Aben, Global VP S&T Foods & Refreshment / Site Leader Unilever Foods Innovation Centre Wageningen
- Jonathan Berte, Founder Robovision
- Dr. Hidde Boersma, Science journalist, essayist and documentary film maker
- Irina Calic, Postdoctoral Research Associate University of Cologne
- Dr. Mikael Courbot, Chief Technology Officer Micropep Technologies
- Dr. ing. Matthew de Roode, Manager Innovation Sensus
- Prof.Dr. Matty Demont, Research Leader Markets, Consumers & Nutrition CGIAR International Rice Research Institute (IRRI)
- Ouri Fischel, Business Development Director Agrematch LTD.
- Prof. Dr. Guido Grossmann, Heinrich-Heine University Düsseldorf
- Denia Herwegh, Predoctoral fellow VIB-UGent
- Prof Dr Dirk Inze, Science Director VIB-UGent Center for Plant Systems Biology
- Karen Kloth, Postdoctoral Researcher Wageningen University & Research
- Hein Kruyt, CEO Solynta
- Benjamin Laga, CEO and Founder Protealis
- Dr. Bart Lambert, Global Oilseeds Technology Lead BASF Agricultural Solutions
- Dr. Ying Liu, Postdoc Researcher Horticulture and Product Physiology Group at Wageningen University and Research
- Prof. dr. Steven Maenhout, Director Progeno Research group Predictive Breeding, Ghent University
- Andre Moreira, CEO Novihum Technologies GmbH
- André Negreiros, Seed Applied Technologies Leader Corteva
- Sam Oswald, R&D Data Scientist VITO Remote Sensing
- Dr. Ryan Rapp, Chief Technology Officer Pairwise Plants
- Dr. Manuel Rosas, Chief Scientific Officer Planasa
- Sami Saarenpää, Doctoral Student ScilifeLab Stockholm
- Juan Sanchez Tamburrino Ph.D., MBA, Vice President of Research and Development 22nd Century Group, Inc.
- Ying Shao, Co-Founder and CEO Plantik Biosciences
- Anker Sørensen, Vice President New Business KeyGene
- Bram Tijmons, CEO & co-founder PATS Indoor Drone Solutions
- Hendrik Van Asbroeck, Partner Astanor Ventures
- Rick van de Zedde, Project Manager WUR-Netherlands Plant Eco-phenotyping Centre
- Lars van der Lely BSc., MSc Robotics Student TU Delft
- Dr. Fred van Ex, Vice President Discovery and Product Design Inari Agriculture N.V.
- Dr. Thijs Van Gerrewey, Biostimulant Project Coordinator HortiCell lab and the Center for Microbial Ecology and Technology (CMET), Faculty of Bioscience Engineering, Ghent University
- Mark van Haaren, Global Head Licensing Vegetables Syngenta Crop Protection AG
- Dr. Arjen van Tunen, CEO KeyGene
- Dr. Jon van Wagenen, Senior Scientist AeroFarms
- Dr. Gerard Verbiest, Assistant Professor / Tenure Track TU-Delft
- Dr. Isabel Vercauteren, CEO Apeha.Bio
- Evelien Waegneer, PhD Student KU Leuven / ILVO
- Ingmar Wolff, Co-Founder and CEO heliopas.ai GmbH

## Participants

- 162 participants from over 13 countries and from 3 continents



### Innovator pitches

- Viviana Jaramillo, Radicle Crops (the Netherlands)
- Fidel Lozano Elena, PLANeT BIOTECH (Spain)
- Daria Chrobok, plant-DiTech (Israel)
- Nachiket Kashikar, European Spatial Biology Center (ESBC nv) (Belgium)
- Ziad Matar, E-TERRY (Germany)
- Martha Wenzel, Veridi Technologies (Netherlands)

### Sponsor and Exhibitors

- Ad Terram (the Netherlands)
- BASF (Belgium)
- Enza Zaden (the Netherlands)
- KeyGene N.V. (the Netherlands)
- KWS (Germany)
- Limagrain (France)
- MolGen (the Netherlands)
- NLO (the Netherlands)
- Rijk Zwaan (the Netherlands)
- Synchron Instrumenten (the Netherlands)
- Takii (Japan)
- VIB (Belgium)
- VITO (Belgium)

### Represented companies and organisations

22nd Century Group, Inc., United States  
2Blades Foundation, United States  
Ad Terram Treatment Technologies B.V., Netherlands  
AeroFarms, United States  
AgKnowledge Partnering, Belgium  
Agrematch LTD., Israel  
Agri Information Partners BV, Netherlands  
Agrivoltio SL, Spain  
Apha.Bio, Belgium  
Astanor Ventures, Grand Duchy of Luxembourg  
B2BE Facilitator, Belgium  
Barry Callebaut, Switzerland  
BASF Agricultural Solutions, Belgium  
BASF, Belgium  
Bayer AG, Germany  
Bayer Crop Science, Belgium  
Bejo Zaden B.V., Netherlands  
Belchim Crop Protection NV, Belgium  
Böhm-Nordkartoffel Agrarproduktion, Germany  
Cargill Cocoa and Chocolate, Netherlands  
Center for Research in Agricultural Genomics (CRAG), Spain

CGIAR International Rice Research Institute (IRRI), Philippines  
Computomics GmbH, Germany  
Corteva, Switzerland  
Dossche Mills N.V., Belgium  
Enterprise Ireland, Netherlands  
Enza Zaden, Netherlands  
E-TERRY, Germany  
Eurofins Genomics Germany GmbH, Germany  
European Spatial Biology Center nv, Belgium  
flanders.bio, Belgium  
Genetwister Technologies B.V., Netherlands  
Ghent University, Belgium  
Heinrich-Heine University Düsseldorf, Germany  
Heliopas.ai GmbH, Germany  
Highwoods, Belgium  
HIPHEN, France  
HortiCell lab and the Center for Microbial Ecology and  
Technology (CMET), Faculty of Bioscience Engineering,  
Ghent University, Belgium  
Horticulture and Product Physiology Group at Wageningen  
University and Research, Netherlands



Hudson River Biotechnology, Netherlands  
ILVO - Plant Sciences Unit, Belgium  
Inari Agriculture N.V., Belgium  
John Innes Centre, United Kingdom  
KDEnoodt International Consult, Belgium  
KeyGene, Netherlands  
KU Leuven, Belgium  
KWS SAAT SE & Co. KGaA, Germany  
LGC Bioscience Technologies, United Kingdom  
Limagrain, France  
Lutz Krafft, Germany  
Melchers Biotechnology Consulting, Netherlands  
Micropep Technologies, France  
MolGen B.V., Netherlands  
NLO, Netherlands  
Novihum Technologies GmbH, Germany  
NRGene, Israel  
Pairwise Plants, United States  
Palacký University in Olomouc, Czechia  
PATs Indoor Drone Solutions, Netherlands  
Planasa, Spain  
Plant-DiTech Ltd, Israel  
Plantik Biosciences, France  
Protealis, Belgium  
QTC Recruitment, Netherlands  
Radicle Crops, Netherlands  
Research group Predictive Breeding, Ghent University, Belgium  
Resurrect Bio, United Kingdom  
Robovision, Belgium  
Sabatellini & Associats, Spain  
SciLifeLab Stockholm, Sweden  
Sensus, Netherlands  
Solynta, Netherlands  
StartLife, Netherlands  
Stichting StartLife Holding, Netherlands  
SweTree Technologies AB, Sweden  
Synchron Lab Automation, Netherlands  
Syngenta Crop Protection AG, Switzerland  
Syngenta, Netherlands  
Takii Europe BV, Netherlands  
Takii France SAS, France  
TOYOTA BOSHOKU EUROPE N.V., Belgium  
TU-Delft, Netherlands  
UGent, PSB-VIB, Belgium  
Unilever Foods Innovation Centre Wageningen, Netherlands  
University of Cologne, Germany  
Urban Crop Solutions, Belgium  
V-Bio Ventures BV, Belgium  
Veridi Technologies, Netherlands  
VIB Plant Systems Biology, Belgium  
VIB, BELGIUM  
VIB-Ghent University, Belgium  
VIB-UGent Center for Plant Systems Biology, Belgium  
VIB-UGent, Belgium  
Vilmorin & Cie, France  
VITO Remote Sensing, Belgium  
Wageningen University & Research, Netherlands  
WUR-Netherlands Plant Eco-phenotyping Centre, Netherlands