



Association for
Vertical Farming

Bayerisches Staatsministerium für
Wirtschaft, Landesentwicklung und Energie
Bayerisches Staatsministerium für
Ernährung, Landwirtschaft und Forsten



International Vertical Farming and New Food System Conference & Exhibition

*2-3 September 2021
Munich, Germany*

*Event Location
Hotel Andaz
Leopoldstr. 170, 80804 Munich*

Conference Program

Day 1: September 2nd			
Time	Topic	Speaker	Room
11:00	Registration Coffee/Lunch		Lobby
12:30 -13:15	I. Opening and Welcome Remarks	<p>Welcome Remarks - Christine Zimmermann-Lössl, Association for Vertical Farming e.V. Chairwoman</p> <p>StM Michaela Kaniber, Bavarian Minister of State for Food, Agriculture and Forestry</p> <p>Herr Roland Weigert Bavarian State Secretary of Economic Affairs, Regional Development and Energy</p> <p>Walter Heidl, President of Bavarian Farmers Association (BBV)</p>	Plenum

13:20-14:50	II. Keynotes on the New Food System	<p>Challenges of the Global Food System, Christine Gould, Founder and CEO of Thought For Food (TFF)</p> <p>Vertical Farming and Planetary Boundaries, Maximilian Loessl, Co-Founder and CEO, Agrilution</p> <p>Cultured Meat- Pioneering a cleaner way of making beef, Prof. Mark Post, Mosa Meat and Maastricht University</p> <p>Sustainable Investment and Innovation for the New Food System Kieran Mahanty, Director in Growth Team, Blue Horizon Corporation</p>	Plenum
14:50-15.10	Coffee Break		
15:10-16:45	<p>III. Parallel Breakout Sessions (Format: Roundtable & Workshop)</p> <p>A. New Innovations in Vertical Farming (Roundtable) <i>Dr. Laura Cammarisano, Scientist at Leibniz Institute IGZ e.V. Facilitator</i></p> <p>B. Swarming the Future and the potential of cellular meat production (Workshop) <i>Thea Otto, AVF Project Manager, Facilitator</i></p>	<p>Intro Growth without light & fruits without plants by Lucas van Zee</p> <p>Session A. Strawberry Harvest Automation, Dominik Feiden, Co-Founder and CEO of Organifarm</p> <p>Rethinking Horticulture Lighting, Dr. Prash Makaram, Founder and CEO of Crocus Labs GmbH</p> <p>Intravision Group, Per Aage Lysa, CEO/Owner</p> <p>iFarm Growtune: super app for vertical farming, Max Chizov CEO, iFarm</p> <p>Scalability, innovation and profitability in the CEA industry. Thomas Ambrosi, CEO Ono Exponential Farms, Italy</p> <p>Session B. Market Overview and Challenges, Marian Peters, CEO of New Generation Nutrition B.V. (NGN) Potential of cellular meat production, Mark Post</p>	<p>Room A</p> <p>Room B</p>

	<p>C. Holistic Vertical Farming – unique selling points (Roundtable) <i>Dr. Jenna Bell, Senior VP of Nutritional Science of Sensei Ag, Facilitator</i></p> <p>D. Being in the Know About Investors' Expectations on Vertical Farming (Roundtable) <i>Kieran Mahanty, Director in Growth Team, Blue Horizon Corporation, Facilitator</i></p>	<p>Session C. On Health, Dr.Jenna Bell, Senior VP of Nutritional Science of Sensei Ag On Special Crops - Local exotics: wasabi & strawberry, Eszter Simon, CEO of PhytonIQ On Unique Selling Points of Vertical Farming, Maximilian Loessl, Co-Founder and CEO of Agrilution</p> <p>Session D. An Introduction to Investor's Evaluation Process for a Vertical Farming Enterprise, Kieran Mahanty, Director in Growth Team, Blue Horizon Corp. Annette Schoemmel, Co-Founder of XanaduAlpha AG, CH</p>	<p>Room C</p> <p>Room D</p>
16:55-17:40	<p>IV. Panel AgTech Future & Impact Transition scenarios, Role of education, Financing the transition, Business models, Urban agriculture, New Food Systems</p>	<p>Fabio Ziemssen, CEO of Zintius Fond für Food Start ups</p> <p>Maximilian Loessl, Co-Founder and CEO Agrilution</p> <p>Prof. Mark Post, Mosa Meat and Maastricht University</p> <p>Annette Schoemmel, Co-founder + Managing Director XanaduAlpha</p>	
17:45-18:20	Special Presentation	The Future of Food, Eva Keretic	Plenum
19:00	Dinner for VIP Guests and Speakers		
Day 2: September 3rd			
8:30	Registration		Lobby
9:00-10:00	<p>V. Latest Scientific Developments in Vertical Farming (15 mins each)</p>	<p>Controlling Growth and Quality Based on Physiology of the Plant Prof. Leo Marcelis, Wageningen University, The Netherlands</p> <p>Smart Green Grow for Vertical Farming – Development of AI & Precision Data Solution for Improving Food Production and</p>	Plenum

		<p>Sustainability Prof. Chungui Liu, Nottingham Trent University, United Kingdom</p> <p>The Robotic Vertical Farm and a Microalgae Vertical Farm Prof. Joel Cuello, The University of Arizona, U.S.A.</p> <p>New Cultivation Systems, Prof. Jasper den Besten, HAS University</p>	
10:05-10:50	<p>VI. Startup Pitches</p> <p>With Q+A Voting by audience</p>	<p>Lite+Fog, Martin Peters, Co-Founder and CEO, Germany</p> <p>Kasveista, Rosario Iacono, CEO Germany</p> <p>Organifarms, Dominik Feiden CEO</p>	Plenum
10:50-11:15	Networking Break		Lobby
11:15-13:15	VII. Overview of Global Trends in Vertical Farming	<p>Cultivating Medicinal Plants and Berries in Vertical Farms, Per Aage Lysa, CEO of Intravision Group, Norway</p> <p>Growing Edible Cities in the Philippines: The National Urban Agriculture Program of the Philippines, Gerald Glenn Panganiban, Director of National Urban Agriculture Program, Department of Agriculture of the Philippines</p> <p>Advances in LED lighting, Andreas Pohl, Seoul Semiconductor Korea/</p> <p>Smart Carbon Upcycling: The Energy Solution for Vertical Farming, Peter Westerhoff, Owner UES Umwelt Energiesysteme GmbH / Rainer Janzen, CEO of Lujan UG</p> <p>Is Africa Ready for Vertical Farming? Francis Njuakom Nchu, Director of Community Development Volunteers for Technical Assistance (CDVTA), Cameroon</p> <p>Enabling Innovation in Vertical Farming through Research, Market knowledge and Cooperation Alexander Gerfer, CEO and CTO of Würth Elektronik eiSos Group GE</p>	Plenum
13:15-14:00	Lunch Break		

14:00-14:30	VIII. AVF Sustainability Certification Program for Vertical Farming Q+A	Christine Zimmermann-Loessl, AVF Chairwoman Prof. Joel Cuello, Vice Chair AVF Henry Ernst, Assessment Manager, Control Union (UK)	Plenum
14:30-14:55	IX. Investor's Perspective: How to Start a Vertical Farming Business	Annette Schoemmel, Co-Founder and Managing Director XanaduAlpha AG, CH	Plenum
15:00-15:45	X. Startup Pitches Q+A Voting of audience	Spacefarm , Tusya Gharibashvili, Head of CEA Project, Georgia Crocus Lab , Dr. Prash Makaram, CEO, Germany	Plenum
15:45-16:00	Coffee Break		Lobby
16:00-16.30	XI. AVF Vanguard Award Ceremony	Inaugural 2021 AVF Vanguard Award for Government Leadership in Harnessing Innovation for Sustainable Food Production	Plenum
16:30-17:00	XII. Closing Discussion	Key take aways, next steps	Plenum
17:00-17:30	Special Presentation	Green Bronx Machine and Stephen Ritz: Growing Something Greater!	Plenum