



Programme Business Day

Finding answers together

26 September 2019



WAGENINGEN
UNIVERSITY & RESEARCH



100years
1818 — 2018

Dear guest,

The power of Wageningen University & Research is that it is a melting pot for research and education in various fields of science. The brew in the melting pot enables us to contribute to solutions for challenges in our society, business and government in the domain of health, food and living environment. Working together with you, our stakeholders and partners, in an interdisciplinary way is the power of the Wageningen approach.

Last year, in the centennial program, we organised a Company Day: it was one of the highlights of this jubilee programme. So we decided it to be the start of a new tradition, the Business Day.

So again we have invited you to come to Wageningen Campus to give you a feel of how the latest and most relevant research can contribute to the innovation agenda of your organisation. And we would like to hear how your innovation agenda can inspire us to come up with new research ideas. Because the challenges we are facing on our planet surpass individual organisations, nations, disciplines and cultures. In the effort to face these challenges, we need to collaborate.

We are very pleased to welcome you today. Let's join forces and create a lasting impact for a sustainable future, together.

With kind regards,
The Executive Board of Wageningen University & Research

Prof.dr *ir.* Louise O. Fresco, President
Prof.dr *ir.* Arthur P.J. Mol, Vice-President and Rector
Magnificus Wageningen University
Rens L.A.C. Buchwaldt, Member Executive Board

Business Day: finding answers together

Welcome at the WUR Business Day 2019 – Finding answers together. Our world needs solutions, technologies and innovations which cross the borders of nations and sectors. We need to make a global impact together and resolve critical global challenges in our domain.

This day will offer you an opportunity to dive into the six highly current topics at WUR and provides an inspirational outlook on novel technologies and their possible applications and impact. We will explain and discuss the topics **new proteins, climate challenges, data and platforms, phenotyping, circularity challenge and balancing nutrition and sustainability**. We look forward to combine our inspiration with your ideas and actions.

The interactive sessions offer you the opportunity to visualise, discuss and experience innovative technologies. You will have a unique chance to explore and strengthen your contacts with WUR and other stakeholders. And we ask you to contribute through discussion, challenging, to draft roadmaps; to sketch the next steps.

The programme consists of three theme rounds, so during the day you can acquaint yourself with three of the six

state-of-the-art research topics. Each round starts plenary, after which you get the chance to join one or more sessions like discussions, tours and pitches. After each round you will relocate to the next theme of your choice as indicated on your registration badge.

Be welcome at Wageningen University & Research, get inspired and join in to find answers, together.

Programme

09.00-09.45 Registration

09.45-10.40 Inspirational opening:
*Finding answers together to realize
global impact*

Rens Buchwaldt

Wageningen University & Research

Key Note Speaker:

*Strategic partnerships, a foudation for a
billion euro company with healt impact*

Onno van de Stolpe

CEO Galapagos (biotech)

11.00-12.15 Theme sessions - Round 1

12.30-13.30 Lunch in Orion

13.45-15.00 Theme sessions - Round 2

15.30-16.45 Theme sessions - Round 3

16.45-18.30 Closing and drinks

The opening, lunch and closing take place in Orion Building. The theme sessions take place at different buildings around Wageningen Campus. In between the sessions there is time to relocate around Campus.

Speakers



Onno van de Stolpe

Onno van de Stolpe, founder of Galapagos NV, one of the largest Biotechs in Europe, will share his experiences in the field of cooperation and innovation to achieve impact.

Previously, he worked for The Netherlands Foreign Investment Agency in California, where he was responsible for recruiting biotechnology and medical device companies to locate in the Netherlands. He received an MSc degree from Wageningen University. Mr. Van de Stolpe has previously served as a member of the board of directors of DCPrime BV and as a member of the supervisory board of the Stichting Institute for Human Organ and Disease Model Technologies.



Rens Buchwaldt, MBA

Rens Buchwaldt is currently a member of the Executive Board of Wageningen University & Research, responsible for Finance, Business & Services. Rens Buchwaldt has extensive experience as CFO. From 2006 – 2016, he was

an Executive Director of FloraHolland. First the position of COO and since 2014 as CFO. Before his position at Flora Holland, Rens Buchwaldt was CFO at Royal Ahrend from 2002 - 2006. He also held financial management positions in a number of companies in various countries (USA, UK, Sweden).



Sebastiaan Berendse

Sebastiaan Berendse coordinates and develops WUR's activities to generate impact and value added for society. Value creation is, in addition to research and education, the third core task of WUR and focuses on generating impact through application in practice.

He is responsible for start-up policy (StartLife & the student incubator), knowledge transfer & IP services, shared research facilities & Wageningen Campus development, the Science Shop and Wageningen Dialogues. His passion is to have a personal impact on global challenges (e.g. circular, protein & energy transitions) by using his business administrative background (RSM Erasmus & Stockholm School of Economics).





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campus

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Theme sessions



New proteins: where to find them and how to use them?

Phenomea building

**Dreaming of duckweed?
Curious about crickets?
Get to know WUR's
protein transition team!**



As part of the protein transition, WUR is working with partners near and far to increase access to sustainable proteins. We foresee a future in which our proteins come from a wider collection of sources, tailored to local resources and demands. In this session you'll get an introduction to protein sources of the future, from chickpeas to chlorella to crickets. We will discuss the appeal and limitations of emerging sources, and address bottlenecks to bringing these proteins into the mainstream diet.

Round 1 (11.00-12.15)

Round 2 (13.45-15.00)

Round 3 (15.30-16.45)



The climate challenge translated into manageable actions

Lumen building



Finding answers to the climate challenge together

Climate change has a major impact in terms of its effects on food security, quality of life of people in cities and functioning of the ecosystem. There is an urgent need for solutions in the transformation to a decarbonized economy. There are no simple and clear-cut solutions to increase society's adaptive capacity and drive sustainable development; the only way forward is to connect and co-create solutions. We invite you to join us, by bringing in your expertise, network and capacity to change and transform. WUR is committed to develop evidence-based and scalable solutions for climate action, together with you and your organisation.

Note: Round 1, 2 and 3 each focus on a different aspect of this theme. Choose your round wisely or visit the programme more than once.

Round 1 (11.00-12.15): Towards climate-smart systems

Round 2 (13.45-15.00): Climate adaptation for a healthy environment in cities and surrounding areas

Round 3 (15.30-16.45): Innovations for climate mitigation solutions



Business perspective for data and platforms

Orion West building

How to avoid the valley of death in joint research projects

The journey of bringing the results of research and innovation projects to commercialization goes through a number of technology readiness levels (TRLs).

The system innovative character of our research projects on the field of data and platforms learns that the gap between innovation and societal acceptance and economic viability is sometimes hard to bridge. In this break-out session we will briefly introduce three state of the art research projects with market potential followed by a discussion in which we hope to get your input for mutual cooperation and valorization of the presented projects.



Round 1 (11.00-12.15)

Round 2 (13.45-15.00)

Round 3 (15.30-16.45)



Phenotyping: innovative measuring and modelling to improve performances

Unifarm building

High-tech measurements on plant and animals

Large scale accumulation of data on plant- and animal performance in their natural environments. To understand, model and optimise our food production systems. In live demonstrations our experts will show vehicles, robots and drones that capture data. You will learn the current state-of-the-art and how your business can benefit from these developments in this booming domain. Key topics are: smart agriculture, the new phenotyping research centre, various experiments: climate room, greenhouse and field-based breeding, post-harvest shelf life measurements, and animal health, welfare, behaviour.



Round 1 (11.00-12.15)

Round 2 (13.45-15.00)

Round 3 (15.30-16.45)



The circularity challenge: finding and implementing solutions at different levels

Zodiac building

Finding answers to the circularity challenge together

Are you also struggling with what a circular agri-food system means for your organization? What role can you play in this? How to arrive at a circular system? Or do you have more specific questions? In this interactive session we will get to work with your issues! After a brief introduction and some examples of how we work on solutions at WUR, you will get to work yourself. You will be supported by experts from WUR. After the WUR Business Day we will send you a report detailing the issues you have worked on.



Round 1 (11.00-12.15)

Round 2 (13.45-15.00)

Round 3 (15.30-16.45)



Finding the balance between sustainable production and healthy nutrition

Impulse building

Can sustainability and nutritional improvement move into the same direction?

Agri & food firms make major efforts to improve the sustainability of their supply chains. At the

same time, pressure is building up to

improve the nutritional profile of products. How do these changes match with consumer preferences?

What is the right momentum to pursue product and value chain changes? Can sustainability and

nutritional improvement move into

the same direction? During the

Business Day, we will set the scene on key developments in the Netherlands, Europe and globally. And consequently discuss these challenges and opportunities with you building upon flagship WUR projects on sustainability and nutrition.



Round 1 (11.00-12.15)

Round 2 (13.45-15.00)

Round 3 (15.30-16.45)

