



INNOVATION
& BUSINESS

2 – 4 April 2017

Royal Tropical Institute (KIT) ▪ Amsterdam ▪ the Netherlands

PROGRAMME OVERVIEW

update March 31, 2017

Conference day 1 - Sunday April 2, 2017

14:00-17:00 **Registration desk open**

15:00-17:00 **Welcome reception and social event**

Visit to Micropia

The only museum of its kind in the centre of Amsterdam, displaying the invisible world of micro-organisms. More beautiful and spectacular than you could ever have imagined.

17:00-17:05 **Welcome** BY **PROF. DR. ARJEN VAN TUNEN**, CEO KEYGENE (NL) AND CHAIR SUNDAY PLENARY PROGRAMME

17:05-19:00 **Plenary programme**

'Adaptation to Climate Change & Zero Carbon Emission' from a European perspective

KEYNOTE LECTURE BY **BAREND VERACHTERT**, HEAD OF UNIT AGRI-FOOD CHAIN DG RESEARCH & INNOVATION AT THE EUROPEAN COMMISSION (BELGIUM) WILL PRESENT THE POLICY OF THE EU IN HOW TO ADAPT OUR CROPS TO CLIMATE CHANGE.

Facts (climate.nasa.gov):

- CO₂: levels in air are at their highest in 650.000 years
- Global temperature: 1.7°F up since 1880
- Sea level: rises 3.4 mm per year

'Food Supply & Zero Hunger' from an Asian perspective

KEYNOTE LECTURE **DR. USHA BARWALE ZEHR**, DIRECTOR AND CHIEF TECHNOLOGY OFFICER AT MAHARASHTRA HYBRID SEEDS COMPANY PRIVATE LIMITED (MAHYCO) (INDIA) WILL ILLUSTRATE HOW CROP INNOVATIONS CAN IMPACT FOOD SUPPLY AND CONTRIBUTE TO THE ZERO HUNGER CHALLENGE.

Fact (wfp.org):

There are 795 million undernourished people in the world today. That means one in nine people do not get enough food to be healthy. The good news: hunger can be eradicated.

continue Plenary programme**'Higher Yields & Zero Waste' from an U.S. perspective**

KEYNOTE LECTURE **DR. SALLY ROCKEY**, EXECUTIVE DIRECTOR OF THE FOUNDATION FOR FOOD AND AGRICULTURE RESEARCH (U.S.A) WILL SHARE HER VISION ABOUT US PERSPECTIVES THAT INCREASE CROP YIELD AND REDUCE FOOD WASTE.

Fact (fao.org):

Roughly one third of the food produced in the world for human consumption every year — approximately 1.3 billion tonnes — gets lost or wasted.

Panel discussion**'Critical challenges to agriculture - next-generation perspective'**

LED BY **CHRISTINE GOULD**, CEO THOUGHT FOR FOOD (SWITZERLAND)

PANEL MEMBERS:

- **IHAB BOULAS**, COFOUNDER AND CEO UNIBIOME (FRANCE)
- **GERALD PERRY MARIN**, CO-FOUNDER FOPO FOOD POWDER (SWITZERLAND)
- **MAX LOESSL**, FOUNDER OF AGRILUTION AND FOUNDER OF THE ASSOCIATION OF VERTICAL FARMING - AVF (AUSTRIA)

19:00-20:00 **Conference buffet**

20:00-20:30 **Plenary programme – closing keynote lecture**

'A Dutch perspective on plant breeding and societal challenges'

THERE ARE VARIOUS SOCIETAL CHALLENGES, CAUGHT IN THE 17 SUSTAINABLE DEVELOPMENT GOALS OF THE UN, WHERE WE AS A SOCIETY HAVE TO WORK ON. FOR THESE CHALLENGES, SOCIALLY SUPPORTED INNOVATIVE TECHNIQUES SUCH AS GENOMICS WILL BE CRUCIAL.

MARJOLIJN SONNEMA, DIRECTOR GENERAL AGRO AND NATURE, MINISTRY OF ECONOMIC AFFAIRS (NL), WILL SHARE HER VISION ON HOW IT IS THE TASK OF BUSINESSES, NGO'S, RESEARCHERS AND THE GOVERNMENT TO FURTHER SHAPE THESE TECHNIQUES AND THEIR SUPPORT.

20.30-22:00 **Dessert and coffee/tea buffet**

Conference day 2 - Monday April 3, 2017

08:30 Registration desk open

09:00-09:45 Plenary programme

CHAIR: ARJEN VAN TUNEN, KEYGENE (NL)

KEYNOTE LECTURE BY **ARTHUR P.J. MOL**, RECTOR MAGNIFICUS WAGENINGEN UNIVERSITY (THE NETHERLANDS)

09:45-10:30 Break

10:30-12:30 PARALLEL SESSIONS PART 1

1a. Realizing new solutions: IP & Regulatory hosted by  EP&C
INTELLECTUAL PROPERTY EXPERTS

This session highlights the current trends from various perspectives including patentability of novel breeding technologies, products and biological processes. Regulatory status of new breeding technologies like Crispr/cas9.

CHAIR: MARJAN FRIK, KEYGENE (NL)

SPEAKERS:

- **FRANCK COUTAND**, HEAD OF INDUSTRIAL PROPERTY/CORPORATE SCIENTIFIC DIRECTION AT LIMAGRAIN (FRANCE)
- **DR. SUNIT TALAPATRA**, PATENT ATTORNEY FOLEY & LARDNER LLP (U.S.A.)
- **DR. RENÉ RAGGERS**, DUTCH & EUROPEAN PATENT ATTORNEY (ASSOCIATE PARTNER) EP&C (NL)
- **DR. PATRICK RÜDELSHEIM**, SENIOR REGULATORY ADVISOR, ABS-INT (BELGIUM)
- **RENÉ CUSTERS**, REGULATORY & RESPONSIBLE RESEARCH MANAGER AT VIB (BELGIUM)

MOVING ROUND TABLE DISCUSSION

1b. Insights and understanding: breakthrough R&D hosted by  VIB

What are the next gen innovations generated by our next generation and how are academic R&D findings translated into start-up companies. Will Google's big data and virtual reality technologies also have impact on the Agri biotech industry?

CHAIR: JOHAN CARDOEN, VIB (BELGIUM)

SPEAKERS:

- **DR. ELS BEIRNAERT**, SENIOR MANAGER NEW VENTURES AT VIB (BELGIUM)
- **CHRISTINE GOULD**, CEO THOUGHT FOR FOOD (SWITZERLAND)
- **CLIVE BROWN**, CHIEF TECHNOLOGY OFFICER OXFORD NANOPORE TECHNOLOGIES (U.K.)
- **ALLEN DAY**, EVANGELIST (GENOMICS / CLOUD) AT GOOGLE
- **WILLEM BROEKAERT**, MANAGING PARTNER V-BIO VENTURE (BELGIUM)


MOVING ROUND TABLE DISCUSSION

Continue - Conference day 2 - Monday April 3, 2017

12.30-13:30 **Lunch, networking and exhibition**

13:30-15:30 **PARALLEL SESSIONS PART 2**

Crops innovation showcases: Agricultural solutions and opportunities for socio economic challenges

2a. Open Field Crops hosted by 

The breeding industry and Ag Biotech companies are developing traits that provide solutions that are beneficial throughout the value chain. This session showcases trait innovations in crops like sunflower, sugar beet and potato.

CHAIR: **MARK VAN HAAREN**, SYNGENTA INTERNATIONAL AG (SWITZERLAND)

- **MIKE VERMEER**, HEAD OF INNOVATION LAMB WESTON MEIJER (NL)
- **CRAIG RICHAEAL**, DIRECTOR OF R&D SIMPLOT PLANT SCIENCES (U.S.A)
- **ROB VAN TETERING**, CHIEF EXECUTIVE OFFICER SESVANDERHAVE (BELGIUM)
- **PHILIPPE ROUSSEAU**, HEAD OF SUNFLOWER AND WOSR SYNGENTA (FRANCE)

MOVING ROUND TABLE DISCUSSION

2b. Vegetable Crops

This session will feature traits and innovations that address several of the major issues facing the vegetable value chain including the use of pesticides, abiotic stress and shelf life.

CHAIR: **DR. JEROEN ROUPPE VAN DER VOORT**, ENZA ZADEN (NL)

- **VENKATA KISHORE**, SOLANACEOUS BREEDING LEAD - EUROPE, MIDDLE EAST AND AFRICA AND SCIENCE FELLOW MONSANTO COMPANY (NL)
- **DR. JEROEN ROUPPE VAN DER VOORT**, RESEARCH MANAGER ENZA ZADEN (NL)
- **GERALD PERRY MARIN MSC**, CO-FOUNDER FOPO GMBH (GERMANY)
- **AN MICHIELS**, GLOBAL HEAD OF RESEARCH AT BAYER: INNOVATION IN PLANT BREEDING (NL)

MOVING ROUND TABLE DISCUSSION

15:30-16:15 **Break**

16:15-17:30 Plenary Pitch programme

Innovator pitches by young-, promising- and/ or start-up innovators

Four innovator groups, start-ups or SMEs will have an opportunity to present their venture, technology or business case in an elevator pitch of ten minutes. After their pitch they will take questions from the audience and, based on the reflection by the programme committee, a winner will be selected.

CHAIR: JOHN HAMER PH.D., MANAGING DIRECTOR MGV (U.S.A.)

PRESENTATION BY DANIEL BONN, UNIVERSITEIT VAN AMSTERDAM AND GREENA BV (NL) - WINNER PITCH COMPETITION 2015

PITCHING COMPANIES:

- NSURE (NL)
- SENSOTERRA (NL)
- IDEN BIOTECHNOLOGY (SPAIN)
- APHEA.BIO (BELGIUM)
- EPIBREED (SWITZERLAND)

17:30-18:30 Reception

20:00-22:00 Dinner experience

The export value of the Dutch dance sector has risen 50% a year since 2008 and may hit €200m this year. This would make dance as important an export as the Dutch clothing sector. Every year some 170 dance events are held in the Netherlands, which attract a total of 2.7 million visitors. DJs, producers and event organisers generate turnover of some €260m a year. Four in 10 of Dutch over-16s are dance music fans and one in seven people visited a dance event with an audience of over 3,000 last year. They spent an average of €140 per festival, including entrance, food and drink and special clothing. The dance industry worldwide is valued at €6bn, of which 67% is derived from festivals and clubs.

At the conference dinner experience upcoming Dutch talent **JORIS MUR (NO MONDAYS) DJ AND PRODUCER**, will give you an insight how dance music is produced. You will get the opportunity to experience by yourself how to produce and/or mix dance music.

Pop Up Pitches

In 2 minute sessions anyone who wants to take the floor with a business or applications idea can take the floor. Sign up during this conference but up to 30 minutes in advance of this session.

For more information about participation criteria, please contact dr. Leon A. Mur, leon.mur@cropib.com

The dinner experience will take place at **Grand Café De Tropen**, Linnaeusstraat 2, Amsterdam (entrance through the park or on the Mauritskade)

Conference day 3 - Tuesday April 4, 2017

08:30 Registration desk open

09:00-09:45 Plenary programma

CHAIR: AN MICHIELS, BAYER: INNOVATION IN PLANT BREEDING (NL)

'Vision for the Future and main Agro Biotechnological challenges from the perspective of a Leading Agro Innovation company'

KEYNOTE LECTURE BY PROF. DR. ARJEN VAN TUNEN, CEO KEYGENE (NL)

09:45-10:30 Break

10:30-12:30 PARALLEL SESSIONS PART 3

Leveraging new tools

3a. Robotics, Big Data & Precision Agro hosted by 

The use of precision agriculture technology and big agriculture data management will lead to an increase in a sustainable production of products. Agricultural producers are increasingly adopting these precision agriculture technologies in the recent years. New developments will be addressed in this session.

CHAIR: HERCO VAN LIERE, KEYGENE (THE NETHERLANDS)

SPEAKERS:

- ROBERT BERENDES, PARTNER A-CONNECT (SWITZERLAND)
- LÉNAÏC GRIGNARD, DELAIR-TECH (FRANCE)
- PETER MAES, DIRECTOR CORPORATE MARKETING KOPPERT BIOLOGICAL SYSTEMS (BELGIUM)
- MARGOT RIBBERINK, MEDIA METEOROLOGIST METEO GROUP (NL)

MOVING ROUND TABLE DISCUSSION

3b. (Bio)technologies & Genomics

Game changer technologies with benefits for the grower, the processing industry, consumers and our environment will be addressed on the basis of traits in crops.

CHAIR: JACK DE WIT, RIJK ZWAAN (THE NETHERLANDS)

SPEAKERS:

- JANE THEAKER, VICE PRESIDENT OF SCIENCE AND TECHNOLOGY DEVELOPMENT LGC GENOMICS (U.K.)
- OFER HAVIV, PRESIDENT & CEO EVOGENE PLANT INNOVATION (ISRAEL)
- BART LAMBERT, LIAISON OFFICER - PLANT BIOTECHNOLOGY BAYER CROPSCIENCE (BELGIUM)
- SPEAKER T.B.A., CALYXT (U.S.A.)

MOVING ROUND TABLE DISCUSSION

12:30-13:30 Lunch, networking and exhibition

13:30-15:30 **PARALLEL SESSIONS PART 4****Crops Innovation showcases: Agricultural Solutions and Opportunities for Socio Economic Challenges****4a. Biobased crops hosted by**  **BIOTECHNOLOGY
EXPERT GROUP**
Project Management and Consultancy

From breeding to growing crops to bio refinery and valuable bio based products. This session will highlight a number of successful cases including Dandelion for natural rubber production, Canola oil, trees for paper applications and palm-based products.

CHAIR: RONALD ZWART, BIOTECHNOLOGY EXPERT GROUP (NL)

SPEAKERS:

- DR. GABRIEL DEHON REZENDE, FOREST TECHNOLOGY AND INNOVATION GENERAL MANAGER FIBRIA (BRAZIL)
- DR. ANDRY ANDRIANKAJA, PROJECT MANAGER BASF PLANT SCIENCE LP (U.S.A.)
- ANKER SØRENSEN, VICE PRESIDENT NEW BUSINESS KEYGENE (NL)
- DR. SHARIFAH SHAHRUL SYED ALWEE, CEO AT FELDA GLOBAL VENTURES RESEARCH & DEVELOPMENT SDN. BHD. (MALAYSIA)
- RONALD ZWART PHD MBA, BIOTECHNOLOGY EXPERT GROUP (NL)

MOVING ROUND TABLE DISCUSSION

4b. Ornamental crops

The ornamental industry is characterized by crops that are mainly vegetatively propagated and with an integrated value chain. The companies are very innovative in fields like logistics, IT and marketing concepts. The companies are nowadays also investing in new breeding technologies meet consumers demand and develop a sustainable supply chain. A number of these innovations will be discussed.

CHAIR: ROBERT VAN TUIL, KEYGENE (NL)

SPEAKERS:

- LAMBERT VAN HOREN, ANALYST HORTICULTURE (FLORICULTURE) AT RABORESEARCH FOOD & AGRIBUSINESS (NL)
- MARK VAN DER KNAAP, DIRECTOR ANTHURA (NL)
- MICHIEL VAN VEEN, OPERATIONS & SUPPLY CHAIN DIRECTOR AT ROYAL LEMKES (NL)

MOVING ROUND TABLE DISCUSSION

15:30-16:15 Break

16:15-16:55 Closing keynote lecture

CHAIR: ARJEN VAN TUNEN, KEYGENE (NL)

'Vision on the Crispr / Cas9 mutagenesis revolution: status and where do we go from here'

BY MATHIAS MÜLLER, DIRECTOR OF BUSINESS DEVELOPMENT AT DUPONT PIONEER (U.S.A.)

16:55-17:10 Award ceremony winner 'best pitch' and closing ceremony

17:10-18:00 Closing conference reception

Note: the organisation keeps the right to make changes to the programme.