



PLENARY SESSIONS PROGRAMME

**Agricultural waste and residue management
for a circular bio-economy:
Shared **China** and **EU** impact-oriented solutions**

**22nd - 23rd October 2018
HUBEI HOTEL**

**Haidian District, Zhongguancun South Street,
No. 36 Beijing, China**



TOWARDS ZERO PLASTIC:

This event aims to be as plastic-free as possible



NCAW
www.noaw2020.eu



AGROCYCLE
for a circular economy

www.AgroCycle.eu

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MONDAY, OCTOBER 22nd 2018

14:00

Welcome and Opening Session

Taihua Mu, Prof. (CAAS, China), Lujia Han, Prof. (CAU, China)

Nathalie Gontard, Prof. (INRA, France), Shane Ward, Prof. (UCD, Ireland)

Session A1. Circular Economy in EU and China: Shared Cooperation Priorities, Co-funding Mechanisms, Policies and Implementation

Chairpersons: Nathalie Gontard, Prof. (INRA, France), Lujia Han, Prof. (CAU, China)

14:20

Introduction of the Situation in China-EU Cooperation Project Application

Keqin Dong, Ministry of Science and Technology, China

14:40

Government Policy and National Practice for Promoting the Recycling Utilisation of Waste in China

Zhenhai Yang, National Animal Husbandry Service (NAHS)/China Feed Industry Association (CFIA), China

European Policy in Relation to the Circular Economy

Nicolas Dandois, Counsellor for Agriculture, European Union Delegation to China

15:00

INRA's Policy to Strengthen Collaboration between France and China

Philippe Mauguin, President of INRA, France

15:20

Building relationships with China in Research and Education

Dolores O'Riordan, Prof., Vice-President for Global Engagement, Univ. College Dublin (UCD), Ireland

15:40

Cooperation between China & EU in Agriculture: the 13th Five-Year Period

Xifeng Gong, Dr., Department of International Cooperation, Chinese Academy of Agricultural Sciences (CAAS), China

16:00

Coffee Break

16:20

Session A2. Challenges and Perspectives of Up-Cycling Agricultural Wastes and Residues into Sustainable Bio-Products using Eco-Friendly Technologies

Chairpersons: Taihua Mu, Prof. (CAAS, China), Shane Ward, Prof. (UCD, Ireland)

Lujia Han, Prof., College of Engineering, China Agricultural University (CAU), China

16:45

Converting Waste/Wastewater Organic Matter into Valuable Biodegradable Plastics: 3 Pilot-Scale Studies in the frame of H2020 Programme

Mauro Majone, Prof., Department of Chemistry, University of Rome La Sapienza, Italy

17:00

Biogas and Bio-Natural Gas in China: Current Status and Future Development

Xiujin Li, Prof., Department of Environmental Science and Engineering, Beijing University of Chemical Technology, China

17:15

Converting Agricultural Waste into Sustainable and Value-Added Products for Efficient Chemical (Succinic Acid) Production

Carol Lin, Prof., Hong Kong City University, Hong-Kong

Annamaria Celli, Prof., University of Bologna, Italy

17:30

Challenge and Perspectives of Up-Cycling Rice Processing Waste Using Eco-Friendly Technologies

Yu Yan-Xia, Prof., Chinese Cereals and Oils Association (CCOA), China

17:45

19:00

Welcome dinner

Session B1. Collaborative Actions between China and EU: NoAW, AgroCycle and other Projects

Chairpersons: Min Jiang, Prof. (NanjingTech, China), Ronghou Liu, Prof. (SJTU, China)

- 09:00** **NoAW: Innovative Approaches to Turn Agricultural Waste into Ecological and Economic Assets (No Agro-Waste)**
Nathalie Gontard, Prof., Institut National de la Recherche Agronomique (INRA), France
- 09:30** **Agrocycle: A Blueprint for Achieving Sustainable Agri-Food Waste Valorisation**
Tom Curran, Dr. and Shane Ward, Prof., University College Dublin (UCD), Ireland
- 10:00** **Round Table Testimony and Discussion on Barriers, Levers and Priorities in EU-China Collaborative R&D Initiatives on Circular Bio-Economy**
Moderators: Maria Loizidou (NTUA, Greece), Simon Jeffery (Harper Adams University, UK), Taihua Mu (CAAS, China), Lujia Han, (CAU, China)
- 10:30** **Coffee Break**

Session B2. Stakeholder Platforms: How to Create a Bridge between European and Chinese Stakeholders and Knowledge

Chairpersons: Simon Jeffery, Dr. (Harper Adams University, UK), Carol Lin, Prof. (CityU, Hong-Kong)

- 11:00** **Presentation of NoAW and AgroCycle EU-China Stakeholders Platforms**
Burkhard Schaer, Dr., Ecozept, Germany
Guang-Way Jang, Dr., Industrial Technology Research Institute, Chinese Taipei
Thomas Oldfield, Dr., University College Dublin (UCD), Ireland
- 12:00** **Chinese and European Cooperation for Eco-Friendly Technologies and Bio-Products: our Experiences and Proposed Modules**
Renjie Dong, Prof., College of Engineering/National Center for International Research of BioEnergy Science and Technology (iBEST), China Agricultural University, China
- 12:15** **Practical Benefits Provided to Members of Knowledge Exchange Stakeholder Platforms in China and Europe and the Added Value of their Collaboration**
Andras Sebők, Dr., Campden BRI Hungary, Hungary
- 12:30** **Lunch**

Session C1. Chinese and European Case Studies of Eco-Friendly Technologies and Bio-Products, Bioenergy, Bio-Fertiliser, Novel Business Value Chains

Chairpersons: Daniele Rossj, Dr. (CONFEDERATION OF FARMERS – Confagricoltura, Italy), Renjie Dong, Prof. (CAU, China)

- 14:00** **Bioethanol in China: Current Status and Development**
Guoqing Wu, Dr., China National Cereals, Oils and Foodstuffs Corp. (COFCO), China
- 14:15** **Valorisation of Organic Fraction of Waste to Sustainable Bio-Fuels and other Valuable Bio-Products**
YaYing Chen, Dr., Exergy, UK
- 14:30** **Clean Recycling Production based on Comprehensive Utilization of Sweet Potato Resources**
Yong Yi, Dr., Shandong Bio Sunkeen Co., Ltd, China
- 14:45** **High Performance Anaerobic Digestion of Straw, Manure and Agricultural By-Products & Production of Solid Fertiliser**
Katharina Danner, Dr., Snow Leopard Projects GmbH, Germany

- 15:00** **Sustainable Utilisation of Organic Waste in Arable Land of China**
Qing Chen, Prof., College of Resources and Environmental Sciences, China Agricultural University, China
- 15:15** **Ductor's Biotech Solution for Nitrogen Control and Production of Renewable Energy Sustainably**
Minna Leppikorpi, Dr., Ductor Oy Corp., Finland
- 15:30** **Biogas Production from Agro-Waste in Nanjing Tech University: Research and Practice**
Jia Honghua, Prof., College of Biotechnology and Pharmaceutical Engineering, Nanjing Tech University, China
- 15:45** **Green Production of Biodiesel and Biofuels with Solid- and Nano-Catalysts**
Zhen Fang, Prof., College of Engineering, Nanjing Agricultural University, China
- 16:00** **Bio-Oil Production and Upgrading Research with Rapid Thermal Pyrolysis of Biomass**
Ronghou Liu, Prof., Shanghai Jiao Tong University, China
- 16:00** **The Development Situation and Future Trends of Potato and Sweet Potato Processing and Comprehensive Utilisation Technology in China**
Taihua Mu, Prof., Institute of Food Science and Technology, CAAS, Ministry of Agriculture, China

16:15 **Coffee Break**

C2 & C3 Parallel Sessions up to 20:00

16:30

17:00

Session C2. The Future: Sino-European Young Stakeholders Connecting Session and evening

The upcoming generation will exchange views during a dynamic session gathering young actors from academic and professional sectors in Europe and China. This session is a rare networking opportunity, bringing together a broad range of young professionals to share their work projects, current R&D ideas, experiences and to build contacts that will lead to follow-on collaborations.

Moderators: Zheng Zhao (CAAS, China) Ana Batista (INRA, France), Jinyi Ge (CAU, China), Ciara Beausang (UCD, Ireland)

- 17:00** Introduction
- 17:15** Short Video Presentations of European and Chinese Young Collaborators from NoAW and AgroCycle Projects
- 17:45** Dynamic Sino-European Connecting Activities (*e.g.* speed networking)
- 18:30** Mini-Project Competition
- 19:30** Debate, Conclusions and Prospects for beyond this Session

Session C3. Networking & Brokerage Session for Business, Science & Policy

This is a unique networking opportunity to explore business and research collaboration between Europe and China. You will network with business representatives, researchers and government officials, explore government policy and support measures. You may also make a short presentation of your business or research ideas and arrange business-to-business meetings.

Moderators: Ian Lahiffe (Allflex Livestock Intelligence, China), Zhao Hui (Henan Tianyu Shuye Limited by Share Ltd, China), Katharina Danner (Snow Leopard Projects GmbH, Germany)

- 17:00** Introduction
- 17:15** Short presentation from businesses/organisations
- 18:00** Networking time

20:00 **Networking and closing dinner**



Biographies of speakers, chairpersons & moderators