

Mission Innovation

-The 2nd International Conference on Sustainable Biofuels

Yantai, China
April 2-4, 2019
FIRST CALL

1 BACKGROUND

Mission Innovation (MI) is a global initiative of 23 countries and the European Union. The sustainable biofuel challenge (MI IC#4) is one of the eight innovation challenges under the MI framework. It aims to develop ways to produce, at scale, widely affordable, advanced biofuels for transportation and industrial applications.

The sustainable biofuel innovation challenge under MI is co-led by China, Canada, India, and Brazil. The other participating countries include Australia, the European Commission, Finland, France, Indonesia, Italy, Mexico, Norway, Sweden, the Netherlands, UK and US. And it also builds on existing knowledge of individual participating countries and international institutes like IEA, IRENA, etc.

In the context of mandate of Mission Innovation, the 2nd International Conference on Sustainable Biofuels is to be held in Yantai, Shandong Province, China during April 2-4, 2019.

2 THEME

The theme is "Sustainability, Innovation and Connectivity for Biofuels". The conference will be open for presentation and discussion of technical and economic research results, policies, strategies and business matters related to research, development and innovation in sustainable biofuels. It aims at improving biofuels innovation ability and strengthening cooperation among IC#4 countries, so as to reach the goal of achieving performance breakthroughs and cost reductions for large scale production of advanced biofuels.

3 TOPICS

- (1) Research Policies & Strategies
- (2) Biomass Poly-generation
- (3) Liquid biofuel
- (4) Biomass Briquettes & Pellets
- (5) Gaseous biofuel
- (6) Biomass Power
- (7) Platform Technology
- (8) Microalgae
- (9) International Collaboration in R&D

4 ORGANIZERS

- Hosted by:**
Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
Department of Science & Technology of Shandong Province
- Co-organized by:**
Ministry of Science and Technology, Government of India;
Ministry of Science, Technology, Innovation and Communication, Brazil (tbc)
Resources naturelles Canada;
China-Canada Bioenergy Centre (C-CBC);
China Biomass Innovation Alliance;
Shandong Minhe Bio-technology Co., Ltd.
- Supported by:**
Ministry of Science and Technology, China (MoST)

5 ARRANGEMENTS



Draft Program

| Day 1 | | April 2 Penglai Huaxi Hotel, Yantai | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--|
| 08:30-09:00 | Registration | | |
| 09:00-09:30 | Opening Ceremony (Ministerial Level Participation) | | |
| 09:30-10:00 | Group Photo & Tea Break | | |
| 10:00-12:30 | Plenary Speech 1. Global status (Presentation by representatives from partners and industry (IEA, IEA Bioenergy TCP, IRENA, etc.) 30min National perspective including research policies and strategies 2. (co-leads) 15min/each China, Canada, India, Brazil Other IC4 member reps: 10min/each | | |
| | 12:30-14:00 | Lunch | |
| | 14:00-15:00 | Session 1: Biochemical Conversion Technology(fuel-ethanol, biogas, Biohydrogen, Bio-butanol, microalgae, etc.) | |
| 15:00-15:20 | Tea Break | | |
| 15:20-16:20 | Session 2: Catalytic Conversion Technology (bio-aviation fuel, Bio-oil, Furfural, Levinic acid, etc.) | | |
| 16:20-16:40 | Tea Break | | |
| 16:40-18:15 | Session 3: Thermal-chemical Conversion Technology (pyrolysis, gasification, etc) Briquettes and Combustion | | |
| 18:45 onwards | Conference Dinner | | |
| Day 2 | | April 3 Penglai Huaxi Hotel, Yantai | |
| 9:30-10:30 | Session 4: International Collaboration Modalities and Opportunities in Mission Innovation countries | | |
| 10:30-11:00 | Tea Break | | |
| 11:00-12:00 | Panel Session: Debate on how to increase international collaboration for R&D in sustainable biofuels technologies, and the role in Mission Innovation | | |
| 12:00-12:30 | Closing Ceremony | | |
| 12:30-14:00 | Lunch | | |
| 14:00-16:00 | Round-table Meeting (invited only) | | |
| Day 3 | | April 4 | |
| 9:30-12:00 | Technical Tour: (Shandong Minhe Bio-technology Co., Ltd., a leading agricultural enterprise in China, establishing the largest poultry biogas power generation pilot in the world) | | |

6 PARTICIPATION OPEN TO

- Representatives of Mission Innovation Challenge IC#4 countries
- Representatives of International Organizations, such as IEA, IEA Bioenergy TCP, IRENA, etc.
- Policy makers, senior advisors, technical experts, industry representatives
- Other IC#4 stakeholders

7 VENUE

Penglai Huaxi Hotel (Five star hotel), Yantai, Shandong Province, China



8 CONTACT INFORMATION

- Dr. BAI Yu
Tel: 8620-87057400, 13922795051
Email: icsb2019@ms.giec.ac.cn
- Ms. WU Fengyun
Tel: 8620-87059561, 13926118627
Email: icsb2019@ms.giec.ac.cn