



ASIAN AND PACIFIC CENTRE FOR AGRICULTURAL ENGINEERING  
AND MACHINERY (APCAEM)

UNESCAP



DEPARTMENT OF SCIENCE, TECHNOLOGY AND EDUCATION  
OF MINISTRY OF AGRICULTURE

## Seminar Programme

International Seminar on

Biogas Technology for Poverty Reduction and Sustainable Development

17-20 October 2005, Beijing

Venue: Beijing International Convention Center

Address: Bei Chendong , Bei Sihuan Lu (north 4<sup>th</sup> ring), Anding Menwai,  
Beijing, 100101, (Near Asian Game Village )

**17 Oct** (whole day) Registration

Lobby of Beijing Continental Grand Hotel

**18 Oct**

**Site: combined meeting rooms of 6, 7, and 8 on the 2<sup>nd</sup> floor**

8:00-8:30 Registration

### Opening Ceremony

**Chairperson: Mr. Zhang Fengtong (General Director of Department of Science, Technology and Education, Ministry of Agriculture, China)**

8:30-8:35 Opening Ceremony

8:35-8:50 Opening Speech by Mr. Zhang Baowen, Vice Minister of Ministry of Agriculture, China

8:50-9:00 Opening Speech by Mr. Adrianus G. Rijk, APCEAM, UNESCAP

9:00-9:15 Group photo

9:15-9:30 Coffee/Tea Break

## Session I: Keynote presentations

(30 mins for presentation plus 10 mins for discussion each)

**Chairperson: Mrs. Hao Xiangrong (MOA) & Mr. Adrianus Rijk (APCAEM)**

9:30-9:55 *Strategy and Measures to Further Facilitate Construction of Rural Renewable Energy.*

by Mr. Wang Jiuchen, MOA, China

9:55-10:35 *The scope and risks of the Asia Biogas Programme.*

by Mr. Wim van Nes, SNV

10:35-11:15 *Analysis of overall effectiveness on rural household biogas in China*

by Mrs. Zhao Lixin, CEEPTD

11:15-11:55 *Biogas & DEWATS A perfect match?*

by Susmita Sinha, BORDA

11:55-13:15 Lunch and Break

13:15-13:55 *Integrated Manure and Organic Waste Management Solution – The Ruegen Demonstration Biogas Project, Germany.*

by Mrs. Tong Boitin, BRTC-BIOMA

13:55-14:35 *CDM Potential for the Commercialization of the Integrated Biogas System*

by Mr. Jason Yapp, APCAEM

## Paper presentation

### Session II a: Household biogas systems

(15 mins for presentation plus 5 mins for discussion)

**Chairperson: Ms. Zhao Lixin(CEEPDT) & Ms. Ho Thi Huong (SNV-Vietnam)**

14:35-14:55 *Contribution of eco-household construction on realization of well-off society in rural areas*

by Mr. Wang Gehua, Tsinghua University, China

- 14:55-15:15 *The strengths and weaknesses of the private sector in the Biogas Support Programme in Nepal.*  
by Mr. Christopher Kellner (SNV) & Sundar Bajgain (BSPartnership)
- 15:15-15:35 *Demand orientated biogas technology- Extension in Lesotho*  
by Mrs. Mantopi Lebofa , TED, Lesotho
- 15:35-15:50 Coffee/Tea Break

## **Session II b: Household biogas systems (continued)**

**Chairperson:** Mr. Wang Gehua (Tsinghua University, Beijing) & Ms. Ina Jurga (CEEPTD)

- 15:50- 16:10 *DEWATS technology, China*  
By Mrs. Ma Chi, BORDA partner Zhejiang University of Technology
- 16:10-16:30 *Domestic biogas and CDM financing*  
by Mr. Felix ter Heegde and Mrs. Huong; SNV
- 16:30-16:50 *Activities to apply the European experience on Anaerobic digestion of Bioorganic Municipal wastes*  
by Dr. Bernhard Raninger, Shenyang University
- 16:50-17:10 *Biogas technology utilization in Sri Lanka*  
by Mr. Namiz M. Musafar, ITDG South -Asia
- 17:10:17:30 *Build the ecological home, build a new countryside in Huaping county, Yunnan province*  
by Mr. Tang ZhiRong, rural energy office Yunnan province, China
- 17:30-17:50 *ADB financed 'Efficient utilization of Agricultural Waste' project objectives and accomplishment*  
by Mr. Tang Zhishao, Foreign Economic Cooperation Center, MOA
- 17:50-18:00 Company presentation (only 10 min): *An advanced and practical new type family-size biogas plant*  
by Puxin Biogas Plant, Shenzhen, China
- 19:00 Banquet hosted by MoA & APCAEM

**19 Oct**

## Field Tour and Visit China Agricultural Trade Fair

|             |   |
|-------------|---|
| 08:30       | Depart from the Continental Grand Hotel   |
| 09:30       | Arrive at the Bei Langzhong Village (Large-scale Biogas Digester), Shunyi District, Beijing, China  |
| 11:00       | Depart from the Bei Langzhong Village   |
| 12:00       | Arrive at the Continental Grand Hotel   |
| 12:00-13:30 | Lunch   |
| 13:30       | Depart from the Continental Grand Hotel   |
| 14:10       | Arrive at the Third China Agriculture Trade Fair (Exhibition of Chinese rural renewable energy) in the China Agricultural Exhibition Center |
| 16:00       | Depart from the China Agricultural Exhibition Center  |

### 20 Oct

(Place: combined meeting rooms of 10, 11 and 12 on the 3<sup>rd</sup> Floor)

### Session III: Large scale biogas system

(15 mins for presentation plus 5 mins for discussion)

**Chairpersons: Ms Tong Boitin (BRTC) & Mr. Jason Yapp (APCAEM)**

|            |   |
|------------|---|
| 8:30-8:50  | <i>Discussion how to promote Biogas Technology in rural Area in China.</i><br>by Mr. Deng Guanglian, BIOMA (Biogas Institute of Ministry of Agriculture), China |
| 8:50-9:10  | <i>Development of German farm biogas sector – supported by RE policy act.</i><br>by Mr. Heinz-Peter Mang, CEEPTD, MOA, China                                    |
| 9:10-9:30  | <i>Treatment of sludges from onsite treatment, IPLT Indonesia.</i><br>by Mr. Andreas Schmidt, BORDA   |
| 9:30-9:50  | <i>Biogas key technology on Agriculture Sustainable Cycle Economic Development</i><br>by Mr. Qiu Ling, Northwest Agriculture and Forestry University, China     |
| 9:50-10:10 | <i>Biogas Manure: a viable Input in Agriculture</i><br>by Mr. G. Vasudeo, Secretary Vivekananda Kendra -NARDEP , Indi   |

10:10-10:25 Coffee/Tea Break

## Session IV: Others

(15 mins for presentation plus 5 mins for discussion)

**Chairpersons: Mr. Sundar Bajgain (SNV-Nepal) & Mr. Yang Xiongian (MOA)**

10:25-10:45 *Research on rural biomass energy strategic development in China*

by Mr. Hong Hao, Beijing University

10:45-11:05 *Recycling and Reuse of human excreta from public toilets.*

by Mr. P.K. Jah, Sulabh International, India

11:05-11:25 *Discussion of Biogas on Rural Construction*

by Mr. Ni Shenjun, Station of Rural Energy and Environmental Protection, Henan Province, China

11:25-11:45 *Presentation of industrialized Biogas plant*

by Mrs. Lu Hong, ICPC

11:45-12:05 *Technology Development of Biogas Electricity Generation*

by Mr. Lu Zeng'an, China Rural Energy Industry Association

12:05-12:15 Company presentation (only 10 min):

Mr. Patrick Geitl, Biogas Generator Company HAGL

*Making village electrification sustainable - applying modular biogas GENSETs"*

12:15-13:30 Lunch and Break

## Discussion and Recommendations

**Chairpersons: Mr. Wim van Nes (SNV) & Mr. Heinz Peter Mang (CEEPDT)**

13:30-15:30 Round Table Discussion

15:30-15:45 Coffee/Tea Break

## Closing Ceremony

15:45-16:05

Closing Speech by Mr. Yang Xiongnian, Deputy General Director of  
Department of Sciences, Technology and Education, MOA