MULTI-POLLUTANT EMISSIONS FROM COAL
CROWNE PLAZA WEST HANOI

PROGRAMME
### DAY 1 - MONDAY 28TH OCTOBER

#### SESSION 1 - WELCOME TO VIETNAM

- **09:00** Welcome to MEC 14  
  *Lesley Sloss, IEA Clean Coal Centre, UK*

- **09:15** Welcome to Vietnam  
  *Tuan Nhàn Vo – Deputy Minister of Natural Resources and Environment, Vietnam*

- **09:30** Coal in Vietnam: status challenges and environmental concerns  
  *Ha Dang Son, Centre for Energy and Green Growth Research, Vietnam*

- **10:00** Situation of coal supplying and utilisation in Vietnam  
  *Nguyễn Xuân Quang, HUST, Vietnam*

- **10:30** Impact of co-firing straw for power generation to air quality: a case study in two coal power plants in Vietnam  
  *Trương Hà An, Vietnam Initiative for Energy Transition, Vietnam*

#### COFFEE BREAK

#### SESSION 2 - TIGHTENING STANDARDS AND INCREASING CHALLENGES

- **11:30** Environmental monitoring of Dioxin/Furan in emission gas from coal fired power plants in Vietnam  
  *Nguyễn Hưng Minh, VEA, and Lê Thị Trinh, HUNRE, Vietnam*

- **12:00** Efforts to reduce Hg emission from coal combustion power plants in Korea  
  *Yong Chil Seo, Korea*

- **12:30** Mercury from the Indonesian coal sector  
  *Anton Purnomo, BCRC, Indonesia*

#### LUNCH

#### SESSION 3 - MULTI-POLLUTANT SYSTEMS

- **14:00** Cost effective high-impact emissions and cost of operation reduction from coal-fired power plants  
  *Zelikjo Warga, IBE, Slovenia*

- **14:30** Novel multi-pollutants removal technology based on ClO2 and unique absorbing liquid  
  *Zach Barnea, Hagay Keller, Tali Mali, Clairion Israel and Anette Neijnsson Hulten, Par Nilsson, Marie Samuelsson, Nouryon, Sweden*

#### COFFEE BREAK

#### SESSION 3 - MULTI-POLLUTANT SYSTEMS (CONTINUED)

- **15:30** CDS technology – Multi-pollutant emission control technology for multiple industrial applications  
  *Christian Moser, Hamon & Cie (International)*

- **16:00** Stationary sorbent modules: A simple and (cost-) effective multi-pollutant control technology  
  *Ole Petzold, Gore, Germany*

#### END OF DAY 1

**16:30** Reception around posters and exhibition
## SESSION 4 - DENOX SYSTEMS

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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Impact of load cycling on NOx emissions from coal-fired power plants</td>
<td>Connie Senior, National Institute of Clean and Low Carbon Energy, USA/China</td>
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<td>09:30</td>
<td>Cost-effective Combustion Improvement, NOx and SOx reduction solutions for</td>
<td>Gisu Liu, Vivek Savariandem, Charles Conroy, AMMEGEN, UK</td>
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<td>coal-fired boilers</td>
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<tr>
<td>10:00</td>
<td>Investigation of different measures to reduce Hg emission from wet flue gas</td>
<td>Idal Masoomi, University of Stuttgart, Germany</td>
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### COFFEE BREAK

## SESSION 5 - UNIQUE CHALLENGES AND SOLUTIONS

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<tr>
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<tr>
<td>11:00</td>
<td>Mercury re-emission from lignite-fired power plant – full scale tests</td>
<td>Renata Krzyzynska, Lukasz Pilar, Zbyszek Szelig, Pawel Regucki, Karel Borovec, Wroclaw University of Technology, Poland</td>
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<td>11:30</td>
<td>Delivering a long-term programme of combustion and efficiency improvements to</td>
<td>Steve Cornwell, RJM, USA</td>
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<td>ensure combustion stability and controlled emissions using local coal</td>
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<td>12:00</td>
<td>Field experience monitoring gaseous mercury compounds continuously for both</td>
<td>Deborah Padwater, Sick AG, Germany</td>
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<td>emissions and process control</td>
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### LUNCH

### SESSION 5 - UNIQUE CHALLENGES AND SOLUTIONS (CONTINUED)

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<tr>
<td>14:00</td>
<td>Emissions monitoring solutions for emerging markets</td>
<td>Mike Neyman, Ohio Lumex, USA</td>
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<td>14:30</td>
<td>Low-cost manganese mineral sorbents for mercury removal from coal-fired flue</td>
<td>Jing Liu, Yingju Yang, Sen Miao, Zhen Wang, HUST, China</td>
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<td>15:00</td>
<td>Investigation of mercury behaviour in the flue gas cleaning path of a lab scale</td>
<td>Marc Oliver Schmid, University of Stuttgart, Germany</td>
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### COFFEE BREAK

### SESSION 6 - COAL AND ASH ANALYSES

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<tr>
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<tbody>
<tr>
<td>16:00</td>
<td>Trace element distributions and arsenic species in ashes from high arsenic</td>
<td>Bengen Gong, HUST, China</td>
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<td>coal-fired power plant in Inner Mongolia, China</td>
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<td>16:30</td>
<td>Peculiarities of mercury distribution in South African coals</td>
<td>Mphe Wendy Mathebula, Tshwane University of Technology, South Africa</td>
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<td>17:00</td>
<td>Q&amp;A and open discussion</td>
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### WORKSHOP DINNER
DAY 3 - WEDNESDAY 30TH OCTOBER

09:00  SESSION 7 – UN COAL PARTNERSHIP AREA UPDATE

09:00  An overview of the Minamata Convention
       EISAKU TODA, UN ENVIRONMENT, SWITZERLAND

09:30  A word from the UN Environment group
       KEN DAVIES, UN ENVIRONMENT, SWITZERLAND

10:00  Update on potential project work in India and Indonesia
       LESLEY SLOSS, IEA CLEAN COAL CENTRE, UK

10:30  Update on the GEF programme
       PETER NELSON, MACQUARRIE UNIVERSITY, AUSTRALIA

11:00  COFFEE BREAK

11:30  SESSION 8 – PRESENTATIONS AND DISCUSSION FROM THE UN ASIA-PACIFIC WORKSHOP

11:30  A status report from a coal plant in Sri Lanka
       CHINTHAKA DISSANAYAKA, CEYLON ELECTRICITY BOARD, SRI LANKA

12:00  Q&A and open discussion

13:00  END OF MEETING

LUNCH

SECOND FLOOR

CROWNE PLAZA WEST HANOI
36 Le Duc Tho Street
My Dinh 2 Ward
Nam Tu Liem District
Hanoi, Vietnam