



Biomass and Residue to Power Production Workshop

Time: 17th February 2017

Venue: Hanoi University of Science and Technology – Ta Quang Buu Library

Organiser:
Hanoi University of
Science and Technology

Expert in:

- waste management and treatment
- energy from biomass

Expert in:

- optimization of the energetic utilization of biomass residues
- nutrient management and recovery
- characterization of fuels (preparation, hydrothermal carbonization, torrefaction and incineration)

Invited Experts

- biogas: farm size biogas plants
- biogas gasification: biomass cogeneration plants with carburettor
- biomass: demand and supply

Target Group

- scientists
- biomass processing plant operators
- farmers
- economic and political players
- students and post-graduates

Contract:

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Within the framework of the Letter of Agreement Between the Food and Agriculture Organization of the United Nations (FAO) and Vietnam Japan International Institute for Science of Technology (VJIIST) for provision of “Support to the global project entitled ‘Building Capacity for enhancing bioenergy sustainability through the use of GBEP indicators’ (GCP/GLO/554/GER)”, VJIIST will organize a workshop about **Biomass and Residue to Energy Production**.

The workshop will focus on the utilization of biomass residues for energy production. During the workshop experts from Vietnam, Germany will work on suitable solutions for the utilization of residues for the energy production. VJIIST is looking forward to welcome experts from FAO, Germany and partners to elaborate on specific topics: problems and challenges caused by residue utilization, barriers and known technical issues. Also stakeholders, like farmers and biomass processing plant operators, are invited to share their experience and discuss the presented solutions.

TENTATIVE PROGRAMME

MORNING SECTION

- 08:00 Registration
08:30 Opening & welcome
08:45 Presentation of GIZ Vietnam
09:00 Presentation of FAO Vietnam
09:15 Biomass to heat and Power in VN
09:30 Biogas of farm – VAAS
Biogas potential of cassava processing – HUST
10:00 • [Bert Energy](#) : “Farm size biogas technology for slurry, manure and all other bio waste”
• Prof. Müller - [Hohenheim University](#):
Optimization of the biogas process chain
11:00 • [Spanner Re²](#): *Small-scale gasification and electricity generation using the example of wood chips*
• Tobias Peselmann - [Netz GmbH](#); [Riela](#) :
Energetic utilization of uncommon biomasses and its barriers on the example of leaves
• Julia Behling, Philipp Danz, [Fraunhofer UMSICHT](#): *Different methods of biomass pre-treatment regarding heating value, grindability and ash melting behaviour adjustments*

AFTERNOON SECTION

- 14h30 :
Section 1 : Biogas (Snow Leopard, Netz GmbH)
- Meeting with local company 1
- Meeting with local company 2
- Meeting with local company 3
14h30:
Section 2 : Biomass, woodpellet and Gasification (Spanner Re, Fraunhofer UMSICHT)
- Meeting with local company 1
- Meeting with local company 2
- Meeting with local company 3
14h30:
Section 3 : Agricultural science (Hohenheim University)
- Meeting with School of Biotechnology and Food Technology of HUST
- Others