



Organized by the Clean Energy and Sustainable Development Laboratory (CleanED)



Scientific Workshop Clean Energy in Vietnam after COP21

Presentation room: room n°901, 9th floor, USTH building

Lunch: 3th floor, USTH building

Thursday, 17th December 2015

Time	Event
8:00 - 8:30	Welcoming and registration of the participants
8:30 - 8:55	Opening Speech and presentation of the 7th Energy Plan for Vietnam by Mrs. Ngo To Nhien from MOIT
8:55 - 9:45	Session 1, Energy development prospective, scenarios, transitions, potential, visions and planning - Chairwoman : Mrs. Ngo to Nhien <ul style="list-style-type: none">• 8:55 - 9:20 Exploring a possible energy transition in Vietnam, scenarios for the electricity sector and cost assessment of decarbonisation, by Mr. Thanh Dang Van• 9:20 - 9:45 Institutional change and market conditions for low-carbon electricity transition in Vietnam, by Mr Hoang Anh Nguyen Trinh
9:45 - 9:55	Break
9:55 - 10:45	Session 1, Energy development prospective, scenarios, transitions, potential, visions and planning - Chairwoman : Mrs. Ngo to Nhien <ul style="list-style-type: none">• 9:55 - 10:20 NGO ChangE, presentation of the organisation, by Mr. Binh Vuong• 10:20 - 10:45 Perspective of CO2 Capture & Storage (CCS) development in Vietnam, results from expert interviews, by Mr. Minh Ha-Duong
10:45 - 10:55	Break

10:55 - 12:00	<p>Session 1, Energy development prospective, scenarios, transitions, potential, visions and planning - Chairwoman : Mrs. Ngo to Nhien</p> <ul style="list-style-type: none"> • 10:55 - 11:20 Potential for production and application of bio-carbon in Vietnam, by Mr. Khanh-Quang Tran • 11:20 - 11:45 Service issues, overview of electric vehicles use in Vietnam, by Mr. Quang Hung Nguyen • 11:45 - 12:10 The impact of hydrogen technology into power storage, by Mr. Stephan Astier
12:00 - 14:00	Lunch
14:00 - 15:15	<p>Session 2, Bioenergy (biomass, gasification, fuels) - Chairman : Mr. Didier Lecomte</p> <ul style="list-style-type: none"> • 14:00 - 14:25 Sustainability assessment of biomass-to-energy processing chains scenarios, a necessity for decision makers, by Mr. Didier Lecomte • 14:25 - 14:50 A critical look at rice husk gasification in Cambodia, technology and sustainability, by Mr. Nam Nguyen Hong • 14:50 - 15:15 Air gasification of acacia woodchips in a downdraft gasifier, by Mr. Dinh Quoc Viet
15:15 - 15:25	Break
15:25 - 16:50	<p>Session 2, Bioenergy (biomass, gasification, fuels) - Chairman : Mr. Didier Lecomte</p> <ul style="list-style-type: none"> • 15:25 - 15:50 Use of industrial wastes as alternative fuels in Vietnam cement industry corporation, by Mr. Trong Hoang • 15:50 - 16:15 Feasibility and Sustainability of co-firing biomass in coal power plants in Vietnam, by Mrs. An Ha Truong • 16:15 - 16:40 A critical look at dryers, by Mrs. Hélène Desmorieux
16:50 - 17:50	CleanED Laboratory visit - Let's visit our laboratory and our office ! Constitution of 3 different groups
18:00 - 19:00	Social event, let's visit the National Museum of Nature, very close to our lab, and have dinner there together !

Friday, 18th December 2015

<i>Time</i>	<i>Event</i>
8:30 - 9:45	<p>Session 3, Green Electricity (smart grids and energy systems, photovoltaic, wind energy) - Chairwoman : Mrs. Eleonora Riva Sanseverino</p> <ul style="list-style-type: none">• 8:30 - 8:55, Microgrids Optimal Power Flow through centralized and distributed algorithms, by Mrs. Eleonora Riva Sanseverino• 8:55 - 9:20, Powr control of a photovoltaic system connected to a distribution grid in Vietnam, by Mr. Xuan Truong Nguyen• 9:20 - 9:45, New technologies in photovoltaic technology, electrical energy production from vertical walls, by Mr. Fabio Viola
9:45 - 9:55	Break
9:55 - 10:45	<p>Session 3, Green Electricity (smart grids and energy systems, photovoltaic, wind energy) - Chairwoman : Mrs. Eleonora Riva Sanseverino</p> <ul style="list-style-type: none">• 9:55 - 10:20, New technologies in photovoltaic technology, reconfiguration systems for photovoltaic plants, by Mr. Romano Pietro• 10:20 - 10:45, Simulation of MPPT control system with DC/DC bidirection converter in boost mode for PV system, by Mr. Vu Minh Phap
10:45 - 10:55	Break
10:55 - 11:45	<p>Session 3, Green Electricity (smart grids and energy systems, photovoltaic, wind energy) - Chairwoman : Mrs. Eleonora Riva Sanseverino</p> <ul style="list-style-type: none">• 10:55 - 11:20, A brief introduction to the european research activities related to the uncertainty reduction in smart energy systems, by Mr. Phuong H. Nguyen• 11:20 - 11:45, Computational fluid dynamics for assessing urban wind energy potentiel in Vietnam, by Mr. Jörg Franke
11:45 - 12:00	Closure of the workshop by Mrs. Ngo To Nhien
12:00 - 14:00	Lunch

