

COGEN3



Proven, Clean & Efficient Biomass, Coal, Gas Cogeneration

The EC - ASEAN Business Facilitator

2004 Cogeneration Week in Vietnam



Web: www.cogen3.net

6 - 9 April, 2004

Melia Hotel, Hanoi & Rex Hotel, Ho Chi Minh City



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Intelligent Solutions



COGEN 3 would like to welcome you to the 2004 Cogeneration Week in Vietnam, organised with the assistance of the European Union. The 2004 Cogeneration Weeks will build on the successful events in the 2003 Cogeneration Weeks in Vietnam and 6 other ASEAN countries, where more than 1,200 government officials, policymakers, cogeneration end users and developers, equipment suppliers, financiers etc. participated. In the 2004 Cogeneration Week in Vietnam you will find a wide array of important and useful events in **Hanoi and Ho Chi Minh City** related to cogeneration:

Events in Hanoi:

- Opening Ceremony for Cogeneration Week and Cogeneration Policies in ASEAN and Vietnam (Tuesday 6 April 9.00 – 13.00)
- Cogeneration Technology and Equipment Seminar (Tuesday 6 April 13.00 – 16.30)
- Mini-exhibition by Cogeneration Suppliers (Tuesday 6 April 8.30 - 17.00)
- Visit to Cogeneration Equipment Supplier (Wednesday 7 April 8.30 – 13.00)
- Individual Consultations with COGEN 3 Experts (by appointment)
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Events in Ho Chi Minh City:

- Cogeneration Project Development Seminar (Thursday 8 April 9.00 – 16.00)
- Site visit to Cogeneration Plant (Friday 9 April 7.30 – 16.00)
- Individual Consultations with COGEN 3 Experts (by appointment)

COGEN 3 Country Co-ordinator for Vietnam

Hanoi:

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Ho Chi Minh City

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*The objective of COGEN 3 (EC-ASEAN COGEN Programme) is to promote the use of proven, clean and efficient cogeneration using biomass, coal or gas as fuel. This is achieved through partnership between ASEAN industries and European equipment suppliers. The programme is co-ordinated in ASEAN by the Asian Institute of Technology (AIT), Bangkok, Vietnam and in Europe by Carl Bro International, Sweden. COGEN 3 started its operation in January 2002 and will continue until December 2004. **Cogeneration** is the simultaneous generation of two forms of useful energy (usually electricity and steam) from one primary energy sources (e.g. biomass). Cogeneration offers financial and environmental benefits as well as opportunity for securing stable and reliable energy supply.*

Hanoi:

Opening Ceremony for Cogeneration Week and Cogeneration Policies in ASEAN and Vietnam

Cogeneration Technologies and Equipment Seminar

The **Opening Ceremony for Cogeneration Week and Cogeneration Policies in ASEAN and Vietnam** will be an important event marking the launching of the 2004 Cogeneration Week in Vietnam. The event will focus on cogeneration experiences in ASEAN countries and in Vietnam, and policies needed to implement cogeneration successfully. High level policy-makers, industrial organisations, cogeneration project end-users and developers, financiers etc. will participate in this event.

The programme for the **Cogeneration Technologies and Equipment Seminar** will focus on cogeneration technologies and applications. European cogeneration suppliers will also present examples of successful cogeneration projects, cogeneration technologies and experiences from ASEAN.

During the entire day there will be a **Mini-exhibition** by European and ASEAN cogeneration suppliers adjacent to the meeting venue. Here you can get information about cogeneration equipment and applications and meet and discuss face to face

Event details	
Date & time	Tuesday 6 April Opening Ceremony for Cogeneration Week and Cogeneration Policies in ASEAN and Vietnam: 9.00 – 13.00 Cogeneration Technologies and Equipment Seminar: 13.00 – 16.30
Venue	Melia Hotel 44B Ly Thuong Kiet Str. Hoan Kiem Dist, Hanoi Tel. + 84 4 9343343. Fax: + 84 4 9343344
Objectives	<ul style="list-style-type: none"> • Opening of Cogeneration Week and press contact • Inform policy makers and planners of the benefits of cogeneration (energy savings, financial, environmental improvement, etc.) • Provide the policy makers and planners with knowledge of cogeneration policy experiences in ASEAN and Vietnam • Enhance the awareness and understanding of cogeneration technologies, applications and equipment • European cogeneration supplier presentation of successful cogeneration projects, technologies and experiences from ASEAN
Target group	<ul style="list-style-type: none"> • Potential cogeneration end-users • Project developers • Financial institutions and investors • Utility planners and government organisations • Equipment suppliers and service providers • Consultants

Programme – Opening Ceremony for Cogeneration Week and Cogeneration Policies in ASEAN and Vietnam	
8.30	Registration and visit to Mini-exhibition
9.00	Welcome and opening <ul style="list-style-type: none"> • Welcome Remarks <i>Nguyen Duc Minh, Chief Country Co-ordinator in Vietnam, COGEN 3</i> • Opening address <i>EC delegation representative</i> • Keynote address <i>Mr. Nguyen Kinh Luan – Vietnam Ministry of Industry</i> • COGEN 3 programme and activities <i>Eric Chanfreau, Deputy Programme Co-ordinator, COGEN 3</i>
9.45	Coffee and tea, and visit to Mini-exhibition
10.15	ASEAN cogeneration experiences <ul style="list-style-type: none"> • ASEAN cogeneration history • ASEAN policies and achievements <i>Niels Beck-Larsen, Biomass Expert COGEN 3</i>
10.35	Vietnam cogeneration policy experiences <ul style="list-style-type: none"> • Policy experiences from a policy makers point of view <i>Mr. Le Tuan Phong, Ministry of Industry</i> • Policy experiences from a cogeneration end users point of view <i>Mr. Nguyen Van Vinh, Lam Son Sugar Company</i> • Policy experiences from a power/cogeneration project investor point of view <i>Dr. Nguyen Duc Thao, VINACOAL</i>
11.45	Questions and answers
12.00	Lunch and visit to Mini-exhibition
Programme - Cogeneration Technologies and Equipment Seminar	
13.00	Welcome and opening <ul style="list-style-type: none"> • Introduction and objectives of seminar <i>Nguyen Duc Minh, Chief Country Co-ordinator in Vietnam, COGEN 3</i> • Remarks <i>Eric Chanfreau, Deputy Programme Co-ordinator, COGEN 3</i>
13.15	Overview of cogeneration technologies and applications <ul style="list-style-type: none"> • Overview of cogeneration technologies and applications • Case studies on successful ASEAN cogeneration applications <i>Leif Mortensen, Coal Expert, COGEN 3</i>
13.45	European cogeneration equipment supplier presentations <ul style="list-style-type: none"> • Presentations of successful cogeneration projects and technologies • Experiences from cogeneration projects in ASEAN • Questions and answers <i>Representatives from European cogeneration equipment suppliers</i>
14.45	Coffee and tea, and visit to Mini-exhibition
15.15	European cogeneration equipment supplier presentations (continued)
16.15	Wrap up of seminar <i>Nguyen Duc Minh, Chief Country Co-ordinator in Vietnam, COGEN 3</i>
16.30	Close of Cogeneration Technology and Equipment Seminar

Hanoi:

Visit to Cogeneration Equipment Supplier

COGEN 3 will arrange a visit to the Vietnam Boiler JST Company, a local cogeneration equipment supplier. The visit will offer the opportunity to see cogeneration equipment, and to meet the equipment supplier.

Event details	
Date & time	Wednesday 7 April 8.30 – 13.00
Venue	<p>Meeting place: Melia Hotel Lobby 44B Ly Thuong Kiet Str. Hoan Kiem Dist, Hanoi Tel. + 84 4 9343343. Fax: + 84 4 9343344</p> <p>Cogeneration Equipment Supplier visit: Vietnam Boiler JST Company Km 24 Dong Anh Township, Hanoi Tel. + 84 4 8832431. Fax. + 84 4 8833298</p>
Programme	
8.30	Bus leaves from Melia Hotel
9.30	<p>Introduction to visit to Cogeneration Equipment Supplier</p> <ul style="list-style-type: none"> • Welcome and introduction to Vietnam Boiler JST Company • Cogeneration equipment <p><i>Representative from Vietnam Boiler JST Company</i></p>
10.00	<p>Tour of manufacturing facilities</p> <ul style="list-style-type: none"> • Tour of manufacturing facilities • Questions and answers
	Lunch (on the way to Hanoi)
13.00	Arrive at Melia Hotel

Hanoi:

Individual Consultations with COGEN 3 Experts

The COGEN 3 experts in technical, environmental and financial issues will also be available for **Individual Consultations**. These face-to-face meetings are opportunities to discuss all aspects related to the development of cogeneration projects. All discussions during the meetings will be treated as confidential. If you are interested in meeting with the COGEN 3 experts an appointment will be made for a specific meeting time during the Cogeneration Week.

Ho Chi Minh City: **Cogeneration Project Development Seminar**

The programme for the morning of the **Cogeneration Project Development Seminar** will focus on development of cogeneration projects. The topics will include Cogeneration technologies and applications, introduction to the COGEN 3 Technical-Financial Analysis model, financial analysis and financing routes. Principles in the Clean Development Mechanism (CDM) related to cogeneration projects and status of CDM in Vietnam will be presented, as well as practical implementation of CDM cogeneration project.

Event details	
Date & time	Thursday 8 April 9.00 – 16.00
Venue	Rex Hotel Address: 141 Nguyen Hue Blvd., Dist 1, Ho Chi Minh City Tel. + 84 8 8293115. Fax + 84 8 8296536
Objectives	<ul style="list-style-type: none"> • Enhance the awareness and understanding of the key issues involved in the development, and implementation of cogeneration projects • Build capacity on technical and financial analysis of cogeneration projects • Introduce the COGEN 3 Technical-Financial Analysis model • Introduce the Clean Development Mechanism (CDM) and build capacity on how CDM can be applied for cogeneration projects • Overview of CDM activities in Vietnam
Target group	<ul style="list-style-type: none"> • Potential cogeneration end-users • Project developers • Financial institutions and investors • Utility planners and government organisations • Equipment suppliers and service providers • Consultants

Programme	
8.30	Registration
9.00	Welcome and opening <ul style="list-style-type: none"> Introduction and objectives of seminar <i>Nguyen Duc Minh, Chief Country Co-ordinator in Vietnam, COGEN 3</i> Welcome and opening <i>Mrs. Phan Thu Nga, Department of Science and Technology of HCM City</i> COGEN 3 programme and activities <i>Eric Chanfreau, Deputy Programme Co-ordinator, COGEN 3</i>
9.20	Overview of cogeneration project development <ul style="list-style-type: none"> Approach to project development and implementation COGEN 3 Cogeneration Development Guide <i>Alan Dale Gonzales, Business Expert, COGEN 3</i>
9.50	Coffee and tea
10.20	Technical analysis of cogeneration projects <ul style="list-style-type: none"> Cogeneration technologies and applications Approach to technical evaluation of cogeneration projects <i>Arul Joe Mathias, Biomass and CDM advisor, COGEN 3</i>
10.50	Financial analysis of cogeneration projects <ul style="list-style-type: none"> Financial analysis principles Calculation and use of financial key-figures: Internal Rate of Return (IRR), Net Present Value (NPV) and Pay Back Time <i>Alan Dale Gonzales, Business Expert, COGEN 3</i>
11.30	COGEN 3 Technical-Financial Analysis model <ul style="list-style-type: none"> Introduction to COGEN 3 Technical-Financial Analysis (TFA) model TFA model principles and uses <i>Tran Quang Cu, Training Expert, COGEN 3</i>
12.00	Lunch
13.00	Clean Development Mechanism <ul style="list-style-type: none"> CDM Business Opportunities for Cogeneration Projects Status of CDM and Risks <i>Arul Joe Mathias, Biomass and CDM advisor, COGEN 3</i>
13.40	National Policy on Clean Development Mechanism and Case Study <ul style="list-style-type: none"> National Policy and Status of CDM in Vietnam CDM cogeneration project case study <i>Dr. Nguyen Tien Nguyen, Senior Expert, Country Co-ordinator in Vietnam, COGEN 3</i>
14.15	Coffee and tea
14.45	Financing of cogeneration projects <ul style="list-style-type: none"> Experience from Thailand Case studies <i>Alan Dale Gonzales, Business Expert, COGEN 3</i>
15.45	Wrap up of seminar <i>Nguyen Duc Minh, Chief Country Co-ordinator in Vietnam, COGEN 3</i>
16.00	Close of Cogeneration Project Development Seminar

Ho Chi Minh City: **Site Visit to Cogeneration Plant**

COGEN 3 will arrange a **Site Visit to Cogeneration Plant** in Bourbon Tay Ninh Sugar Company Limited. The site visit will offer the opportunity to see the plant and cogeneration equipment, and to meet the users and hear about their personal experience in successful implementation of a cogeneration project.

Event details	
Date & time	Friday 9 April 7.30 – 16.00
Venues	<p>Meeting place: Rex Hotel Lobby Address: 141 Nguyen Hue Blvd., Dist 1, Ho Chi Minh City Tel. + 84 8 8293115. Fax + 84 8 8296536</p> <p>Site Visit: Bourbon Tay Ninh Sugar Company Limited Address: Tan Hung village, Tan Chau District, Tay Ninh province Tel. + 84 66 839804. Fax + 84 66 839834</p>
Programme	
7:30	<i>Bus leaves from Rex Hotel</i>
10:00	<p>Introduction to site visit</p> <ul style="list-style-type: none"> • Welcome and introduction to Bourbon Tay Ninh Sugar Company Limited • Production processes and cogeneration plant • Cogeneration implementation experiences <p><i>Bourbon Tay Ninh Sugar Company Limited Representative</i></p>
10:30	<p>Site visit</p> <ul style="list-style-type: none"> • Tour of cogeneration plant • Questions and answers
	<i>Lunch (on the way to Ho Chi Minh City)</i>
16:00	<i>Arrive at Rex Hotel</i>

Ho Chi Minh City: **Individual Consultations with COGEN 3 Experts**

The COGEN 3 experts in technical, environmental and financial issues will also be available for **Individual Consultations**. These face-to-face meetings are opportunities to discuss all aspects related to the development of cogeneration projects. All discussions during the meetings will be treated as confidential. If you are interested in meeting with the COGEN 3 experts an appointment will be made for a specific meeting time during the Cogeneration Week.