



The Sugar Technologists Association of Central America will perform the XIX Congress ATACA organizing a Pre-Congress on Monday 09 and Tuesday 10 September 2013 in the Province of Guanacaste, situated 320 km from San Jose.

Attendees should enter the country on Sunday, Sept. 8 to Wyndham Hotel located in San Jose where they will provide bus transportation to the Hotel Condovac La Costa, Guanacaste. As those who enter the Daniel Oduber International Airport located in Liberia, the organization will provide transportation prior notice.



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ATACA

SUGAR TECHNOLOGISTS XIX CONGRESS

CENTROAMERICA ATACA, COSTA RICA



The event is aimed at technicians, researchers, entrepreneurs, producers and other professionals and institutions that develop activities related to sugar and alcohol sector. It aims to bring together professionals of various segments of agribusiness sugar cane protruding from other countries in Latin America and the Caribbean to present the technological advances in the sector.

Technical visits will be developed in three sugar units, the participant will have the opportunity to interact with experts in the Ingenio El Viejo which will take place on Monday simultaneous translation (English, Spanish and Portuguese) and in the other two units will not with translation.

On Tuesday, the translation is performed in the Ingenio Taboga.

IMPORTANT NOTICE

1. Will be provides transportation from headquarter Hoted Wyndham Herradura, in San José, only Sunday September 8th, 2013, to the 1:00 pm with destination to Hotel Condovac La Costa
2. People attending coming from Colombia shall complete the steps respective of VISA to enter the country.
3. People attending of South America must submit malaria vaccine certificate.

Pre-Congress Investment

Associated	\$200
No Associate	\$220
Companion	\$200

Congress Investment

Associated	\$270
No Associate	\$300
Companion	\$230

Hospedaje para el Congreso

Hotel	Contact	Phone	E-mail
Wyndham, San José, Herradura	Idalmis Castillo Blanco	(00506) 2209-9857 (00506) 2239-0022 Ext 8140 (00506) 2209-1033	icastillo@wyndhamherradura.com
Double Tree By Hilton	Idalmis Castillo Blanco	(00506) 2209-2300 Ext 192 8707-1182/8702-8776	gladys.pilarte@hilton.com
CityExpress Hotel	Carlos Chacón	(00506) 2209-9857	cesjo.ventas@cityexpress.onmicrosoft.com
Country Inn & Suites	Carol Davis Cordero	(00506) 2209-9857	cdavis@countryinns.co.cr



PRE-CONGRESS
Monday 09 y Tuesday 10

Ingenio Taboga Rica is an agribusiness company dedicated to the cultivation of sugar cane and rice, it is located in the district of drinker to 18 km from the town of Canas in the province of Guanacaste, Costa Rica, was founded in 1958. Its main activity includes sugar, alcohol and electricity derived from sugar cane.

The company has systems implementing ISO 14001 Environment Management, ISO 9001 Quality and prevention HACCP and ISO 18001 Occupational Hazards.

The sugarcane area owned and rented is 4853 hectares. of which 98% of the area has gravity supplemental irrigation during dry periods, and 285 cane processing independent producers (5100 ha.) of influence of the sugar mill.

The distribution of soil textural where cane is grown corresponds to different types of soils, Inceptisols and Vertisols dominated, on a smaller scale are the Entisols and Mollisols, its varietal component comprising the major commercial varieties grown in different soils: NA 56 -42, NA 85-1602, 86-7515 RB CP 72-2086, CP 72-1210, SP 81-2068, B 82-333 and others.

The average agricultural yield 85.60 TMC / ha and 107.29 kg industrial performance Az / TM. This company is known for agribusiness efforts in the environment, reducing him burning in sugar cane plantations, advances emissions and carbon neutrality strategies.

DAY 1 Monday 09, Sept	Tour 1 El Viejo	Tour 2 CATSA	Tour 3 CATSA
	<ul style="list-style-type: none"> Installation of filter presses Using solar panels for natural lighting Strategies of Cogeneration Power (Rate) Tractors generation Using biomass energy production Environmental control, less smoke and ash 	<ul style="list-style-type: none"> Crop rotation cane and rice Preparation Equipment clay soils Varieties adapted to soils Ultisols 	<ul style="list-style-type: none"> Integrated pest management (IPM) Strategic Management of seed Leveling and GPS assisted fertilization Experience in mechanical planting Precision agriculture Demonstration of New Technologies in aerial applications
DAY 2 Monday 09,	Taboga	El Viejo	CATSA
	<ul style="list-style-type: none"> For use of fans boiler antiabrasive Fermentation acidified with HCl Use of starch in the fermentation of sugarcane Texaco Lubricants for use in bearings and mills 	<ul style="list-style-type: none"> Drip irrigation in sugarcane plantations Center pivot irrigation and sugarcane traveler Experiences with mechanical planting Using promising varieties 	<ul style="list-style-type: none"> New bins crystallization processes CATSA growth alcohol ISCC Certification at CATSA

CENTRAL AZUCARERA EL TEMPISQUE (CATSA)



Central Azucarera El Tempisque SA CATSA, is an agribusiness that is located in the district Guardia of the canton of Liberia in the province of Guanacaste Costa Rica.

Its main business includes production agroindustrial sugar and alcohol. It also has a Social Responsibility Program and volunteer programs achieving a positive impact on the surrounding communities.

CATSA is characterized by a firm that has achieved different quality certification such as ISO 9001, and the International ISCC Sustainability & Carbon Certification (ISCC), which ensures that it meets all requirements required by the Federal Agency of Agricultural and Food of the Federal Republic of Germany under the designation DE-B-BLE-M-10 for the biomass and biofuel production.

CATSA has approximately 7925 hectares of sugarcane planted in different soil types, including predominantly Vertisols, Inceptisols, Entisols and Mollisols, and 96.8 % of crop area has complementary irrigation during the year.

Its varietal component is made the following commercial varieties: NA 5642, SP 81-3250, B 80-689, CP 72-2086, B 82-333, NA 85-1602 and others. There is also a significant amount of independent producers who deliver their cane to the mill. The average crop yield ranges 82.7 TMC / ha with industrial performance of 101.11 Kg Az / TM.

Sugar El Viejo SA is a Costa Rican company dedicated to the cultivation of sugarcane, located in the basin of the river Tempisque in the Guinea town of the canton of Carrillo, Guanacaste Province, Costa Rica.

Its main products are sugar, and electricity. Sugar El Viejo process sugarcane cultivated in its approximately 5800 hectares of crops themselves, also has about 500 independent producers who supply the raw materials to the mill with 4000 hectares of sugarcane.

This company has made great effort on the environment through which advanced strategies with a looming carbon-neutrality and proper use of water resources (water).

In the agricultural field their plantations are located on various soil types such as: Mollisols, Vertisols, and Inceptisols, and its varietal components is represented by the following commercial varieties: NA 56-42, MEX 79-431, B 82-333, CP 72-2086, CP 72-1210, SP 70-1284 and other.

Supplementary irrigation has approximately 79.6% of sown area, dominated by gravity method cane plantations, another future energy potential is constant research on the use of bioenergy species (trees) for the production of electricity, commonly use the bagasse as raw material to produce electricity.

The average agricultural yield 84.35 TMC / ha with industrial performance of 106.24 KgAz / TM.