

CARIBDA NEWS



VOLUME 1, ISSUE 6 MARCH, 2010

CARIBDA 2010 CONFERENCE READY TO GO REGISTER NOW!!

On January 22nd meetings were held in Grand Cayman between representatives of CaribDA, Co-hosts Consolidated Water Authority of Cayman and representatives of the Marriott Beach Resort in order to finalize details of the conference to be held from June 1-4, 2010. The preparations are well underway and we expect to have a successful conference. We hope to welcome all of the members there, also for the General members meeting. In the meantime we have completed the program, which can be seen on our website. The interest for the conference by sponsors and exhibitors exceeds every expectation. Registrations are pouring in and we urge you to book soon

as we have only a limited of blocked rooms at the conference hotel. We have the following Conference Sponsors:

Platinum Sponsors and Co-hosts:

1. Consolidated Water Co.
2. Water Authority Cayman

Bronze Sponsors:

- Seven Seas Water
- Energy Recovery Inc
- Keppel Seghers
- Astral Products

Already we can count on a number of exhibitors such as Toray Membrane USA, Veolia, FMC Technologies, Victaulic, Florida Aquastore, Danfoss, Bekaert, Nalco, Barnes, KSB pumps and Water tech.

A View Beyond the Horizon”

Caribbean Desalination Association 2nd Conference on Desalination and Water reuse
June 1-4, 2010.

www.caribda.com

The conference is held in partnership with Global Water Intelligence



and the International Desalination Association (IDA)



WELCOME TO THE 6TH ISSUE OF CARIBDA NEWS

- *Members contributions are welcome. Please contact us by email hgou-verneur@aqualectra.com*
- *Take this opportunity to place your company or plant in the news*
- *Share your experiences with others*
- *If you are interested in joining the editorial staff, please contact us*

CaribDA sponsors



Call for Nominations:

CARIBDA BOARD ELECTIONS 2010-2012 UNDERWAY

Dear CaribDA Members,

We are now ready to begin the formal process to select and install a new Board of Directors for the period 2010-2012. Please note that nominations can only be put forward for members who have paid their current membership dues.

Members must also be willing to attend at least two Board Meetings per year. All meetings will be held in the Caribbean Region or by telephone conference call. The first meeting of the new board will be held in Grand Cayman coinciding with the CaribDA Confer-

ence in June 2010.

An Election Committee has been formed and will oversee and ensure a timely, transparent and democratic process.

Announcement of new CaribDA Board Members,

May 15th, 2010.

INSIDE THIS ISSUE:

ACCIONA AGUA BUILDING FIRST RO IN VENEZUELA	2
CARIBDA-IDA-AMTA COLLABORATE	3
BOARD ACTIVITIES	3
CALENDER OF EVENTS	4
REGSITER NOW!!	4

ACCIONA Agua continues the construction of the first reverse osmosis desalination plant in Venezuela

PDVSA awarded the Spanish company the International competition for one of the largest desalination plants in Latin America

The desalination plant in Paraguaná, with a capacity of 75,000 cubic metres a day, will have a double use in that it will supply both consumers and industry



Acciona workers preparing the construction site

ACCIONA Agua continues with the construction started last year (august 2008) of the desalination plant for the Centro Refinador Paraguaná (CRP), in the Paraguaná peninsula. The Spanish company was selected, through an International competition, to put into action the first reverse osmosis desalination plant in Venezuela, which will also be one of the largest in Latin America, a Project with a cost of € 108m.

The plant will have a volume flow of 867 litres per second (some 75,000 cubic metres per day), which will convert it into one of the largest in Latin America and the sixth largest in ACCIONA Agua's portfolio of projects. The capacity of the plant will allow supply (with standard consumption levels) for a population of around 350,000 inhabitants.

The Paraguaná project, backed by PDVSA, is mixed in character and is in keeping with its programmes for resource optimisation and excellence in management.

Around 30% of the desalinated water will go to satisfy the water needs of the production process in the Cardón refinery, while the remaining 70% will go to the supply of water to distribution network used for the urban areas in the region.

This mixed model is intended to drive the sustainable development of the Paraguaná peninsula, one of the most arid and driest parts of Venezuela, in the extreme north-east. The supply of water, beyond industrial use, will allow the encouragement of alternative activities in the region, such as agriculture or tourism. This will take place within the programmes set in motion by the Venezuelan Administration which are designed to stimulate the economy of the region and thus establish a model that can be applied as a formula for development in other zones of the country and Latin America.

For ACCIONA Agua, the carrying out of this project reinforces the international leadership of its reverse osmosis technology and creates an important model for desalination in terms of the production capacity of the desalination plant and in its mixed approach to support development in the region. The contract will also allow close contact with the engineering teams from PDVSA, who have recognised technical excellence, and the introduction of the supply systems for the industrial processes of the Cardón refinery.

ACCIONA is one of the largest Spanish corporations which operates in the infrastructure, energy, water and services sector in more than 30 countries. Its company motto of "Pioneers in development and sustainability" reflects its commitment in all activities to contribute to economic growth, social progress and the protection of the environment. ACCIONA is a leader in its sector in the Dow Jones Sustainability Index and has a turnover of 12,665 million euros. ACCIONA is listed in the selective IBEX-35 index on the Spanish stock exchange (ANA.MC). www.accion.es

ACCIONA is also a Corporate Member of the Caribbean Desalination Association (CaribDA).

**World Water Day..
22nd. March**

International World Water Day is held annually on 22 March as a means of focusing attention on the importance of freshwater and advocating for the sustainable management of freshwater resources.

CARIBDA AT THE IDA WORLD CONGRESS IN DUBAI AND AMTA WORKSHOP IN PUERT RICO

From November 7-11, 2009 several Board members of CaribDA participated in the IDA World Congress in Dubai. Furthermore Anders also had a presentation in one of the main sessions.



Linda Dudley, Anders Hallsby and Humphrey Gouverneur at the IDA World Congress in Dubai

It was a very interesting congress with over 1350 participants in a wonderful setting as only Dubai can offer. Separate Affiliates sessions were held this time at the World Congress. Also the CaribDA was present in these sessions and presentations were given by Linda Dudley, Anders Hallsby and Humphrey Gouverneur.



Linda Dudley, at the IDA World Congress in Dubai

The AMTA Technology Transfer workshop that was jointly held in January with CaribDA a.o. was also a success. Several speakers from CaribDA were present and important issues regarding the supply of fresh water in the Caribbean were touched during the interesting presentations. Already AMTA has suggested a repeat next year or even a yearly recurring event. It is certainly worthwhile to consider.



AMTA Executive Director Ian Watson, P.E., Keynote Speaker / CWWA President Cyprian Gibson, AMTA President Steve Duranceau, Ph.D., P.E., Keynote Speaker / CaribDA President Humphrey Gouverneur, Ir., and AMTA Board Member / Workshop Chair C. Robert Reiss, Ph.D., P.E. picture taken on Jan. 20, 2010 during the American Membrane Technology Association (AMTA) - Technology Transfer Workshop "Membrane Treatment in the Caribbean" held in San Juan, Puerto Rico.

Board Activities:

"The Haiti Caribbean Disaster Restoration Assistance Programme"

*As a result of discussions held among officials from CaribDA, CBWMP and CWWA the initiative was taken to take a joint approach to providing assistance to the water and sewerage utilities in Haiti. A draft proposal to establish a Caribbean Water and Wastewater Fund for Haiti was presented and approved by the CaribDA Board. It was agreed that the CBWMP Secretariat would

coordinate the establishment and implementation of a Caribbean Disaster Restoration Assistance Programme through which the three associations would mobilize funds and technical expertise to support efforts of utilities in Haiti to restore water and sewerage systems in the affected areas in the country. Some of the proposed guidelines to govern the provision of assistance from the Disaster Fund are: Each par-

ticipating organization i.e. CARIBDA, CBWMP and CWWA would mobilize funds from among its members or other sources.

All contributions collected by the participating organizations would be deposited in a central account entitled:

"The Caribbean Water & Wastewater Utilities Disaster Relief Fund."

The Fund is to be managed by the CBWMP Secretariat under the direction of a three-member Steering Committee comprising representatives nominated by each of the three (3) organizations.

CARIBDA

Caribbean Desalination Association
Rector Zwijssenstraat # 1
Willemstad, Curaçao
Netherlands Antilles

Phone: +5999-463-2162
Fax: +5999-462-7536
E-mail: hgouverneur@aqualectra.com

Calendar of Events

April 11-14, 2010

AWWA Sustainable Water Management
Conference & Exposition

www.awwa.org/conferences

Albuquerque, New Mexico, USA

July 12-15, 2010

AMTA 2010 Annual Conference &
Exposition

San Diego, CA, USA

September 19-24, 2010

IWA World Water
Congress & Exhibition

Montreal, Canada

September 4-9, 2011

IDA World Congress

Perth, Australia



REGISTER NOW !!

Conference Co-Host:
Consolidated Water Co. Ltd.



Conference Co-Host:
Water Authority of Cayman



“A View Beyond the Horizon”

**The Caribbean Desalination Association 2nd Conference on
Desalination and Water Reuse
1st - 4th June, 2010.**

Venue: Grand Cayman Marriott Beach Resort, Cayman Islands

Conference topics:

- Technology & Innovation
- Planning and Management
- Finance & Economics
- Regulations and the Environment

SPEAKERS: such as *Mr. Thomas Wozniak* who recently received a *“Best Paper Award”* at the IDA World Congress in Dubai, November 2009.



For more information, please contact:
Mr. H. Gouverneur, President of CaribDA
E-mail: hgouverneur@aqualectra.com
Phone : 599(9)-463-2000
Fax : 599(9)-462-6685
www.caribda.com

Event Platinum Sponsors:



Event Bronze Sponsors:



**CaribDA
Sponsors**

