

**REGISTRATION**  
**II INTERNATIONAL CONGRESS**  
**ADVANCED MANAGEMENT OF URBAN DRAINAGE**  
**GADU 2004**

**BARCELONA,**  
**OCTOBER 25<sup>TH</sup>-26<sup>TH</sup>**  
 Hotel Fira Palace

**Fees:**  
 Early registration deadline: 15/09/04: 400 Eur + taxes (16%)  
 Registration after 15/09/04: 490 Eur + taxes (16%)  
 Deadline for registration: 11/10/04



Name: ..... Surname: .....  
 E-mail: .....  
 Company/Institution: .....  
 Address: .....  
 City: ..... Post Code: ..... Country: .....  
 Phone: ..... Fax: ..... Web: .....

Registration includes access to Conference Hall, documentation and indicated acts included in programme

**Send to: INTERNATIONAL MEETINGS**

Transfer to CLABSA  
 Banco BBVA  
 0182 0208 24 0200397296

Capitán Arenas, 3-5 bajos 08034 Barcelona  
 Tel. 0034-93-2039293 Fax. 0034-93-2804643  
 Contact person: Tina García – gadu2004@clabsa.es

If invoice required, indicate fiscal facts

Trade name .....  
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Registration will be completed in receiving supporting document of transference by fax



Sewerage networks or urban drainage systems present, still today, important problems and pathologies that came out as flooding, negative environmental impact in receiving waters in dry or storm weather, odor and collapses. However, municipal managers are each time more conscious of the need to revert this situation, moved by a greater awareness and demand of the citizens and the European, National and Regional current legal requirements, each day more restrictive, particularly regarding environmental protection.

These are the reasons why a new model of management is gradually setting in Spain. A more modern and advanced management of sewerage networks. This management, called AMUD-GADU (Advanced Management of Urban Drainage-Gestión Avanzada del Drenaje Urbano), has been agreed in the framework of the Spanish Society of Water Supply and Sewerage, and has been already implemented in several municipalities. It must be pointed that the modernization of the management of GADU pattern, involves all its aspects: planning, projects, works direction, operation and maintenance, and it is suitable and adaptable to different local conditions of any municipality, no matter its size.

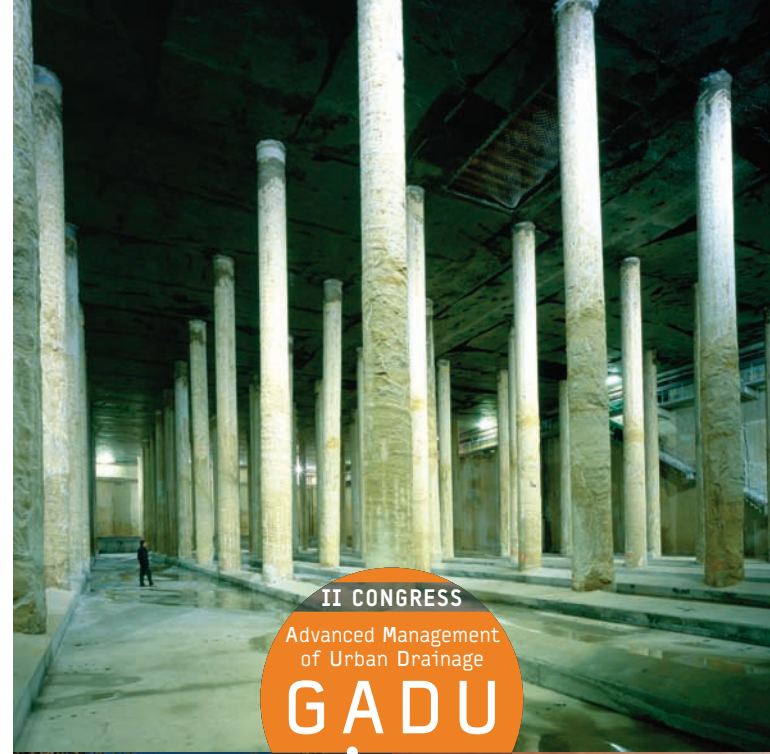
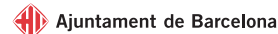
The increasing interest for these aspects, as well as the successful celebration of the 1<sup>st</sup> International Congress of the Advanced Management of Urban Drainage, that took place in 2000, have driven the call of this 2<sup>nd</sup> Congress, that will be privileged with the contribution of some of the best experts in the world in this topic, and includes the technical visit to stormwater detention tanks in the city of Barcelona.

Organiza:



Clavegueram de Barcelona, S.A.  
[www.clabsa.es](http://www.clabsa.es)

Colaboran:



**II CONGRESS**  
 Advanced Management of Urban Drainage  
**GADU**  
 '04



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Hotel Fira Palace - Av. de Rius i Taulet, 1-3



## GENERAL PROGRAM

### MONDAY 25<sup>TH</sup> OF OCTOBER

15:30 **Beginning of Congress GADU 2004.** Reception.

16:30 **Technical visit:** Joan Miró's stormwater tank.

### TUESDAY 26<sup>TH</sup> OF OCTOBER

8:30 **Reception**  
(if not done the day before).

9:00 **Opening session by:**  
Mr. Joan Clos, Barcelona's Mayor.  
Mr. Francisco Narváez, Urban Services and Environment Councilor and President of CLABSA.

9:25 **La gestión de los sistemas de drenaje urbano en España. Situación actual y perspectivas futuras. (Management of urban drainage systems in Spain. Present and future)**  
Ángel Simón, AEAS President.

10:05 **Urban Drainage Systems Management in the XXI century: a world overview.**  
Wolfgang Schilling, NTNU (Norway).

10:45 **La planificación y gestión avanzada de sistemas de drenaje urbano. El caso de Barcelona. (Planning and advanced management of urban drainage systems. Barcelona's case)**  
Pere Malgrat, Technical Director;  
Josep M. Verdejo, Operating and Maintenance Director. CLABSA.

11:25 Coffee break

11:50 **Urban Drainage Systems in United Kingdom: problems and solutions.**  
Will Williams, Director of Asset Management. WRc.

12:30 **Round-Table Conference. Influencia de las nuevas directivas europeas en los sistemas de drenaje urbano. (Influence of the new European directives in urban drainage systems).**

Speakers:

D.G. Environment EU:  
Marta Moren; Water, the Marine and Soil Unit

Ministerio de Medio Ambiente:  
Juan Martín Morales. Infrastructures and Technology Deputy Director

Agència Catalana de l'Aigua:  
Jordi Cabot. Manager

Entitat Metropolitana del Medi Ambient:  
Carles Conill. Manager

AGBAR:  
Lleonard Carcolé. Development Manager

CLABSA:  
Alfred Noman, Manager-Director (Chairman)

13:50 Lunch

15:35 **La explotación avanzada en tiempo real de la red de drenaje urbano de Seine-Saint-Denis. (Advanced Real Time Management of Seine-Saint-Denis urban drainage network) (Paris).**  
Jean-Marie Delattre, Chef de la Division Gestion des Eaux.  
Département de Seine-Saint-Denis (Paris).

16:15 **Urban Drainage Problems in Germany: Diagnostic and Solutions.**  
Hansjörg Brombach, Director de Umwelt und Fluid Technik.

16:55 Coffee break

17:10 **Detention tanks: main infrastructure against CSO's pollution. Overview of Swedish experience.**  
Knut Bennerstedt, Jefe de la Unidad de Planificación Estratégica del Alcantarillado de Estocolmo, Stockholm Vatten.

17:50 **Advanced Rehabilitation of Urban Drainage Systems. European Project CARE-S.**  
Sveinung Saegrov, Project Manager. SINTEF (Norway).

18:30 **Closing session by:**  
Mr. Salvador Milà, Environment and Housing Minister of the Generalitat de Catalunya.

18:45 **End of sessions**

English-Spanish, Spanish-English translation available during the sessions

## HOTEL BOOKING FORM

### II INTERNATIONAL CONGRESS ADVANCED MANAGEMENT OF URBAN DRAINAGE GADU 2004

BARCELONA,  
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Hotel Fira Palace

	Double Room (single use)	Double Room	Web
FIRA PALACE ****	196,88 Euros	224,70 Euros	www.firapalace.com
EXPO HOTEL ****	151,94 Euros	174,41 Euros	www.expogruppo.com
BARC. UNIVERSAL ****	151,94 Euros	187,25 Euros	www.nnhotels.es
CATALONIA ROMA ****	113,42 Euros	144,45 Euros	www.hoteles-catalonia.es
TRYP APOLO ****	141,24 Euros	162,64 Euros	www.tryppapolo.solmelia.com

Hotel First option: .....  
Hotel 2nd option: .....  
Arrival date: .....  
Departure date: .....  
Number of nights: .....  
Credit Card .....  
Nº .....  
Expiry date .....

It is necessary, as guarantee, a credit card number.  
Payment will be made directly to Hotel in leaving.  
(Please, take note that once book be confirmed, there will not be refund in case of cancellation. In case of not using the booked room, hotel will charge respective import to your credit card.)

Double room   
single use

Double room

Comments .....

\*Prices are shown in Euros, per room per night, and include continental breakfast and 7% VAT