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- **140** ministerial delegations
- **85** countries will make official declarations
- **More than 150** nationalities
- **More than 1000** speakers
- **1000** hours of exchange and debate
- **More than 1300** solutions already published

# Editorial

## Six days to focus our energies and find solutions

Political decision makers, economic actors and members of civil society, researchers, NGO representatives, I would like to thank you for your participation today at the sixth World Water Forum at Parc Chanot in Marseille.

This city, with its exemplary know-how in water treatment and management, is home to the World Water Council. The Council, the City of Marseille and the French Government are involved in this vast international event where 20 000 visitors are expected during the next six days.

A result of 2 years of preparation, this Forum builds upon previous editions and calls for a new era : Time for Solutions. It invigorates energy, captures the attention and acts as a sound box, amplifying the voices of water to give them an impact across the world. Less than three months from the Rio+20 summit, the Forum aims at putting water higher on the political agenda. We need to find concrete solutions, politically and financially realistic, socially acceptable and adapted to local contexts.

A place for exchange and brainstorming, the 6th World Water Forum has established 12 priorities and three conditions for success. Among these priorities, the access to safe drinking water and sanitation services is one to be especially detached. Besides contributing to public health improvement, the process of providing water and sanitation generates jobs to unskilled workers, thus contributing also to poverty eradication and sustainable social-economic development.

As vital resource, water must be managed wisely especially in the case of rivers that flow through two or more countries. Experience shows that there are more examples of cooperation than conflict in managing transboundary river basins.

The Internet has created a planet village. We have imagined and designed an Internet platform to collect everybody's solutions, and also a "village of solutions" that covers 4,000 m<sup>2</sup> inside Parc Chanot.

More than 1000 high-level stakeholders are gathered here in Marseille to share solutions to worldwide water problems and commit themselves to their implementation. The time has come for actions on the ground at all levels of decision-making. ●



**Benedito Braga**

President of the 6<sup>th</sup> World Water Forum.

### OM supports "Wash United"

The football game OM-Toulouse that was played on the 4<sup>th</sup> of March was dedicated to the association "Wash United". Supported by players such as Didier Drogba and the Andre and Jordan Ayew brothers, this association is active in black Africa. It promotes hygiene, supply in drinking water and drainage in villages. For every ticket sold, the OM team has dedicated one euro to "Wash United".

### Technical days

During the Forum, numerous technical days will be proposed in a ray of 200 km around Marseille : the hydroelectric station of Saint-Chamas, the 'Géolide' waste water treatment complex of Marseille, the Provence management system of agricultural water in Le Tholonet, the port of Marseille-Fos, the lagoons of the Thau basin, the construction site of La Ciotat. There will be something for everyone.

### The Governance of irrigation schemes, the 'provencale' style

On the 14<sup>th</sup> of March, Société du Canal de Provence, the union of land owners (ASP) and the Chamber of Agriculture of Provence-Alpes-Côte d'Azur invite the forum delegates to learn more on their irrigation schemes governance style. The morning session will be devoted to an international conference by Tholonet village and a field visit will be conducted in the afternoon.

# Solutions: The 6<sup>th</sup> World Water Forum events Official Gazettes

**Solutions, the official newsletter of the 6<sup>th</sup> World Water Forum, will display complete summaries of each days primary events. These articles will be written by volunteers of the Projection Network who come from 19 different countries.**

The World Water Forum will engage 27 young professionals of Projection Network to write and translate Solutions, a daily internet and print newspaper specifically covering the Forum. The writers include a team of eight journalists, graphic designers and webmasters of the online economic journal, Econostrum.info.

The young professionals include students and newly minted employees currently working or vying to work in the water domain normally dominated by engineers. These professionals come from Korea, France, Burkino Faso, Brazil, Benin, Haiti, Mauritania, Nigeria, Canada, Mexico, Jordan, Congo, Greece, Iran, Japon, Chad, Venezuela, Romania, the United States, Togo, and China. These individuals will cover each event that addresses their interests concerning the events in a growing world.

### A different look

Solutions intention isn't to compete with the general media. Its writers are neither journalists nor translators. However, their

cultural diversity and professional on sight concerning water will enable the forum's gazette to distinguish itself from the other information media. Conventioneers will receive reliable, factual and neutral information.

From 8 a.m to 10 p.m daily, the 27 young professionals and their Econostrum.info tutors will be on the go to bring you a new french and english newspaper. These pages will not suffice to cover all daily events due to the denseness of the 6th World Water Forum. We will do our best to keep you informed and maybe even have a surprise or two in store.

For a group of non-professionals from all around the globe to cover such a worldwide event with such strong institutional overtones at which government heads, dozens of ministers, elected representatives and thousands of scientists indicate the openmindedness of the Forum's organising committee.

Happy reading ! ●



## The UN 2012 annual report: Water / management in a world of risks and uncertainties

**Intensified climate change and a tremendous increase in world water demand exacerbate the pressure on freshwater, slightly aggravating the economic disparities between countries. This is the discovery made by the United Nations in its last annual report presented today in Marseille.**



©Photo Lionel Goujon

«**M**anaging Water under Uncertainty and Risk”, the 4<sup>th</sup> edition of the world report on the valorisation of water resources published by the United Nations, will be presented today at 3:00 PM at the Parc Chanot by Irina Bokova, General Director of UNESCO and Michel Jarraud, UN-Water President and General Secretary of the World Meteorological Organisation. The conclusions of this important UN report will be presented by Olcay Ünver, Coordinator of the WWAP. Highly expected by the international community, this report indicates two phenomena which contribute to the increase water demand. On one hand, the demand for water will continue to increase. Whether it is for

human consumption, or agricultural, industrial and power production, the demand will reach a historical peak. By 2050, food needs should increase by 70 %, with an increasing demand for animal foodstuffs inducing a 19 % increase in water use for the agricultural sector. This sector is by far the biggest consumer of water, representing up to 70 % of the global water consumption.

By 2035, Water intended for production processes should also increase by about 50%, taking population growth and development of economic activities into consideration. The report also notes that one billion people still do not have access to improved potable water and there are more people without access to running water in town than there were in the 90s.

By 2050, the world urban population should reach 6.3 billion individuals, compared to 3.4 in 2009.

Droughts, floods and other consequences of climate change will affect water demand. The 2°C rise in temperature will have a huge financial impact. By 2030, some regions of the world, such as South Asia and Africa, are projected to be most affected by climate change.

“The conclusions are clear”, assures Irina Bokova, in the Foreword of the report. “ (...) Considering the needs and demand, freshwater is not used in a sustainable way. The information remains disparate and water management fragmented. In this context the future is more and more uncertain and the risks likely to increase “.

(\*) World Water Assessment Programme. ●

### The Port of Marseille-Fos revealed

The Port of Marseilles-Fos is organising a technical visit by boat on the 14<sup>th</sup> of March. First French Port, GPMM excels in the traffic of hydrocarbons. The port is now trying to develop container business and cruises and major investments are planned or underway.

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### Thau laguna : an exemplary solution

For an exceptional place, an exemplary solution. On the 15<sup>th</sup> of March (departing on the 14<sup>th</sup>), the Rhône Méditerranée et Corse Water agency (Agence de l'Eau Rhône Méditerranée et Corse), the General Council (Conseil Général) of Hérault, and the Joint Association for Thau laguna (Syndicat Mixte du Bassin de Thau) invite all the Forum's attendants to discover the development works around Thau laguna. This pilot site on matters concerning sustainable management of water resources, environmental protection and economic development.

### A wave of youth

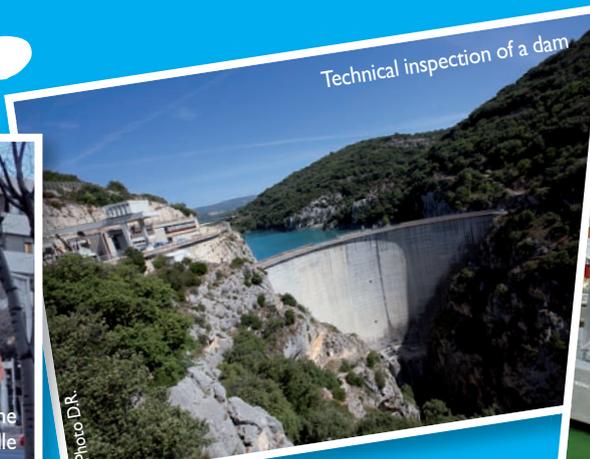
Preserve water resources where they are threatened; provide them when they aren't— future challenges for today's youth. Over 1,800 young professionals, children, secondary school and university students from around the world will offer “youth perspectives on water ” during this Forum. Acting as stakeholders, they will contribute their own reflections and solutions to the cause.

# Portfolio



The Forum advertised in the streets of Marseille

©Photo D.R.



Technical inspection of a dam

©Photo D.R.



Time for Solutions

©Photo D.R.



Visit of Irrigation Systems

©Photo D.R.

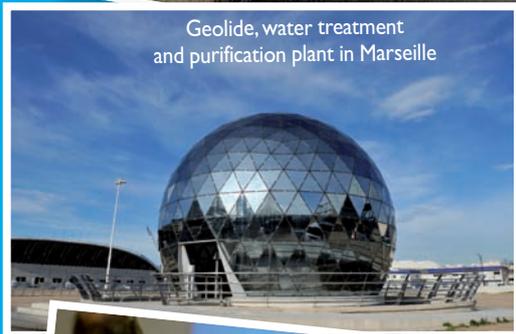


Alain Consalvi and Claude Landrin, volunteers in action.

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Factory assembly in the "Village of Solutions"



Geolide, water treatment and purification plant in Marseille

©Photo D.R.



Preparatory meeting in Lyon in May 2011

©Photo D.R.



First preparatory conference on water and spiritualities

©Photo D.R.



Artika Project presented at the Foire de Marseille (October 2011)

©Photo D.R.



The city buses are decorated with World Water Forum flags

©B.Musq



City walls decked in Forum colours

©B.Musq



France host the World Water Forum

©Photo D.R.



Exhibition of the Institute of Development Research in Gare Saint-Charles

©Photo D.R.



Youth participation in Forum organisation

©Photo D.R.



Forum under construction

©Photo D.R.



Presentation Forum for Forum volunteers

©Photo CIF



Solutions team in training

©Photo D.R.



Work meeting (Photo CIF)

©Photo CIF



At the World Water Forum booth, our volunteers (Unis-Cité) informed the public.

©Photo D.R.



Preparatory meeting for the 6th World Water Forum's Parliamentary process, June 10th 2011, Strasbourg

©Photo D.R.



Village overview.

©Photo D.R.



6th World Water Forum Volunteers, January 10th 2012, Marseille.

©Photo A.Lassus.



One Cool Globe will be sold at an auction during the Forum.

©Photo D.R.

## Saturday Opened For Public

The 6<sup>th</sup> World Water Forum will be opened for everybody on the 17<sup>th</sup> of March 2012. The attendees will thus have the opportunity to participate at one of the most important international events, and also to show their interest in pointing out the challenges our planet is facing. A public open space will gather all those who can come up with solutions. The public will also have access to the Drylands and Oasis Space, exhibitions, films, and animations.

## The twelve labours of Graffiti

The artists' collective L'Artmada will work on 12 "paintings" on the Forum's esplanade, at the parc Charnot, Marseille to illustrate the 12 priorities of the 6<sup>th</sup> World Water Forum. The project, titled "Graffiti" honours graffiti's art. Created in Marseille in 2002, Artmada gathers painters and visual, graphic and video artists who work principally on graffiti's arts, be it frescos, artist performances or exhibitions.

## Water and Photography

No less than fifteen exhibitions will illustrate the close links between water and photography. These exhibitions will take place all over Marseille (St Charles Station, Cours d'Estienne d'Orves, Natural History Museum...) with the following topics: "Water for All" (Development Research Institute), "Marseille, Longchamp, and water" (Michel Eisenlohr), "Aigo, Water in Marseille" (Camille Moirenc), "A fleur de l'eau" (aquatic photos by Marie Paule Nègre) and "Precious Water, Savage Water"...

# A responsible water Forum

**Limiting paper consumption, reducing carbon footprints and favoring local supplies... the Forum develops its green-friendly ethic.**



An ecological wooden USB key

©Photo D.R.

The World Water Forum calls on participants' imagination to further the water cause. It sparks innovative ideas in order to reduce the Forum's "water imprint", be it directly or indirectly. Thus, the USB keys distributed allow participants to download the information that interests them off the <http://www.worldwaterforum6.org> site. All the summary documents are uploaded by the Forum teams as the events take place. Saving paper is consistent with significantly reducing water consumption. Since 5 to 15 m<sup>3</sup> of water are needed to produce 1 ton of paper, this method helps save at least 1000 m<sup>3</sup> of water.

"All paper documents are labelled with Imprim'vert. It isn't possible to avoid using paper during such an event, because there is always a need for paper reference documents. But, for example, we give priority to pocket programmes over XXL programmes. We have also diffused a lot of paper free communication material, namely on iPhone and Flash Code", explains Claudine Chilinski, in charge of Forum communications. This initiative avoid delegates to transport tons

of paper by train and/or plane to their respective countries. In other words, it helps to reduce significantly the Forum's carbon footprint.

## Water "Made in Marseille"

Within the framework of this eco-responsible policy, organisers provide participants with convention kits made from recycled cardboard and fabric rope. It isn't just a matter of packaging, its a global approach. The included notepads are made from recycled paper and the USB keys from raw wood.

Another ecological initiative: invite conference participants to use the water carafes instead of disposable plastic bottles. Especially as Marseille boasts an unrivaled quality of water ! "We have taken great pleasure in conceiving an intelligent "Made in Marseille" marketing scheme", assures Claudine Chilinski, who integrates local water supplies with this ecological ethic. To say nothing of the pleasure of giving people the opportunity to discover Marseille's know how !



# The Forum's interactive programme, a 2.0 tool

**Thanks to the forum's interactive programme, each participant may customize his/her agenda. Shortly after the events of the week take place, this database will include new documents and will be useful to everyone who will need to refer.**

«Everyday 30 to 35 events will take place simultaneously, arousing the participants' interest," explains François Lacroix, Program Director of the International Forum Committee.

In order to guide the participants through this vast offer, the organisation of the forum has been working for three years in an interactive, customizable program available on the forum's website.

This innovative tool allows optimizing their week's agenda, tailoring them a program thanks to an integrated search motor. In a glance, it is possible to review the events as a whole or by categories: grassroots and citizenship events, conferences and sessions, side events...

The location parameters – only Parc Chanot, Marseille or France – can be also defined.

A code of color renders easy displaying information: blue for political sessions, orange for regional sessions, purple for high level events, etc... In each case the participants may check the details of the session in

practical aspects and content terms. Are disclosed the accessibility, spoken languages and participating personalities. By clicking on the "A quick look at the Forum sessions" tab, the website proposes an exhaustive overview of the events.

A system of favorites allows defining your own program depending on your priorities. By a single click on "My Favorites", the participant adds the event in his personal program. The mobile applications for iPad, iPhone and Android guarantee swift access to the information, while a "Flashcode" scan system allows spotting the event being held in a room in real time. Social networks (Facebook and Twitter) makes it possible to share events in real time.

## A baseline for the next forum

This innovative tool is intended to be a living tool that incorporates every day new data. "We will add the information there as we receive it," emphasizes François Lacroix. In addition, detailed information on the events and reports of the Pilot Groups and Target and Solution Groups, videos, presentations and press conferences will also be posted throughout the forum's week. The goal: progressively transform the program so that it may constitute "an operational database for everyone who will need to refer to it," underlines Claudine Chilinski, responsible of the forum's communication.



## « Cool Globes » exhibition

Exhibited in the streets of Marseille from 8 June until 8 October 2010, the 13 Cool Globes will be visible during the World Water Forum. One will be auctioned off.

The money will fund Red Cross activities in Haiti. "By caring for water and its quality, one can prevent a whole series of events such as the cholera epidemic which killed thousands", declared the President of the French Red Cross, Professor Jean-François Mattei.

In November 2011, 58 Cool Globes were exhibited and auctioned. Half the proceeds went to Red Cross. The operation "Cool Globes Marseille 2010" brings together business and arts as a way to raise citizens' awareness towards environmental protection.

## Marseille, a city bluer than blue

Whether dealing with football or the city's coat of arms or landscapes, Marseille likes it blue ! From next monday until saturday, the city is going to carry its favourite color even higher to celebrate the 6<sup>th</sup> World Water Forum. During the weekend, 10 000 bags of bread trooping the Forum's colors have been distributed by the local bakers around the city - what would wheat be without water ? Starting today, the RTM buses, aside with taxis and boaters, are taking over the reins and carrying high the Forum's bulwark !

## Water, a source of inspiration for French journalists

Two films, two visions. French photographer and environment advocate Yann Arthus Bertrand will present his new movie *A Thirsty World* (*La Soif du Monde*) on Tuesday night (8pm in the auditorium of Palais des Congrès, open to public). Produced by his company Hope, in partnership with the Agence Française de Développement, the film is focused on the issues surrounding water access, and will soon be distributed in 60 countries worldwide. The next day, at the same time, the renowned French journalist Bernard de La Villardière will in turn highlight solutions. Directed by Ligne de Front, alongside with Action contre la Faim and the International Forum Committee, *Water, Time for Solutions* will take us aboard in a round-the-world journey of solutions, from Marseille to Oulan-Bator.

## Local authorities on the front line

Local authorities play a great role in the 6<sup>th</sup> World Water Forum. A first step was made during the last forum with the approval of the Istanbul Pact for Water. 950 local governments already signed it. It aims at reaching target objectives based on an action plan, supported with indicators. The Pact will be at the center of the 3<sup>rd</sup> international conference of local and regional authorities organised on 14-15 March by the World Water Council and United Cities and Local Governments (UCLG). This process aims at mobilising local authorities, acting together to strengthen their role in water governance, and to speak with one voice to the international community. Almost 400 representatives from local authorities from all continents will participate.

# Exciting civil society initiatives

**Water is not an issue reserved for governments, local authorities, companies or scientists. Citizens also want to contribute to debates. At the 6<sup>th</sup> World Water Forum, they express themselves through the successful "Grassroots & Citizenship" project.**



This innovative project has been created for consumers and different stakeholders as a forum to share ideas and initiatives not exclusively reserved for political and water experts. The "Grassroots & Citizenship" commission aims to root the forum in local, national, regional and international realities. The commission collects, analyzes and qualifies projects according to principles stated in the December 2011 charter, which guarantee the projects will conform to the objectives and spirit of the event. At the forum's opening, almost 150 projects have been thus qualified. These projects increase delegate and public awareness of issues regarding water supply and sanitation, look beyond their immediate environment. Moreover, these projects present experiences and know-how that delegates and public could have never known without the help of the 6<sup>th</sup> World Water Forum in Marseille.

"Grassroots & Citizenship" chose various approaches so that everyone, regardless of

their profile, age, level of information or curiosity might be interested in participating. Different cultural events have been scheduled: ballets, film projections, photographic or artistic exhibitions, performances, concerts, conferences, ... many of which reflect on the entire metropolitan area (Marseille, Aix, La Ciotat, Cassis...) and beyond (Montpellier, Corse, Gers, Saint-Malo...) and sometimes continue to influence after the Forum. In the Parc Chanot, there are more than 70 of them, including sessions on "Women", "Youth", "Ethics & Culture", "NGOs", "Indigenous people"; as well as some thematic « Side-events » led by UNESCO, the "Feminine Conference on Water" NGO, network SME on water. Finally, some technical visits (where registration is compulsory) are planned to promote sites where the Water issue is discussed in an innovative way: hydraulic power plants, Port of Marseille, boatyards, water treatment plants, lakes, lagoons, and irrigation networks...

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