

## World Plumbing Day 2016

WPC Review reports on a selection of World Plumbing Day activities across the world

### Message from President Barack Obama

The White House, Washington, March 10, 2016

*I send greetings to all those observing World Plumbing Day.*

*No matter who we are or where we come from - whether it's from the world's highest peaks or its lowest valleys - we all have responsibilities to one another and to the one planet we share. When hundreds of millions of people from around the globe are denied access to clean water or proper sanitation, their suffering not only tears away at our common humanity, but also at the brighter future we hope to secure for our children and grandchildren.*

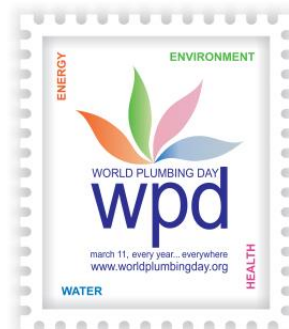
*By developing creative and innovative methods to access safe, clean, and reliable water sources and environments, plumbers and other trained professionals are helping shape a healthier, more sustainable reality - one where a person's circumstances do not limit their ability to make of their life what they will. This World Plumbing Day, let us recommit to building a world where people from all walks of life are afforded the basic rights they deserve as human beings.*

**Barack Obama**

### Introduction

This year member organisations and consumers from around the globe - including the President of the United States of America (see left) - rallied to support, promote and celebrate World Plumbing Day 11 March, 2016.

President Barack Obama acknowledged the important work of plumbers around the world in their efforts to provide safe, clean and reliable water sources for ours and future generations.



Forty percent of the world's population still does not have access to proper sanitation, a working sewerage system or safe drinking water. While in some countries the primary focus is the development of new technologies, there are still too many countries without the basic services others can take for granted.

On World Plumbing Day we not only recognise our work at the local level, but we are reminded that our efforts have global impact. Water is a finite resource for all of us and it is our responsibility to ensure we use it wisely, responsibly and sustainably for future generations.

### The globe celebrates World Plumbing Day

As we celebrated World Plumbing Day around the world, the use of social media as an awareness tool seems to be increasingly popular and successful. Member organisations took to Twitter and Facebook with great gusto to promote World Plumbing Day. Your feedback describes record traffic on these websites with plumbers, manufacturers and consumers 'liking' and 'retweeting' our fantastic water messages.

### Australia

In Victoria, the Plumbing Industry Climate Action Centre (PICAC) hosted a key industry forum opened by the Lord Mayor of Melbourne, the Right Honourable Robert Doyle. In his opening address, the Lord Mayor praised PICAC's technology, skills and environment focus, designed to keep the State's plumbers abreast of the latest plumbing technologies to ensure the city of Melbourne retains its mantle as a world leader in water sustainability and conservation.



PICAC presented the Water is Life Exhibition, on behalf of ZVSHK alongside its WPD key industry forum

An apprentice skills competition also ran throughout the day, attracting competitors from as far north as Queensland. The plumbing top prize was awarded to Dale Bux with first place for the sprinkler fitting competition to Odin Daniels. The PICAC event also featured a *Water is Life* art exhibition, attracting more than 500 visitors. The event was proudly supported by the International Association of Plumbing and Mechanical Officials.

The Master Plumbers' Association of Queensland hosted the industry's biggest



PICAC CEO and WPC Deputy Chair, Shayne La Combre, PICAC Director Carmel Coate, Lord Mayor of Melbourne Robert Doyle, PICAC Deputy Chair Ken Gardner, Victorian Building Authority Deputy Chief Commissioner Justin Madden, PICAC Chair Earl Setches and Parliamentary Secretary to the Special Minister of State and Parliamentary Secretary for Transport, Shaun Leane

breakfast to mark World Plumbing Day. At the event, the Premier of Queensland, the Hon. Anastacia Palaszczuk announced the appointment of the State's first Ambassadorship for Women in Plumbing to local plumber and blog author of the Plumbette, Rebecca Senyard. Rebecca is one of just 46 female plumbers among 16,000 plumbers state-wide, and wants to see more young girls choose plumbing as a rewarding profession. The Minister for Housing and Public Works, the Hon. Mick de Brenni, was also in attendance, along with 360 guests.

In Western Australia, the Master Plumbers and Gasfitters Association held a breakfast and race day at Ascot race course. Guests arrived in their finest suits and frocks, with Helen Williams from Pretl and Williams and Brad Cheeseman from Rheem named best dressed. Local newspaper and social media coverage encouraged the public to 'hug a plumber' and say thanks to the state's hard working 'sanitation guardians'.



*Master Plumbers & Gasfitters Association of Western Australia CEO Murray Thomas, left, Water Corporation CEO Sue Murphy and MPA Skills Field Officer and former Australian Football League star Brett Peake marked the occasion with a photo opportunity at Water Corporation's Perth headquarters*



*The Mayor of Ottawa, Jim Watson (left) with WaterAid Canada CEO Nicole Hurtubise accepting the CIPH National Water Wise Award from Claude Des Rosiers of Boone Plumbing & Heating Supply Inc. on behalf of CIPH*

### Canada

The Canadian Institute of Plumbing and Heating awarded *WaterAid Canada* with the inaugural National Water Wise Award, for their efforts to improve access to safe water and sanitation in the world's poorest communities. The award is designed to raise awareness of the community's relationship with our most precious resource, and to find ways to conserve household water use day to day. The message was conveyed across the nation via social media (3,900 twitter followers), a story in a national newspaper and a French language video.

The winner of Canada's most water-wise school was Mount Royal University, with students creating an exciting roof top multifunctional water collection site for the school's greenhouse. Capable of capturing 7,980 litres of storm water each year, the green roof has an elaborate plumbing system designed to filter the water and direct the effluent to the campus' plants in the greenhouse. The project shows great potential to use the technology to irrigate all of the plants around the campus without the need to use the city's treated drinking water.

The Institute also held a colouring competition with the winning artists, brother and sister duo Niya and Evan Kashuba of Vernon, each receiving an iPad Mini.

### United States

Plumbing Manufacturers International marked World Plumbing Day 2016 by highlighting the potential dangers of opportunistic premise plumbing pathogens that can develop in water systems and cause disease. Virginia Tech professor Marc Edwards warned that with the introduction of new water systems and water sources, such as recently occurred in Flint, it is essential that a precautionary approach is applied with a need for greater research and testing to properly safeguard public health.

Staff from the International Association of Plumbing and Mechanical Officials (IAPMO) took the important message of World Plumbing Day to local schools, teaching young children the importance of water conservation.

### United Kingdom

The Chartered Institute of Plumbing and Heating Engineering called on the industry to promote continued excellence in plumbing by strengthening education programs from apprentice to professional level, highlighting the benefits to make plumbing an attractive career path for school leavers, and to protect the public from rogue operators using unsafe practices.

A study published to coincide with World Plumbing Day revealed that the majority of Britains are placing unsuitable items in toilets and sinks, making the need for greater education about plumbing to extend to consumers. The most common item causing blocked drains are flushable wipes, followed by pouring fat, oil and grease down the sink.

Fifteen students from Trowridge and Salisbury campuses competed in a timed assessment to install a basin and pipework in an hour. The winner will receive a toolbox valued at GBP300 (USD435.00).

In Scotland and Northern Ireland, the Scottish and Northern Ireland Plumbing Employers' Federation hosted a competition on Twitter asking users to identify five prominent public toilets in their region, which was very successful.

British-based global distributor, Studor Ventech, made a donation to the Drop Dead foundation to support their valuable work in India repairing minor plumbing problems such as leaking taps, at no charge to consumers.



*Carter Plumbing of Indiana, USA promoted World Plumbing Day by placing this sign in front of their business where 35,000 pass by everyday*



# World poster contest



Winners of the Canadian Institute of Plumbing and Heating WPD Poster Competition Niya & Evan Kashuba were each awarded an iPad Mini

Children across the world were invited to sharpen their pencils and crayons to enter the competition to design posters celebrating World Plumbing Day 2016.

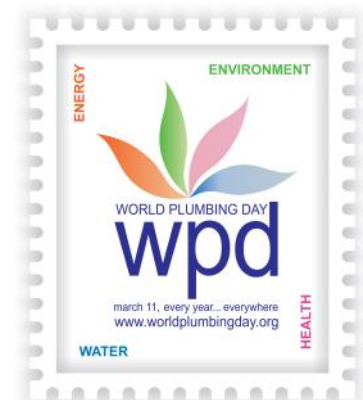
Here, we are highlighting just a few of the hundreds of entries received.

A judging panel, comprised of plumbing industry experts from the International Association of Plumbing and Mechanical Officials Backflow Prevention Institute and the publishers and staff of the Backflow Prevention and Plumbing Standards magazine plumbing installers, had the difficult task of selecting thirty-three finalists from hundreds of fantastic entries. Illustrated here is just a very small selection.

Winners of the World Plumbing Day International Poster Competition were selected and announced at the 2016 World Plumbing Council General Meeting on 27 April in Warsaw, Poland. Full details will be published in the next WPC REVIEW.



Corinaldi Avenue Primary School in Jamaica asked its students to design a poster for World Plumbing Day. This is just one, from 11-year-old Tresean Manderson



The Indian Plumbing Association produced this poster to support World Plumbing Day



IAPMO Group employees' children celebrating World Plumbing Day in the USA

# There is no sustainability in plumbing without you

WPC 2016 is on 15th and 16th September 2016 at the Cape Town International Convention Centre, South Africa

Sanitation, or a lack thereof, is one of the biggest issues facing the developing world right now and all that is standing between millions of people and death is you, the plumber.

So, are you registered for WPC 2016? If not, why not?

Kevin Wellman, CEO of the UK's Chartered Institute of Plumbing and Heating Engineering (CIPHE), says, "The sharing of best practices and the promotion of technological advances do a great deal to improve public health and safeguard the environment. I have no doubt that our collective efforts really do make the plumbing world a much better (and safer) place."

WPC 2016, hosted by the Institute of Plumbing South Africa, will provide a platform for engineers, plumbers, plumbing merchants, architects, and property developers in all spheres of government the private sector to engage on matters that ensure plumbing and smart standards guide and direct the industry and government in delivering water and sanitation to all.

WPC 2016's theme is 'Regulations for sustainable plumbing – a case for international standards', and it rests upon for pillars: Energy – Sanitation – Environment – Water. A wealth of local and international speakers will share their knowledge and facilitate the discussions, of which YOU, the delegate, will be an integral part, especially if we are to succeed in moving the plumbing industry onwards and upwards.

## What will it cost?

Register between 1st May and 15th September, and you pay US\$ 950, while your partner pays US\$ 650.

For more information, go [www.worldplumbing.org](http://www.worldplumbing.org) | [www.wpc2016.co.za](http://www.wpc2016.co.za)

Email: [wpc2016@waterislife.org.za](mailto:wpc2016@waterislife.org.za) | [wpc2016@interactmedia.co.za](mailto:wpc2016@interactmedia.co.za)



## Community Plumbing Challenge 2016

WASSUP Diepsloot welcome Community Plumbing Challenge 2016

Hot-on-the-heels of last year's pilot project at School 125 in Nashik, India, preparations for the 2016 Community Plumbing Challenge are well underway.

From 14th to 22nd March, a team of plumbers and designers, representing IAPMO and Healthabitat, travelled to the township of Diepsloot (north of Johannesburg) in Gauteng Province, South Africa, to connect with WASSUP Diepsloot: the Water Amenities and Sanitation Services Upgrade Programme. WASSUP is a community organization that repairs and maintains communal toilet facilities in Diepsloot, primarily in the Extension 1 neighbourhood.

Facilitated by Sticky Situations – an outcome of the 2007 'Global Studio' Architecture initiative – WASSUP have collaborated with Australian NGO Healthabitat to create an ongoing 'Sanitation Studio' project in Diepsloot since 2013, via additional support from WorldSkills Foundation.

Based on these existing partnerships, the WASSUP-Healthabitat Sanitation Studio project has been identified as the platform through which the 2016 Community Plumbing Challenge will be delivered. It is proposed that the event, scheduled for 9th to 15th July 2016, will challenge participants to repair and upgrade a variety of damaged communal toilet facilities selected from specific sites around the streets of Diepsloot, with the intent of returning them to local residents fully operational in order to dispose of waste water safely. Some of

the best young talents from across the international plumbing industry will be welcomed to Diepsloot in July, joining with the WASSUP team to work on a series of collaborative challenges to support their critical community work.

Speaking during the recent visit, Grant Stewart, International Project Manager for IAPMO said, "We are very excited to bring the next Community Plumbing Challenge to Diepsloot, building connections with local groups including WASSUP, Diepsloot Arts & Culture Network (DACN) and Institute of Plumbing South Africa (IOPSA) plus our international colleagues from Healthabitat. With their guidance, step by step, we are putting exciting plans in place to deliver a unique, hands-on collaboration later this year. It will offer participating CPC Teams an incredible personal and professional development experience on the one hand, but also, more importantly we hope, help the ongoing work of WASSUP continue to expand in a sustainable way and continue



WASSUP at work

Photo: IAPMO



Photo: IAPMO



to improve living conditions and public health in the Diepsloot community.”

The Community Plumbing Challenge Organizing Team is currently in the process of distributing design briefs and further general information for international participants who wish to join the July event. A further showcase of the programme will also be presented at the upcoming World Plumbing Conference in Cape Town, this September.

If your organization is interested in collaborating with the Community Plumbing Challenge programme, or discussing ideas for similar activities in your home country/region, please contact World Plumbing Council at [secretariat@worldplumbing.org](mailto:secretariat@worldplumbing.org)

Further background on the ongoing WASSUP-Healthabitat Sanitation Studio programme can be found here:

<http://www.healthabitat.com/blog/categories/south-africa>

## ISH India powered by IPA

*To be launched in India by 2017*

Two of the world's most renowned exhibition organisers, Messe Frankfurt and NürnbergMesse have joined forces with leading Indian organisations such as Indian Plumbing Association (IPA), Indian Society of Heating and Refrigeration Engineers (ISHRAE) and Fire & Security Association of India (FSAI). From 2017 onwards 'ISH India powered by IPA' will be a part of the new established "Build Fair Alliance" in India, alongside existing leading fairs targeting building technologies, organized by NürnbergMesse India, such as ACREX India (23 to 25 February 2017), FENSTERBAU FRONTALE INDIA (FFI) and – 2017 for the first time – FIRE & SECURITY INDIA EXPO (FSIE).

"ISH India powered by IPA is another important step in our internationalization strategy and will strengthen our presence in one of the world's most important growth regions," says Wolfgang Marzin, President and Chief Executive Officer of Messe Frankfurt.

While the strategic partnership with IPA, ISHRAE and FSAI will attract their members to showcase expertise in their respective fields, the organisers Messe Frankfurt and NürnbergMesse will combine their strengths, expertise and global network to create an international standard business platform.

India's smart cities project, proposed to be equipped with infrastructure that offer a good quality of life through smart solutions, have attracted funding of INR 480 billion (US\$7.1 billion) while the Atal Mission for Rejuvenation and Urban Transformation (AMRUT), has acquired a total funding of INR 500 billion (US\$7.4 billion) from the government. The partners believe 'ISH India powered by IPA' targeting architects, interior designers, urban development planners, decision makers from real estate, housing and construction industries, government and local authority officials, investors and local authorities, plumbing consultants & contractors will create a technology roadmap suited for urban renewal and town planning.

Making its debut in 2017, 'ISH India powered by IPA' will place strong emphasis on integrated room automation, advanced kitchen and bathroom solutions, water metering and plumbing installation technologies.

The biennial ISH event in Frankfurt, Germany, is held from 14 till 18 March 2017, with around 2,400 exhibitors and almost 200,000 visitors, it is the world's leading trade fair in its sector

For more details about the global ISH brand, please visit: [www.ish.messefrankfurt.com](http://www.ish.messefrankfurt.com)

## IAPMO India, WQA India Sign MOU to collaborate on certification program for drinking water treatment systems

*IAPMO India and Water Quality India Association (WQA India) have entered into a memorandum of understanding (MOU) establishing an agreement to collaborate on the administration of the Certification Scheme for Drinking Water Treatment Systems that Make Microbiological Reduction Claims.*

WQA India, an independent, not-for-profit organization dedicated to water quality improvement, has developed a microbiological standard for evaluation of water treatment devices that make claims of microbiologically safe water. Products meeting this standard will be given the "Seal of Purity" by WQA India. This will be an important differentiator in the marketplace between compliant and non-compliant products.

IAPMO India, which operates successful certification programs for the plumbing industry, will now undertake certification of products seeking listing to the new microbiological standard. Some of IAPMO's better known certification programs include Uniform Illustrated Plumbing Code – India (UIPC-I), Uniform Mechanical Code – India (UMC-I), Uniform Solar Energy Code – India (USEC-I), and Water Efficient Products – India (WEP-I) standards

"IAPMO is excited to partner with WQA India on this effort," said Tom Palkon, IAPMO Senior Vice President – Water Systems. "Product testing and certification of water treatment equipment provides consumers added confidence in products they purchase to protect their family."

Point-of-use systems for drinking water treatment are used in households to alleviate health risks by reducing numerous potential disease-causing contaminants, including bacteria, viruses, and disinfectant resistant parasites. The new certification scheme, which conforms to ISO/IEC 17067 "Conformity



Assessment – Fundamentals of Product Certification and Guidelines for Product Certification Schemes,” establishes standards by which such products’ reduction claims may be measured and certified as satisfying.

“Microbiological impurities, such as bacteria and viruses, are the number one cause of waterborne diseases and infant deaths in India,” said Rajul Parikh, President, WQA India. “WQA India has launched a product certification program, which will certify that the product in question meets with stringent microbiological norms. Such complying products will be marked with a unique “Seal of Purity,” easy for the customer to recognize. WQA India plans to offer newer certifications in the future, testing water purifiers to different standards, and will be collaborating with IAPMO toward this goal.”

#### **About IAPMO India**

IAPMO Plumbing Codes and Standards India Private Limited (known as IAPMO India) was founded in 2007 with offices at Bengaluru and Pune. IAPMO India and the Indian Plumbing Association (IPA) began, and continue to foster, a strong and essential partnership to better provide for the industry. The latest and most comprehensive plumbing codes and training and education programs for code-based plumbing installations and maintenance for all of India developed from this partnership.

#### **About WQA India**

The Water Quality India Association is a legal entity in the Republic of India. This not-for-profit entity was incorporated on Sept. 16, 2014, under the Indian Companies Act and has been promoted by the members of India Task Force of Water Quality Association (WQA). This not-for-profit entity collaborates with the Water Quality Association USA (WQA), but functions independently.

### **Dates for Your Diary** **World Plumbing Day,** **March 11 Every Year, Everywhere**

**World Plumbing Council Triennial General Meeting**  
Capetown, South Africa September 14, 2016

**International Emerging Technology Symposium**  
The Westin O'Hare, Rosemount, Illinois, USA, May 10-11, 2016

**World Plumbing Council Triennial Meeting**  
Capetown, South Africa September 14, 2016

**11th World Plumbing Conference & Expo**  
Capetown, South Africa September 15 – 16, 2016

**IAPMO 87th Annual Education and Business Conference**  
Albuquerque, New Mexico, September 25 – 30, 2016

**2016 ASPE Convention & Exposition**  
Phoenix, Arizona, USA October 28 – November 2, 2016

**ISH Frankfurt, Frankfurt, Germany March 14 – 18, 2017**

***Members if you have conferences or events that  
you would like listed here please send the details to***  
[secretariat@worldplumbing.org](mailto:secretariat@worldplumbing.org)

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***The World Plumbing Council aims to unite the world plumbing industry and promote the role  
of plumbing in improving public health and safeguarding the environment for the benefit of all***

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