

“Regulations for sustainable plumbing - a case for international standards”



WORLD PLUMBING CONFERENCE 2016 CAPE TOWN - FINAL CLOSING REPORT

The 11th World Plumbing Conference, a triennial event, was held in beautiful Cape Town, South Africa in September, 2016. The event was hosted by the Institute of Plumbing South Africa (IOPSA).

Under the theme of *Regulations for Sustainable Plumbing – A Case for International Standards*, the event was attended by over 200 delegates from around the globe and was opened by the Deputy Minister of Higher Education and Training, Mduzuzi Manana.

The Conference was chaired by Prof. Mike Muller, Visiting Adjunct Professor at the University of the Witwatersrand Graduate School of Governance and renowned authority in water security.

Conference delegates had the opportunity to hear from three distinguished plumbing professionals in keynote addresses. These speakers focussed on a variety of elements of good plumbing Regulations and Standards; and the vital link between well developed, implementable, and enforceable Plumbing Standards and sustainable levels of safe access to water and sanitation.

A total of 681 attendees of the WPC 2016 Conference

Exhibitor	145
Full Delegate	171
Session Delegate	21
Organisers	13
Other/ Unassigned	43
Media	4
Skills	18
Students	120*
Visitors	146

*Schools were scanned as students and not individuals

KEYNOTE SPEAKERS

**Dr Doulaye Kone
Bill & Melinda Gates
Foundation**

“The human right to having access to water and sanitation, the impact on energy and health within the framework of the UN resolutions post 2015 and the role of regulations for sustainable plumbing as well as the role of plumbing design and installation.”

**Shayne La Combre
Chief Executive Officer,
Plumbing Industry Climate
Action Centre**

“Cost efficient methods and innovations in the provision of fresh water and sanitation, together with the impact on health and energy, to all people within the framework of the UN resolution, post 2015, and regulations to be cost effective and efficient for sustainable plumbing.”

**Dave Viola
Chief Operating Officer,
IAPMO Group**

“The effect of global warming on water supply, water recycling and alternative methods for sustainable plumbing and the impact on the nature of regulations going forward.”

BREAKAWAY SESSIONS

ENERGY

Chaired by:
**John Joseph,
Principal
Consultant and
Managing Director,
John Mech-EI
Technologie**

SANITATION

Chaired by:
**Sun Kim,
Programme Officer,
The Bill & Melinda
Gates Foundation**

ENVIRONMENT

Chaired by:
**Erwin Reisch,
Chief Executive
Officer, Gentner
Verlag**

WATER

Chaired by:
**Domenico
DiGregorio,
President, Plumbers
Without Borders**

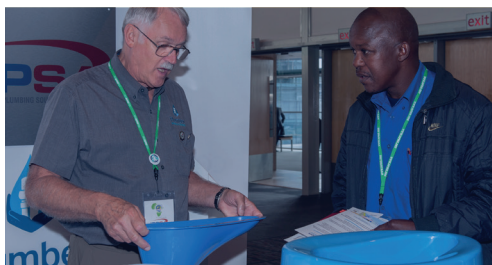
Outcomes following breakaway sessions:

- Establishment of compulsory standards and enforcement thereof
- Promotion of the plumbing industry to end users, such as consumers, regarding health and safety and the role of the plumber
- Better thinking about water storage and collection as well as opportunities for plumbing to expand their businesses into this area
- Better regulations for water efficiency labelling systems
- Improved training from leak fixing all the way to master plumbers and everything in between, such as solar and heat pump installation



SKILLS SIMULATION

The skills simulation provided an opportunity for local students to experience plumbing hands-on. The interactive display was enjoyed by both the students participating and visitors observing.



COMMUNITY PLUMBING CHALLENGE

A highlight for many was learning about the Community Plumbing Challenge, which was held in South Africa in 2016. The Community Plumbing Challenge is a joint initiative between the World Plumbing Council and IAPMO. The Challenge provides education and training opportunities for members of host communities and the participants.



World Plumbing Conference 2016 Exhibition



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EXHIBITORS

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Valsir

SKILLS SIMULATION

Nick Joubert
Steve Brown
Bianca Brown
Gary Macnamara

THANKS AND APPRECIATION

OFFICIAL BODIES

Institute of Plumbing SA
and regions
World Plumbing Council
Energy and Water SETA
Community Plumbing
Challenge (Healthabitat,
IAPMO, WPC, competing
countries)

GOVERNMENT

M Manana,
Deputy Minister of Higher
Education & Training

CONFERENCE CHAIRS AND SPEAKERS

Prof. Mike Muller
John Joseph,
John Mech-El Technologie,
India

Sun Kim,
Bill & Melinda Gates
Foundation, USA

Erwin Fidelis Riesch,
Gentner Verlag, Germany

Domenico DiGregorio,
Plumbers without Borders,
USA

Dhesigen Naidoo,
Water Research
Commission, RSA

Dr. Sadvir Bission,
Executive Standards
SABS, RSA

Dr. Doulaye Kone,
Gates Foundation, USA

Shayne La Combre,
PICAC, Australia

Dave Viola,
IAPMO, USA

Dr. Alberto Fossa,
Abrinstal & Newen, Brazil

Ian Isaacs,
City of Cape Town, RSA

Clyde Koen,
City of Cape Town, RSA

Frans Alfemink,
Wavin, Netherlands

Lawrence Benatar,
Benetar Consulting, RSA

Jay Bhagwan,
WRC, RSA

Jonathan Cooper,
Polypipe, UK

Nina Viljoen,
City of Cape Town, RSA

Aden Veldsman,
City of Cape Town, RSA

Deon Pohorille,
SA Leak Detection, RSA

John Telford,
Calcanite Industrial
Holdings, RSA

Frederick J Schilling,
Plumbers without Borders,
USA

Evert Swanepoel,
Copper Development
Association

George N Thomson,
British Plumbing
Employer's Council
(Training), UK