



COMMUNITY PLUMBING CHALLENGE



Diepsloot, South Africa

9th – 15th July, 2016

INFORMATION PACK



INTRODUCTION

WELCOME TO DIEPSLOOT



Welcome to our township home of Diepsloot!

We at WASSUP (the Water, Amenities and Sanitation Services Upgrade Programme) and DACN (the Diepsloot Arts and Culture Network) will be your hosts for the CPC 2016 programme, and are very happy for you to visit and share your ideas for solutions to the problems we are facing in our communal sanitation.

Diepsloot is our home: we will share with you our love for our home, and hopefully you will learn to love it with us. We celebrate life, especially because life is sometimes tough. Our streets and our spaces are alive with spoken word, hip-hop, visual arts and performance.

The conditions we battle are not unique across Southern Africa, however every location brings a certain uniqueness to the challenge. In the instance we find ourselves today, and have been in for some time, our challenge is plumbing. For example, the area of Diepsloot where we work – known as ‘Extension 1’ – has a water-borne sanitation system where anywhere between 13–35 households share each single ablution facility. In other areas of Diepsloot people have access to drop-toilets, and in other areas people have no access to toilets at all.

For WASSUP, work is tough. There is no electricity, often the water is turned off, streets are hard to access with running sewerage and overflowing storm water drains. We don’t always have funding, and we have to work hard to keep up the maintenance, without which high volume use turns toilets into useless structures. But we keep going because we believe adequate sanitation is a human right.

For DACN work is also tough, but fun. We try to source funding for arts programs with a particular focus on programs for our youth, directing their energy towards productive pursuits. Our visual artists are talented, but it is often hard to find opportunities for them. We hold performance programs such as ‘Arts In Action’ to showcase the talent we have here in Diepsloot – which this year will be held in association with the Community Plumbing Challenge event, building up to the annual Mandela Day celebrations.

We look forward to you joining us here and sharing your ideas, skills, thoughts, culture, language... and at the end of it, a hard-earned beer!

See you in July!

WASSUP + DACN



TEAMS

ROLES AND RESPONSIBILITIES

Community Plumbing Challenge 2016 will combine multi-discipline Teams, with a cross-section of expertise expanding on the skills pathway and career options for Plumbing apprentices and professionals in South Africa, and around the world. Teams will work in close collaboration with the WASSUP group during their time in Diepsloot.

Each Team must have Members with one or a combination of the following technical skills:

Plumber (2 persons)

These Team Members...

- Are responsible for hands-on plumbing installation during the Challenge, including (but not limited to) pipework, taps, pan, cistern and water.
- Must inform design and planning work from a plumbing perspective.

Metal Fabricator/Welder (1 person)

This Team Member...

- Is responsible for hands-on fabrication and welding during the Challenge, including (but not limited to) construction of door, plus lock and catch mechanism.
- Must inform design and planning work from a fabrication perspective.

Architect/Engineer (1 person)

This Team Member...

- Is responsible for research and advice on fixtures and fittings fit for purpose to deliver a durable, low maintenance and cost effective facility.
- To work collaboratively with the Team to develop robust detailing for the overall installation.
- Oversee documentation and communication of ideas/solutions, using appropriate software and in collaboration with the Digital Fusion Design Hub.

Each team should have four Team Members on site, combining in the most effective way to represent each of the skill sets described above. The composition of the Team and balance of roles is at the discretion of respective Team Leaders/Organizers.

All Team Members will contribute to community group presentations

Age limit

Team Members should not be older than 28 years in the year of the CPC, i.e. in 2016. This means that an individual's birthday must be on or after 1st January 1988, and not before. Should any Team wish to include a person who is an exception to this rule, we invite them to contact the CPC Organizing Team to discuss.

Team Leaders (2 persons)

Team Leaders are the primary contact for the Team in the lead up to the CPC, and chief representatives for the Team when in South Africa. Additional roles and responsibilities will be assigned to Team Leaders onsite, in order to form a collaborative group, and this will be organized in the lead up to the event.



SCHEDULE

PRE-WORK: MAY TO JULY, 2016

DATE	TIME	DETAILS
End April 2016	n/a	Brief release.
		Information Pack release.
May 2016	Ongoing	CPC Organizing Team on standby for all questions and queries.
		Announcement of awards and special prizes.
Fri 27.05.16	End of day	Deadline for confirmation of Team participation.
Mon 30.05.16	Ongoing	Online introductions and briefing sessions for Teams begin.
		Draw to reveal toilet unit pairs assigned to each Team (each Team to be provided with two units from the group of fourteen units replaced by the WASSUP/Healthabitat team in March 2016).
Fri 24.06.16	End of day	Deadline for Procurement Lists (to be discussed case-by-case, above)
Fri 24.06.16	End of day	Deadline for Brief submission (Part 1)



SCHEDULE

EVENT: 9–15 JULY, 2015

DATE	TIME	DETAILS
Fri 08.07.16	All day	Team arrivals, Johannesburg
Sat 09.07.16	AM	Team arrivals complete
	Afternoon	Familiarization visit and site inspection, Diepsloot
	Evening	Welcome reception and Team dinner at Venue TBC
Sun 10.07.16 (Day 1)	All day	Onsite at Diepsloot CPC Hub. Briefing and tasks (part 1)
	All day	Event open to public and local residents.
	Evening	Team free time (own dinner arrangements)
Mon 11.07.16 (Day 2)	All day	Onsite at Diepsloot CPC Hub. Briefing and tasks (part 1 cont, and 2)
	All day	Event open to public and local residents.
	Evening	Team free time (own dinner arrangements)
Tue 12.07.16 (Day 3)	All day	Onsite at Diepsloot CPC Hub. Briefing and tasks (part 3)
	All day	Event open to public and local residents.
	Evening	Team free time (own dinner arrangements)
Wed 13.07.16 (Day 4)	All day	Onsite at Diepsloot CPC Hub. Briefing and tasks (part 5)
	AM	Team A install units in Diepsloot location TBC (part 4)
	Afternoon	Cultural Excursion TBC
	Evening	Team dinner at Venue TBC
Thur 14.07.16 (Day 5)	All day	Onsite at Diepsloot CPC Hub. Briefing and tasks (part 5 cont.)
	AM	Team B install units in Diepsloot location TBC (part 4)
	PM	Team C install units in Diepsloot location TBC (part 4)
	Evening	Team free time (own dinner arrangements)
Fri 15.07.16 (Day 6)	All day	Onsite at Diepsloot CPC Hub. Briefing and tasks (part 5 cont.)
	AM	Team D install units in Diepsloot location TBC (part 4)
	PM	Team E install units in Diepsloot location TBC (part 4)
	Evening	Farewell Presentation and Team dinner at Venue TBC
Sat 16.07.16	All day	Team departures, Johannesburg

Detailed daily Schedule will be communicated to Team Leaders in June 2016.



ASSESSMENT

OVERVIEW

WASSUP will be the lead assessors of all work submitted, supported by the Community Plumbing Challenge Organizing Team as and when appropriate.

Based on feedback from the 2015 event in Nashik, India, for the 2016 event in Diepsloot we are proposing that Teams will contest a range of awards that recognise various technical tasks and creative aspects of the Brief, rather than following an assessment scheme that identifies a single 'winner'.

These awards will be presented by various stakeholders/groups involved in the project, and may include (but are not limited to):

- Sanitation Studio Award (best Team engagement, best Team to work with), presented by WASSUP.
- People's Choice Award (a public vote, ongoing throughout the week, presented to a favourite Team or individual) presented by DACN
- Healthy Living Environment Award (best architectural approach considering the 9 Healthy Living Principles) presented by Healthabitat.
- Sustainable Design Award (best use of software and ITC resources) presented by Autodesk.
- Plumbing Prize (best application of Plumbing in the event) presented by IAPMO/World Plumbing Council.

Finally, an award for the best performing new units installed after approx. 2 months trial in Diepsloot (mid-July to mid-Sept) will be announced at the World Plumbing Conference in Cape Town between 14–15 Sept, 2016.

Further details regarding awards and special prizes up for grabs during Community Plumbing Challenge 2016 will be communicated to Teams between May and July.



LOGISTICS

OVERVIEW

Accommodation

Teams will be based at Indaba Hotel, Spa & Conference Centre.

Address: William Nicol Drive & Pieter Wenning Road, Fourways, Johannesburg, 2021, South Africa

Phone: +27 11 840 6600

Website: <http://www.indabahotel.co.za/>

Single room: ZAR 1,090 per room per day, bed and breakfast.
VAT included, excluding 1% bed levy (standard government tax).

Double/Twin room: ZAR 1,500 per day, bed and breakfast.
VAT included, excluding 1% bed levy (as above).

Transport

Teams to organize own transport from Airport to Indaba Hotel.
Daily travel to and from Diepsloot CPC Hub is covered and organized by CPC Organizing Team.

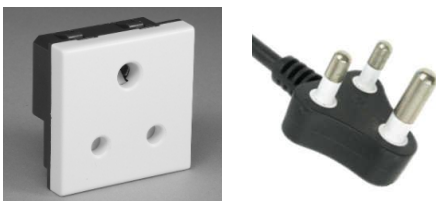
Currency

The currency in South Africa is Rand.

Typical Exchange rate is ZAR 100 : USD 7 : AUD 9 : GBP 4.80 : EUR 6:20

Voltage and Electrical Plug

The voltage in South Africa is 220–240 Volts. The electrical outlet and plug are as below:



Tools

Construction work will be carried out on site. Larger tools for this work will be supplied by the CPC Organizing Team. Other specific hand tools will need to be supplied by Team Members.

A list of necessary tools and personal protective equipment will be developed in discussion with Teams, and shared among the full group during June.



Food

Food is available at the Indaba Hotel to suit various tastes.

Breakfasts will be at the Indaba Hotel each day, while the schedule is open for Teams to arrange their own evening meals for the majority of the event days (see Schedule on page 5).

The CPC Organizing Team will supply lunches at the Diepsloot CPC Hub each day.

Weather

In July, temperatures during the day will typically average 11°C, while night-time temperatures can drop to anywhere from 5°C to 0°C. Rain is uncommon, and sunscreen is particularly advised.

Dress

Teams should wear attire suitable for physical work in weather conditions as described above, i.e. jacket plus t-shirts or work shirts with jeans or comfortable work trousers.

Medication

Team Leaders must notify the CPC Organizing Team of any individual medical conditions and allergies among their group in advance of travelling to Community Plumbing Challenge 2016.

Medicinal products carried within personal belongings do not require declaration upon arrival in South Africa. However, as Customs Officers may perform routine checks, supporting documents should be readily available for verification when requested. For prescription medicinal products, this means a letter from your doctor and/or a copy of the prescription as proof that the products are for personal medical use. The individual must take full responsibility for the use of these medicinal products in accordance with the instructions given by the prescribing doctor.

A First Aid kit will be available onsite during the event, and in case of medical emergencies the CPC Organizing Team will connect with the closest hospital.

Vaccinations

Each Team must ensure that all members of their group are vaccinated to WHO recommendations, before departing their home country.

Insurances

Participating teams must confirm that all applicable travel and medical insurances are in place for all members of their group for the duration of their stay and journey to and from South Africa.

Visas

Team Leaders must ensure that all participants travelling to South Africa have the correct Visa in place, respective of their home country. The choice of Visa is at team discretion. The CPC Organizing Team can provide official letters of invitation or further Community Plumbing Challenge information if required by any Team to support Visa applications.