Wetskills-India (Delhi) 2019

Announcement for participants

'Royal' Wetskills Water Challenge to Delhi, India

Wetskills Foundation and partners invite last year Bachelor, Master, PhD students and graduates to apply for a new Wetskills event in Delhi, India. After two editions in Ahmedabad (Gujarat), Wetskills Foundation has been requested to organize this unique event with a focus on establishing Water Innovation in the City, aligned to a water experience lab at the Barapullah Drain in Delhi. This event will be organized during the Royal State Visit of the King and Queen of The Netherlands to India and a visit of large business delegation focusing on innovative solutions in the field of water, agriculture, health and key enabling technologies from The Netherlands in presence of several Dutch ministers.

Would you like to experience working in international teams and experiencing the culture of Indian subcontinent? Do you have a creative mind and capable of designing game changing ideas and alternative strategies? Can you think further than just a first idea and are you passionate about water and circular solutions? Join Wetskills-India

Wetskills-India 2019 (Delhi): 5-17 October 2019.

Theme: Stimulating Water Innovation in the City – Development of a Water Experience Centre at the Barapullah Drain in Delhi (aligned to the new Research and Experience WETLAB).

Finals at Tech Summit in Delhi

Application (online) and first selection deadline: 15 August

Afterwards every week a selection of the new applications till the program is full. (First Come, First Served)

What is Wetskills?

In the Wetskills programme, the participants will work in mixed and multidisciplinary teams of four to five people, to develop innovative concepts to the case studies provided by the water sector during an extensive two-week program.

The program will start with team building activities for the first days to allow participants to get to know each other. This includes field trips to water-related and cultural sites. An intensive period will follow that will focus on working on the assigned study case. International Wetskills and local supervisors will guide you during the weeks and facilitate your team to find its own innovative concept. Finally, the teams will pitch their results during a special Wetskills seminar aligned to the Tech Summit (Delhi, 15-16 October 2019). The winning teams will be announced and awarded then as well.

Since 2010, more than 700 students and young water professionals from about 150 international universities and organizations have participated in almost 40 Wetskills Water Challenges organized in Asia (China, South Korea, Taiwan, The Philippines, Indonesia, Kyrgyzstan, Bangladesh and India), North Africa & Middle East (Iran, Oman, Morocco, Israel and Egypt), Sub-Saharan Africa (South Africa & Mozambique), Europe (United Kingdom, Romania & the Netherlands North America (Canada, United States & Mexico) and Latin America (Colombia).

More information: www.wetskills.com

Wetskills-India (Delhi) 2019

Announcement for participants

Who can apply?

Any Young Water Professionals (up to 5 years of working experience) and last year Bachelor, Master or PhD student from Indian and internationals universities or organizations with passion for water and intercultural teamwork.

How can I apply?

Prepare a motivation letter and resume, go to www.wetskills.com, fill out the online application form and submit it.

Selection criteria

The Wetskills organization will make a final selection among applications received, based on quality of motivation & resume.

What are the costs?

The participation fee for international participants is € 125,- (excl. VAT). This participation fee includes accommodation, teambuilding activities, some lunches & dinners, field trips, workshop, supervision, trainings and working venues. Participants are responsible for their own travel expenses (plane tickets, local travel, etcetera), meals during working days and other personal costs.

For local applicants who do not need accommodation arrangements, the participation fee is € 20,-.

During past editions participants often successfully arranged financial compensation for their Wetskills participation from their university or employer. We therefore strongly encourage applicants to inquire about funding opportunities to compensate the costs (university mobility funds, travel allowance etc.).

What do I get?

A unique learning experience where you will tackle real-world water challenges!

- You will increase your skills in: international cooperation; problem solving, cross-cultural and interdisciplinary teamwork, networking and presenting (pitch & poster);
- You will get the opportunity to connect with other international water students/young professionals;
- You will visit Delhi; water-related sites & water professionals;
- You will learn and experience more about the Indian water sector, its main stakeholders and organizations, contemporary issues and current business opportunities;
- You will receive a certificate of participation upon completion of the program.

More information

Send an email to Johan Oost at johan.oost@wetskills.com or visit our website.

Main theme

Stimulating Water Innovation in the City
Development of a Water Experience Centre at the Barapullah Drain in Delhi.

Case 1: Citizen Science

A very important aspect for a successful clean up of a drain is community development. Having just "end of pipe solutions" isn't enough as there is no awareness on water at a grass root level. Therefor public needs to become aware on what is happening at the drain and learn more about the different aspects of water and circular solutions that of course fit in their daily needs. This is not just a matter of creating a physical attractive venue but also finding ways of getting public involved (citizen science), like setting up a community for example where mentoring is part of the system or getting public involved by gathering data so that they directly contribute for rejuvenating the drain. How can the WETLAB become a dynamic place with public involvement to stimulate cleaning the Barapullah Drain?

Case 2: Technological- and non-technical solutions needed at the Barapullah Drain

The WETLAB is focusing on wastewater technologies and reuse. This is just one part of the puzzle. What else is needed on innovative technologies to rejuvenate the drain: Technologies for monitoring & sensoring, removing solid waste, waste water technologies for upstream pollution and technologies for climate adaptation like water storage and rain water harvesting? How can we design an integrated approach for rejuvenating the Barapullah Drain based on these aspects and make it climate proof?

Case 3: Creation of an experience center

A WETLAB as testing facility has the potency to inspire people from all generations. The current temporary venue of the WETLAB is not attractive to inspire citizens to come, although it is located in a green area, even marked as nature reserve downstream. How can the WETLAB become an attractive place for public and schools in the nearby area so that they get a better understanding on water and circular issues? What kind of experiments can they do and how to transform the current venue into an attractive "experience center"?

Case 4: Entrepreneurship and knowledge exchange

A WETLAB testing facility is a great vehicle to stimulate applied research, leading to development of new products, marketing these products and creating of start-ups. Also existing businesses can use a WETLAB to test and pilot their technologies in the Indian practice. There are many examples worldwide how such testing facility work under which goals and circumstances. How can the WETLAB at the Barapullah Drain in India create such an an atmosphere that Indian, Dutch and European companies will come over to the site and start piloting and testing?

More information: www.wetskills.com