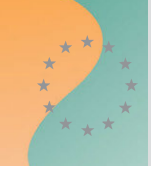


# IFAT 2014

## Events and Activities



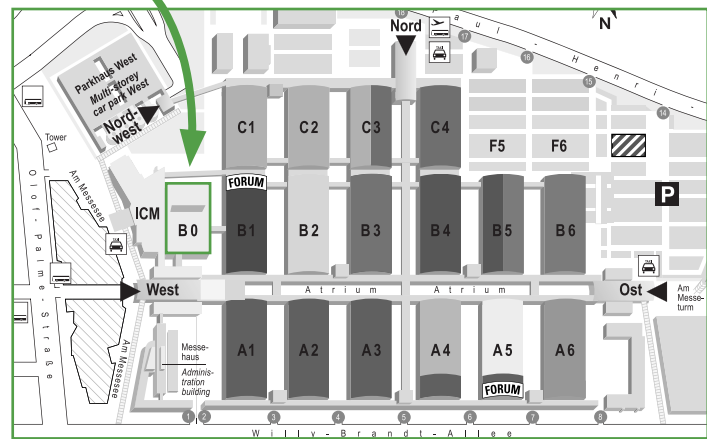
[www.ifat.dwa.de](http://www.ifat.dwa.de)



# Think Green – Think Future

## Research/Training/Human Resources

Hall B0



- Lectures
- Universities' presentations
- JOBCENTER
- WASH-Network
- Young Water Professionals' Programme
- Young Professionals' Lounge

### Our Partners

 Bundesministerium für Bildung und Forschung <a href="http://www.bmbf.de">www.bmbf.de</a>	 RAWW	 Deutsche Bundesstiftung Umwelt <a href="http://www.dbu.de">www.dbu.de</a>	 DEUTSCHER LANDKREISTAG <a href="http://www.landkreistag.de">www.landkreistag.de</a>
 DSTGB Deutscher Städte- und Gemeindebund <a href="http://www.dstgb.de">www.dstgb.de</a>	 Deutscher Städtetag <a href="http://www.staedtetag.de">www.staedtetag.de</a>	 Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH <a href="http://www.giz.de">www.giz.de</a>	 DWHG <a href="http://www.dwhg-ev.de">www.dwhg-ev.de</a>
 Umwelt Bundes Amt für Mensch und Umwelt <a href="http://www.umweltbundesamt.de">www.umweltbundesamt.de</a>	 UNEV 10 United Nations Educational, Scientific and Cultural Organization <a href="http://www.unesco.de">www.unesco.de</a>	 UN HABITAT FOR A BETTER URBAN FUTURE <a href="http://www.unhabitat.org">www.unhabitat.org</a>	 UNITED NATIONS UNIVERSITY UNW-DPC UN-Water Decade Programme on Capacity Development <a href="http://www.unwater.unu.edu">www.unwater.unu.edu</a>
 VKU Verband kommunaler Unternehmen e.V. <a href="http://www.vku.de">www.vku.de</a>	 EWA EUROPEAN WATER ASSOCIATION <a href="http://www.ewaonline.de">www.ewaonline.de</a>	 German Water Partnership <a href="http://www.germanwaterpartnership.de">www.germanwaterpartnership.de</a>	 German RETech Partnership Recycling & Waste Management Made in Germany <a href="http://www.retech-germany.net">www.retech-germany.net</a>
			 International Water Association <a href="http://www.iwahq.org">www.iwahq.org</a>

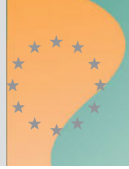
### Special Events at the IFAT

**Introduction to Reuse of Treated Wastewater (DWA-seminar)**  
 07 May 2014, 09:30 h – 17:00 h, Room A 12

**International and National Standards in the Global Water Sector (DWA/DIN-seminar)**  
 08 May 2014, 09:30 h – 17:00 h, Room A 12

The seminars are with costs. Registration is required. The number of participants.

**Information:** Himani Karjala · Tel.: +49 2242 872-244 · Email: karjala@dwa.de



# Hall B 0: Think Green – Think Future – Research, Training, Human Resources

## Session Area 1

with simultaneous translation German/English

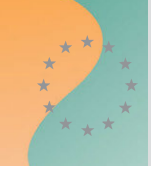
## Session Area 2

Presentation language see remarks

Monday 05/05/2014	<p><b>11:00 h – 13:00 h</b> Day of Municipalities “Floodwater Prevention – a Common Task” with award of the VBI-Prize 2014</p> <p><b>14:00 h – 17:45 h</b> Capacity Development – just Training or more? German Association for Water, Wastewater and Waste, Federal Ministry of Education and Research, German Water Partnership, UN-HABITAT, UNESCO-UNEVOC and UNW-DPC</p>	<p><b>14:00 h – 16:00 h</b> Water Resources for Food Production – Basis for Human Survival in Arid and Semi-arid Areas since Prehistory (Session Language: German)</p> <p>DWhG, DWA Session Language: German</p>
Tuesday 06/05/2014	<p>17<sup>th</sup> International EWA-Symposium “WATEnergyResources – Water, Energy and Resources” <b>09:30 h – 11:00 h</b> Session 1: Energy and Efficiency in Water Supply</p> <p><b>11:30 h – 13:00 h</b> Session 2: Energy and Resource Management in Wastewater Treatment</p> <p>Innovation Forum Water <b>13:30 h – 17:15 h</b> BMBF-TransRisk – Trace Elements in the Water Sector</p>	<p><b>9:30 h – 16:00 h</b> Universities’ presentations – Education and Research in the Water and Waste Management</p>
Wednesday 07/05/2014	<p>17<sup>th</sup> International EWA-Symposium “WATEnergyResources – Water, Energy and Resources” <b>09:30 h – 11:00 h</b> Session 3: Bio-energy and By-product Recovery in Biosolids</p> <p><b>11:30 h – 13:00 h</b> Session 4: Energy and Resource Recovery in New Sanitation Systems</p> <p>Innovation Forum Water <b>13:30 h – 15:30 h</b> Energy efficiency</p> <p><b>16:00 h – 17:45 h</b> Advanced Wastewater Treatment in Practical Application BMBF, DBU, DWA</p>	<p><b>9:30 h – 12:00 h</b> International Waste Management VKU, RETch, DWA (Session Language: English)</p> <p><b>12:30 h – 14:30 h</b> Current Software in the Water Industry (Session Language: German)</p> <p><b>15:00 h – 17:00 h</b> Blended Learning in Environmental Protection – Examples of Implementation (Session Language: German)</p>
Thursday 08/05/2014	<p>Innovation Forum Water <b>09:30 h – 11:30 h</b> GIS/GDI BMBF, DBU, DWA</p> <p><b>12:30 h – 16:30 h</b> Young Water Professionals’ Conference International Water Economies IWA, EWA</p>	<p><b>09:30 h – 12:00 h</b> Water and Energy GIZ, DWA</p> <p><b>12:30 h – 14:45 h</b> DBU-DWA-Knowledge transfer projects – West meets East (Session Language: German or English)</p>
Friday 09/05/2014		<p><b>10:00 h – 12:00 h</b> Germany-Bangladesh – Cooperation in the Water Sector (Session Language: English)</p>

Subject to amendment, as at: 14.03.2014

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## 13<sup>th</sup> Young Water Professionals' Programme (YWP)

Every year since 2001, young engineers from home and abroad have taken part in a one-week excursion and seminar programme, held in English and German. The programme offers the young foreign engineers the opportunity to visit international trade fairs (Water Berlin International and IFAT), to get to know German firms and German knowledge, to network with others and to return home and to their places of work with positive experience.

In the meantime, some 650 young engineers from more than 60 nations have taken part in this programme; many ex-Young Water Professionals are by now active in executive positions. For many years, the programme has been supported by the International Office of the Federal German Ministry for Education and Research (BMBF) and the German Environment Foundation (DBU).



## Young Professionals' Lounge – the place to meet!

Hall B 0, daily from 09:30 h – 17:00 h

The DWA (German Association for Water, Wastewater and Waste) created the “Young Professionals' Lounge” under this motto. For young members of IWA/EWA/DWA and former participants in the Young Professionals' Programme the DWA again creates the opportunity to relax in the lounge and to digest the impressions of the trade fair. Entrance to the lounge is free, but possibly only with previous registration under <http://en.dwa.de/young-water-pros.html>.

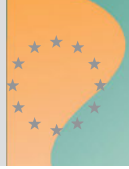


## Young Water Professionals' Conference

08 May 2014, 12:30 h – 16:30 h

Hall B 0, Session Area 1

**Information:** Himani Karjala · Tel.: +49 2242 872-244 · Fax: +49 2242 872-135 · Email: [karjala@dwa.de](mailto:karjala@dwa.de)



## Professional Competition 2014

### 2<sup>nd</sup> Open German Championship in Wastewater Engineering

**Apprentices and job starters under the age of 22 (U22)** compete for the title on Monday and Tuesday, 05/06 May, 2014. There are four contests to be mastered: entering a sewer and securing the manhole in a traffic area (street/road), pump maintenance and repair; measuring, monitoring and control engineering and the monitoring of treatment plants.

**Sewer Professionals and Wastewater Treatment Plant Specialists** compete for the title on Wednesday and Thursday (07/08 May, 2014). Sewer Professionals must prove their ability to enter a sewer and secure the manhole in a traffic area (street/road), pump maintenance and repair. The wastewater treatment plant specialists have to solve tasks in measuring, monitoring and control engineering and monitoring of treatment plants.

Each team consists of three persons.

#### Station 1: Entering a sewer and securing the manhole in a traffic area (street/road)

The participants conduct tasks which are defined as “hazardous work” under legal standards. Knowledge and skills in the appropriate job safety regulations are required. The work process of a safe entry will be examined and assessed.

#### Station 2: Pump maintenance and repair

The task is the repair of a pump. The pump must be taken out of operation. The control cabinet is to be protected, the power connections are to be disconnected and the pump is to be removed from the pump shaft.

#### Station 3: Measuring, monitoring and control engineering

The participants make use of the training session offered by the firm FESTO and together assemble a test facility which they then take into operation. In parallel there is work carried out on a throttle valve.

#### Station 4: Monitoring of a treatment plant

At this station the participants provide evidence of their knowledge of wastewater treatment plants. A pre-determined wastewater treatment plant will be illustrated by means of magnetic cards. Process flow charts and measuring arrangements are described. With this task participants are to provide examples of their capabilities in process engineering. They must be capable of describing technical processes, recognizing and solving problems and mastering difficult situations. Further topics deal with sewage clarification and the disposal of sewage sludge. Energy problems and questions on national monitoring data and how these are complied with, are also part of the task.

The task has to be completed within a set time limit and will then be evaluated by the jury, who will also point out improvement possibilities to the participants. The “Modular Wastewater Training System” of the DWA is used for this purpose.



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The DWA thanks all supporters listed below:



**Dräger**



**JUNG PUMPEN**

**FESTO**

**ADIRO**



The DWA thanks the DWA-Technical Committees BIZ 4 “Occupational safety and health protection” and BIZ 13 “Professional competition” for their commitment as jury members

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## Technical Excursions

- Gut Großlappen Wastewater Treatment Plant (max. 50 participants)
- Waste Management/Recycling Center Feldmoching (max. 20 participants)
- Renaturation of Isar (max. 35 participants)

6 – 8 May 2014, 14:00 – 18:00 h

Obligatory registration and payment in advance.

30,- EUR per person/per excursion



**Information:** Renate Teichmann · Tel.: +49 2242 872-118 · Fax: +49 2242 872-135 · Email: teichmann@dwa.de

## UN-Water Center

UN-Water is an inter-agency mechanism that was created in 2003 by the United Nations High-level Committee on Programmes as a platform to address the overlapping nature of water and maximize system-wide coordinated action and coherence. UN-Water serves the UN Member States in their efforts towards achieving development goals related to fresh water and sanitation. To date, it consists of 31 UN member organizations and a similar number of partners outside the UN.

At IFAT, UN-Water will be presenting the work of its members and partners – this year it will focus particularly on the topic of “Water and Energy”. The individual organizations, which work primarily in developing countries and emerging economies, will present their know-how and ways of working. Industry representatives will have the opportunity in the UN-Water Center to learn more about the work of the member and partner organizations and the conditions for potential cooperation with them.



## Our special tip: UN Water Session

7 May 2014, 13:30 – 15:00 h, Hall A5, Water/Wastewater Forum

**Information:** Gabriele Martens · Tel.: +49 2242 872-115 · Fax: +49 2242 872-135 · Email: martens@dwa.de



## JOBCENTER: Recruit your workforce and managers of tomorrow! Boost your career opportunities!

5 – 9 May 2014, Hall B 0, daily 9:30 – 17:00 h

Well-trained and highly skilled professionals are harder and harder to recruit. As a result of demographic change, the competition for qualified employees and for developing innovative concepts increases.

For the first time, the IFAT JOBCENTER offers a platform for skilled workers, foremen, engineers and scientists to get in contact with companies. For this purpose, Hall B0 next to the West Entrance opens with the title “Think Green – Think Future“ for the areas of research, education and human resources.

The IFAT JOBCENTER is located in an attractive, young environment with universities and the Young Professionals’ Lounge. Find your new job at the JobWall, in company presentations, or in direct contact with HR professionals.

**Information:** Christian Lange · Tel.: +49 2242 872-129 · Fax: +49 2242 872-135 · Email: lange@dwa.de

## DWA Joint Stands

On the Associations' stand in Entrance Hall West, the European Water Association (EWA) in cooperation with DWA presents international water and wastewater associations from Europe and worldwide. In Hall A5, stand 213/312 the DWA presents itself together with 18 DWA member companies. Both stands are an ideal platform for the presentation and for making contacts.



### Co-exhibitors at the DWA-Firms' stand A5: 213/312

aqua_plan Ingenieurgesellschaft für Problemlösungen in Hydrologie und Umweltschutz mbH	
AWS GmbH	
BDEW Bundesverband der Energie- und Wasserwirtschaft e. V.	
Berliner Wasserbetriebe	
CADMAP Consulting Ingenieurgesellschaft mbH	
DVGW CERT GmbH	
DVGW Service & Consult GmbH	
Ferro Duo Chemicals GmbH	
Gelsenwasser AG	
GreenGate AG	
gvu dietrich mbH	
hanseWasser Bremen GmbH	
Herrenknecht Formwork Technology GmbH	
Kopf Syngas GmbH & Co KG	
Losser Chemie GmbH	
PfK Ansbach GmbH	

Trauth & Jacobs Ingenieurgesellschaft für Datentechnik und Automatisierung mbH	
Walter + Partner GbR Beratende Ingenieure VBI	

### Co-exhibitors at the DWA-Associations' stand EW 1

Allianz der öffentlichen Wasserwirtschaft (AöW) e. V.	
ASTEE Association Scientifique et Technique pour l'Eau et Environment	
Bremen Overseas Research and Development Association (BORDA)	
Bulgarian Water Association (BWA) <i>gemeinsam mit:</i> ProStream Group Ltd.	
PIB Pipe Industrial Bulgaria Ltd.	
DVGW Deutscher Verein des Gas- und Wasserfaches e. V.	
EWA European Water Association e. V. (EWA)	
Güteschutz Grundstücksentwässerung e.V.	
International Water Association (IWA)	
Japan Sewage Works Association (JSWA)	
Österreichischer Wasser- und Abfallwirtschaftsverband (ÖWAV)	
<b>Bildungspartner</b>	
Bayerische Verwaltungsschule (BVS)	
BEW Bildungszentrum für die Entsorgungs- und Wasserwirtschaft GmbH	
brbv Berufsförderungswerk des Rohrleitungsbauverbandes GmbH	

**Information:** Marianne Treppmacher · Tel. +49 2242 872-128 · Email: treppmacher@dwa.de  
Sarah Heimann · Tel. +49 2242 872-192 · Email: heimann@dwa.de

**DWA-Associations' Stand (EW 1)**

**Professional Competition (Atrium)**

**DWA-Firms' Stand (213/312)**



resources. innovations. solutions.

May 5-9, 2014

World's Leading Trade Fair for Water, Sewage, Waste and Raw Materials Management

**Think Green – Research, Education, Human Resources (B 0)**

**Produktgruppen  
Product groups**

- Wissenschaft, Forschung, Technologietransfer  
Science, research, technology transfer
- Wassergewinnung / Wasser- und Abwasserbehandlung  
Water extraction / Water and sewage treatment
- Abläufe, Armaturen und Ventile  
Outlets, fittings and valves
- Mess-, Regel- und Labortechnik  
laboratory technology
- Pumpen und Hebeanlagen  
Pumps and lifting tackles

**Rohre, Leitungen /  
Küsten-, Hochwasser- und Gewässerschutz  
Pipes and shafts / Coastal protection,  
flood and waterbodies control**

- Kanalsanierung, -inspektion und -reinigung  
Sewer modernisation, inspection and cleaning
- Thermische und biologische Behandlung, Deponierung / Energiegewinnung aus Abfallstoffen / Altlastensanierung, Bodenaufbereitung / Abgas- und Abluftreinigung, Luftreinhaltung / Lärmreduzierung und Schallschutz  
Thermal and biological treatment, landfills / Generating energy from waste materials / Decontamination of old sites, soil treatment / Flue-gas scrubbing and air extraction / Noise reduction and abatement
- Abfallsammlung und -beförderung  
Refuse collection and transport

**Dienstleistungen  
Services**

- Wasser / Abwasser, Abfall / Sekundärrohstoffe  
Water / Waste water, waste / Secondary raw materials
- Abfallbehandlung, Recycling / Rückgewinnung und Verwertung von Rohstoffen  
Refuse treatment / Recycling and utilisation of raw materials
- Fahrzeuge, Aufbauten / Straßenreinigung, Straßenbetriebs- und -wintendienst  
Vehicles and superstructures / Street cleaning, maintenance and winter road services

**Live-Demonstration & Sonderveranstaltungen  
Live demonstration & special events**

- Think Green – Forschung, Bildung, Personalentwicklung  
Think Green - Research, Training, Human Resources
- Berufswettbewerb (DWA)  
Professional Competition (DWA)
- Praxistage (VDMA)  
Practical Days (VDMA)
- Trucks in Action (VAK)
- Autorecycling (BDSV mit BMW)  
Car recycling (BDSV incl. BMW)
- Bausstoffrecycling (VDBUM)  
Building material recycling (VDBUM)

**Außenbereich / Outdoor area**

- Freigelände  
Open-air site