



## XH2O – 2<sup>nd</sup> Basic Technical Training – March – May 2011



*This project is co-funded by  
the European Commission*

### **General and personal information**

Dear Madame or Sir,  
Dear friend,

It is our pleasure to announce the 2<sup>nd</sup> Basic technical Training (BTT) of the XH2O-project, which is conducted by Austrian, Croatian and Slovenian Red Cross and co-funded by the European Commission. With this information we are inviting candidates to apply for the training-series!

The final **selection of participants** will be done on **31<sup>st</sup> Jan 2011**, so please send your application well in advance! - Selected candidates will be provided further details on the training-series early Feb 2011.

#### **General Information on XH2O:**

The project is based on 20 years of experience and long term cooperation of the project partners in international disaster relief especially in the field of water purification. XH2O will establish a multinational cross border Water Purification Module (WPM) under participation of project partners from Austria, Croatia and Slovenia according to the module standards of the European Commission. The module will be capable of producing 225.000 litres of drinking water per day at least according to WHO standards. The WPM includes a field laboratory, mobile water purification units and storage capacity and is similar to the IFRC ERU M15.

#### **Information on the BTT:**

This training imparts basic technical knowledge on operating water plants enabling staff to run a water plant in a basic technical and support function. The four weekends of the BTT (each starting Friday morning and lasting until Sunday afternoon) cover the following topics:

#### **1) Dates:**

The BTT will be held on four week-ends, each intended to begin on Friday morning, ending Sunday afternoon:

1. 24. – 27. 03. 2011 – Croatia
2. 14. – 17. 04. 2011 – Croatia
3. 05. – 08. 05. 2011 – Slovenia
4. 19. – 22. 05. 2011 – Austria

Departure for the trainings will usually be Thursday evening in order to be on time. Your respective National Society will take care for travel arrangements.



## 2) Agenda:

### Start

- Theory – basics of Berkefeld TWA
- Theory – chemistry
- First acquainting of participants with treatment units (w/o water)

### Chapter 1

- Practice on Berkefeld unit: chemical treatment, coating process, pure water
- quality control and production process
- pumps / generators – operation
- Telecommunication (basics)
- Chlorine dosing unit
- Setting up of tents
- Presentation of field experience

### Chapter 2

- Dismantling/assembling of filter unit
- Setting up of unit in accordance with schema
- Technical session on pumps, engines
- Theory – hydraulics (basics)
- Pumping experiments
- Presentation of field experience

### Chapter 3

- ScanWater and other pool-filter-plants
- Theory (incl. basics about international organisations and deployments)
- Assembly, operation, shutdown of the unit
- Trouble-shooting, exchange of experience

### Chapter 4

- Practice on treatment units
- Laboratory (basics)
- Calculations (incl. examples from the field)
- Simple distribution
- Repetition, Q&A
- Exam
- Closure of training



## **Administrative and other information:**

### **3) Facilitation methodology**

Facilitators are selected according to specific criteria and fulfill the following requirements:

- RC field-mission experience
- relevant NS experience – field and/or HQ
- relevant educational training and/or facilitation-experience

Participants are mentored and supported 24 hours a day by a team of facilitators. They are guided in their work & encouraged to learn from each other as well.

### **4) Preparatory work:**

Participants of the Basic Training Course are asked to complete the online-“Code of Conduct”-training and the online-“Stay Safe” training on the IFRC Learning platform (<https://ifrc.csod.com> – you are required to create a personal profile there). The certificates for completing the online-trainings will be awarded to you at the end of the online-session. Selected candidates are expected to turn in the certificates electronically prior to the first training-weekend.

### **5) Accommodation:**

In some of the trainings participants will be hosted in hotels, while some are field-style in a basic tented camp. For hotel-accommodation please be advised that you will be sharing a room with another person of the same gender. For tent-accommodation you will be required to bring your sleeping bag, camping mattress and towels. Pack accordingly to a tent accommodation keeping in mind a tent shelters several persons.

### **6) Food**

According to the training-style food will either be provided in restaurants or be prepared under field conditions. For the latter bring your eating utensils (plate and cutlery, cup). This diet is quite basic consisting of what is available on the local market.

If you have special dietary needs (vegetarian, no pork, etc.), please let us know on time!

### **7) Health:**

No health check is required. However, it is expected that all participants take care of their own medications and make sure to bring the ones they are currently using.

### **8) Climate:**

During the period of the training, temperatures may vary significantly between 5 – 25°C. Please prepare yourself to extreme temperatures and rainfall.

### **9) ITT:**

For some of the trainings participants might bring along their own notebooks. RC-laptops with internet access will be available for training-use only.



**10) Registration form:**

The duly filled registration form shall be turned in to your respective National Society no later than 26<sup>th</sup> Jan 2011. Participants might be asked for additional data and passport-fotos once selected.

**11) Training insurance:**

For the training period all participants and facilitators are insured (policy details available upon request). Participants have to ensure that they have valid health- / travel-insurance for travelling internationally.

Detailed information on the four training-weekends will be provided to the selected candidates in due time!

For any additional information or questions arising please contact the project-management-team:  
e-mail: [xh2o@redcross.at](mailto:xh2o@redcross.at) , phone: +43-1-58900-138 [Enquiries will be forwarded to the respective person in charge.]

We are looking forward to welcoming you to the training!

Best regards,

Hedwig / Walter / Wolfgang / Boris / Marinko / Jürgen

for the project-management-team