



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

## XH<sub>2</sub>O

### **Strengthening the European Civil Protection Mechanisms through a cross border Water Purification Module**

#### **Objectives and expected results**

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 (e.g. in 2010 so far – deployments to Tanzania, Haiti, Pakistan; trainings in Austria, Ehtiopia, Hungary, Lithuania, Romania, Sudan).

- XH<sub>2</sub>O 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 commission.
- The module will be capable of producing 225.000 litres of drinking water per day according at least to WHO standards.
- The WPM includes a field laboratory, mobile water purification units and storage capacity.
- XH<sub>2</sub>O will also deliver a fully functional web-based HR database and a functional framework of cooperation of the project partners. The standard operating procedures of the WPM will comply with the EU CP mechanism.
- The module makes use of existing WPM equipment and staff of the project partners, thus ensuring cost-efficiency.
- Training an additional pool of 40 personnel (amongst them 15 potential team leaders) will ensure fast and efficient deployment over a period of up to 12 weeks.
- The multi-lingual and multi-cultural set-up of the first cross border WPM will lead to high usability worldwide and in the partnering countries.
- The WPM will be registered in CECIS by the Austrian Federal Ministry of Interior (Moi) being deployable in the EU CP mechanism in consultation with the Croatian and Slovenian CP authorities.
- Visibility of the project and the EU CP in media and expert circles will lead to raised awareness and acceptance of the EU CP mechanism in Central / Eastern Europe.

## **Project tasks:**

### **A) Management and Reporting to the EC**

1. Project governance and management structure
2. Project cooperation and communication
3. Reporting to the EC and project review

### **B) Operational readiness**

1. Development of Human Resource (HR)-database
2. Review and adaptation of existent cooperation framework
3. Review and adaptation of existent operational deployment work flow
4. Review and adaptation of existent logistics procedures

### **C) Readiness of equipment**

1. Complementing existent cross border WPM equipment

### **D) Readiness of Human Resources**

1. Two "Basic Technical Trainings" on operation of cross border WPM (40 persons)
2. One "Advanced Technical Training" (20 persons)
3. One "Preparation course" for EU training courses (15 persons)
4. Two "Practical Trainings" on field level (at least 60 persons)
5. One "Review Workshop" for the European water purification-community

### **E) Dissemination**

1. ensure high visibility of the project

**Implementation period:** Jan 2010 – Dec 2011 (24 months)

**Budget:** EUR 321.000,- (75% EU, 19% ARC, 4% CRC, 2% SRC)

**Grant agreement N°:** G/A: 070401/2009/540452/SUB/A4

**Project Partners:** Austrian Red Cross, Croatian Red Cross, Slovenian Red Cross

**Austrian Red Cross (ARC)**, founded in 1880, is a private independent non profit organisation. It implements its humanitarian activities with the help of volunteers. Through its activities, ARC aims to help the most vulnerable in society, both at national as well as at international level. [www.redcross.at](http://www.redcross.at)

**Croatian Red Cross (CRC)** is a national, humanitarian and voluntary non-governmental organization comprising County, City and Municipality Red Cross branches, acting in compliance with the Fundamental Principles of the International Red Cross and Red Crescent Movement. It enjoys special protection and care of the Republic of Croatia. [www.hck.hr](http://www.hck.hr)

**Slovenian Red Cross (SRC)** is an independent humanitarian organisation, which acts on the territory of the Republic of Slovenia. SRC is composed out of Local Branches, covering one to three local municipalities with the network spread over 900 local organizations. [www.rks.si](http://www.rks.si)

The respective partners are members of the International Federation of Red Cross and Red Crescent Societies.

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