

## WP4 - Organization of scientific events

<b>Work package number</b>	<b>4</b>	<b>Start Date or Starting Event</b>	<b>Month 4</b>	
<b>Work package title</b>	<b>Organization of scientific events</b>			
<b>Participant number</b>	1	2	3	4
<b>Short name of participant</b>	UPB	UNIMIB	FOKUS	UNESCO-IHE
<b>Person/months per participant:</b>	7	6	6	4

### Objectives

The aim of this work-package is to organize a series of high quality scientific events to facilitate knowledge transfer and raise the visibility of UPB at national and international level. The events will reunite: experienced and young researchers from UPB, research staff from the partnering institutions, as well as invited researchers from other bodies (universities, companies) relevant to the development of the research field.

### Description of work

The lead partner of this work package is UNIMIB, that has very good experience in organizing scientific events and excellent results in the field of ICT for water management. All partners will be involved in this events, by preparing and presenting different topics for the events.

UPB has already a strong experience in organizing high quality scientific events. For example, for the last 20 years, UPB is organizing the bi-annual conference Control Systems and Computer Science, with a participation of around 250 accepted papers for the last edition of 2015.

Most of the events organized in the past are on topics from the larger domain of computer science. However, since 2013, co-located with the CSCS conference, the UPB team that develops the Twinning proposal, organizes an International Workshop on Cyber-infrastructures for Natural Resources Management (CyRM), that is close related to the field of Smart Data for Water Management.

Based on this experience, and in cooperation with the partners, we plan the organization of the scientific events described below.

The planned events fall into four categories:

- a) Workshops that will be co-organized with the EU partners. Research policy documents, developed in WP1 will be discussed and validated during this workshops. Analysis of the KPIs performed by UPB will be also a workshop topic. Four such workshops are planned during the project.
- b) Scientific events that are already organized on more or less regular basis by UPB will be planned and executed with extended scope, by increasing the level of participation of high profile researchers, young researchers and PhD students, and focused on topics specific to ICT in Water Management. An example is the organization of the CyRM workshop. The result will be the enhancement of the scientific visibility of the events, an increase of scientific quality standards and a higher level of participation from both home and abroad.
- c) Organization of an international, co-located conference. Together with the project partners, the most suitable event will be identified and the necessary steps will be followed, in order to have a special section in the event, on the research topic of SDWM. This approach has the advantage of optimizing organizational efforts and, more important, making bridges between scientists working in different but related areas, giving thus the possibility of an integrated view of the research field.
- d) Participation in other scientific events, like conferences, round tables, working groups, etc.

Workshops will be related with other events, like trainings, consortium meetings, in order to optimize the use of resources.

#### ***T4.1 Organization of workshops (M2-M36)***

Four workshops are planned to be organized:

Workshop 1: organized at UPB

- sets up the basics for the elaboration of the Technology survey: prospective and challenges in SDWM
- sets up the basics for the Roadmap for UPB
- validation of the Operational Plan of the project activities

Workshop 2: organized at UNESCO-IHE

- discussion and validation of the 1st Technology survey
- discussion and validation of the Roadmap
- sets up the basics for the Research Quality Assurance System.

Workshop 3: organized at UPB

- Workshop on CyRM (within the 21<sup>st</sup> Control System and Computer Science Conference)
- validates the Research Quality Assurance System

Workshop 4: final event, organized at UPB

- discussion and validation of 2<sup>nd</sup> Technology survey: prospective and challenges in SDWM
- discussion and validation of the updated Roadmap
- analysis of the project results

#### ***T.4.2 Organization of a co-located conference (M25-M30)***

Organization of an international scientific event, with the support of the partners, as a co-located in a highly visible event, relevant for the research field. Some of the possible events, that we will approach are:

- Water Berlin International March 2017 / Blue Planet
- German Water Partnership <http://www.germanwaterpartnership.de/>
  - o <http://rumaenien.ahk.de/>
- European Water Conference [http://ec.europa.eu/environment/water/2015conference/index\\_en.htm](http://ec.europa.eu/environment/water/2015conference/index_en.htm)
- EIP Water Conference <http://www.eip-water.eu/>
- European Data Forum <http://www.data-forum.eu/>
- Fraunhofer Big Data Alliance <http://www.bigdata.fraunhofer.de/>
  - o Energy and Environment  
[http://www.bigdata.fraunhofer.de/de/geschaeftsfelder/energie\\_umwelt.html](http://www.bigdata.fraunhofer.de/de/geschaeftsfelder/energie_umwelt.html)

The activities in this task will strengthen the capacity of UPB staff to organize scientific events based on peer-review evaluation of submitted papers.

#### ***T4.3 Participation at scientific events (M3-M36)***

The researchers will be encouraged to participate at scientific events, to strengthen the research skills of the human resources, to give them the possibility not only to read scientific papers, but also to participate at scientific debates. The research staff will participate to specialized conferences and workshops in the selected topics like those mentioned in T4.2.

A special attention will be given to submission and presentation of accepted papers. Careful selection and planning of attendance to such events is necessary in order to optimally expose research results and exploit opportunities. On the average, we count with a participation of 8 persons / year.

The participation in Programme Committee or other national and international working groups/bodies will be

encouraged.

**Deliverables** (brief description and month of delivery)

***D 4.1*** Workshop materials [*to be prepared before each workshop*]; materials will be accessible also on Knowledge lake

***D 4.2*** Report on organization and participation to scientific events [*month 36*]