



CEI - KEP PROJECT

Development of decision support systems for integrated water management in Belarus  
MINSK, CRICUWR, 2-4 June 2010

# **DEVELOPMENT OF DECISION SUPPORT SYSTEMS FOR INTEGRATED WATER MANAGEMENT IN BELARUS**

**Central Europe Initiative-KEP project (Ref. 1206.006A-09)**

## **Project Overview**

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The **Central European Initiative** was founded in Budapest, 1989 as a forum to promote the regional cooperation between Central and Eastern Europe.

The main mandate of CEI is fostering political and socio-economic development in the region aimed at avoiding new division lines in Europe



CEI Headquarters, Trieste

CEI has 9 EU and 9 non-EU Member States



## Know-How Exchange Programme (KEP)

Grant facility created in 2004 to support **transfer of best practices and transformation experience** from CEI EU to non-EU Member States.

Main objectives of KEP are:

**Strengthen economic and social advancement** of the CEI non-EU Member States

Help the **recent EU members in their transformation** from recipients to donors (emerging donors) of development assistance;

Promote **principles of foreign development aid and support international collaboration** among institutions in CEI member countries.



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# Development of decision support systems for integrated water management in Belarus

### Project partners:

The Department of Life Sciences, University of Trieste  
(UNITS-DSV)



The Central Research Institute for Complex Use of  
Water Resources, Minsk (CRICUWR)



Duration: 1 year (1.11.2009 – 31.10.2010)

Total budget: 72,000 Euro (50% CEI)



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# Project program

### Main Objective:

To transfer methodologies for environmental analysis and assessment, helping CRICUWR to elaborate integrated water resources management (IWRM) plans in Belarus.

### Main Activities:

Training course/workshop for scientists, elaboration of a case study, meetings between partners, dissemination of activities results.



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### Activity 1: Kick-off meeting

#### Trieste, UNITS-DSV, 1-2 March 2010

1. Definition of the main environmental questions concerning IWRM in Belarus
2. Selection of proper case study areas
3. Definition of the variables/data sets needed for the case study
4. Main issues to be covered during the training course



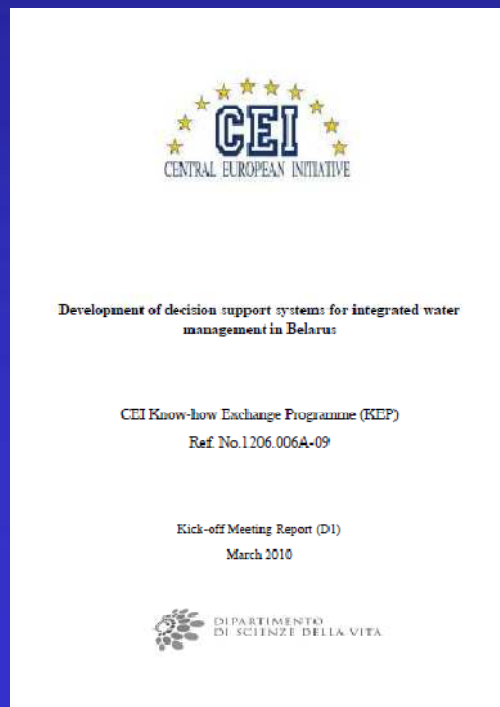


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## Available project products

**Project web site:**  
<http://kepceiunits.135.it/>



**Kick-off meeting report  
(downloadable for the site)**



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## Activity 2: Training course

### Minsk, CRICUWR, 2-4 June 2010

1. Addressed to scientists, technicians, operators in the environmental management field
2. Methods for environmental management: Decision Support Systems, Remote-Sensing and GIS techniques applied to spatial DSS, modelling, examples of case studies
3. Open discussions with Belarussian experts



## Activity 3: Application of IWRM methods

### UNITS-CRICUWR (ongoing)

- Acquisition of data sets for the case study in Belarus (geo-databases, satellite imagery, territorial information); exchange and collection of information between experts
- Elaboration of the case study: definition of alternatives for IWRM, application of multicriteria techniques analysis for detection of the best options, application of spatial DSS methods for best locations of management options (suitability maps)
- Case study report



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## Activity 4: Finalisation and follow-up

### UNITS-CRICUWR (forecast)

- Final meeting (late September-early October) at Trieste or Minsk
- Discussion of the project results, elaboration of a working document for the Government of Belarus
- Setting-up baseline for permanent partnership and common future actions (FP7 projects, Europe Aid actions, etc.)



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**Let's have a good work...**