

FRESHWATER RESOURCES ARE RENEWED BY THE NATURAL PROCESSES OF THE HYDROLOGICAL CYCLE. WATER EVAPORATES FROM THE EARTH'S SURFACE. LAND, LAKES, RIVERS, AND SEAS SEND UP A STEADY STREAM OF WATER VAPOR; THIS SPREADS THROUGH THE ATMOSPHERE BEFORE DESCENDING AS PRECIPITATION.

INTEGRATED MANAGEMENT OF FRESHWATER AS A FINITE AND VULNERABLE RESOURCE MANAGEMENT IS A FUNDAMENTAL PREREQUISITE FOR SUSTAINABLE DEVELOPMENT OF THE CONTINENT AND THE PLANET. THE INTEGRATION OF SECTORAL WATER PLANS AND PROGRAMMES WITHIN THE FRAMEWORK OF REGIONAL, NATIONAL, AND EUROPEAN ECONOMIC AND SOCIAL POLICIES ARE OF PARAMOUNT IMPORTANCE FOR ACTION IN THE 21ST CENTURY.

HYDROCARE WILL DECREASE THE FRAGMENTATION IN THE APPROACH OF EU COUNTRIES TO WATER AS A RESOURCE AND AS A SOURCE OF RISKS, ALONG THE LINES OF THE EU WATER FRAMEWORK DIRECTIVE 2000/60/EC.



**CINFAI**

NATIONAL CONSORTIUM OF  
UNIVERSITIES FOR THE PHYSICS OF  
ATMOSPHERES AND HYDROSPHERES

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**HYDROCARE**

*HYDROLOGICAL CYCLE OF  
THE CADSES REGIONS*



<http://www.hydrocare-cadses.net>



INTERREG III B CADSES



PROJECT PART  
FINANCED BY EU

## **PROGRAMME**

**INTERREG IIIB – CADSES – 3RD CALL**

## **PRIORITY/MEASURE**

**4 - ENVIRONMENT PROTECTION, RESOURCE  
MANAGEMENT**

**AND RISK PREVENTION**

**4.3 - PROMOTING INTEGRATED WATER  
MANAGEMENT AND PREVENTION OF FLOODS**

## **START/END DATE**

**01/01/2006-31/12/2007**

## **TOTAL BUDGET**

**2.466.200,00 €**

**(ERDF COFINANCING: 1.441.625,00 €)**

## **LEAD PARTNER**

**NATIONAL CONSORTIUM OF UNIVERSITIES  
FOR THE PHYSICS OF ATMOSPHERES AND  
HYDROSPHERES – CINFAI (IT)**

## **PARTNERSHIP**

**11 PROJECT PARTNERS FROM 6 COUNTRIES  
(IT, GR, DE, SK, PL, RO)**

## **PARTNERS**

- 1. NATIONAL CONSORTIUM OF  
UNIVERSITIES FOR THE PHYSICS OF THE  
ATMOSPHERES AND OF THE  
HYDROSPHERES (IT)**
- 2. NATIONAL AGENCY FOR THE  
ENVIRONMENTAL PROTECTION AND  
TECHNICAL SERVICES - DEPARTMENT  
OF INTERNAL AND MARINE WATERS  
PROTECTION (IT)**
- 3. MARCHE REGION - PUBLIC WORKS  
DESIGN SERVICE (IT)**
- 4. UNIVERSITY OF CAMERINO -  
DEPARTMENT OF EARTH SCIENCES (IT)**
- 5. AUTONOMOUS PROVINCE OF TRENTO -  
SERVICE FOR HYDRAULIC WORKS (IT)**
- 6. NATIONAL TECHNICAL UNIVERSITY OF  
ATHENS - DEPARTMENT OF WATER  
RESOURCES, SCHOOL OF CIVIL  
ENGINEERING (GR)**
- 7. MUNICIPALITY OF KEFALONIA (GR)**
- 8. POTSDAM INSTITUTE FOR CLIMATE  
IMPACT RESEARCH (DE)**
- 9. SLOVAK HYDROMETEOROLOGICAL  
INSTITUTE (SK)**
- 10. INSTITUTE OF METEOROLOGY AND  
WATER MANAGEMENT - BRANCH OF  
WROCLAW (PL)**
- 11. NATIONAL INSTITUTE OF HYDROLOGY  
AND WATER MANAGEMENT (RO)**

## **GOALS**

**HYDROCARE WISHES TO DEVELOP  
EFFECTIVE TRANSNATIONAL TOOLS FOR THE  
RATIONAL EXPLOITATION OF THE WATER  
RESOURCE, FOR THE MANAGEMENT OF  
EXTREME HYDRO-METEOROLOGICAL EVENTS,  
AND FOR THE PRESERVATION AND  
ENHANCEMENT OF ECONOMICAL AND  
ENVIRONMENTAL WELFARE. THE MAIN GOALS  
OF THE PROJECT ARE:**

- DEVELOPMENT OF AN INTEGRATED VIEW OF  
THE WATER RESOURCE MANAGEMENT,  
BRIDGING THE EVALUATION OF THE WATER  
RESOURCES OF THE CADSES AREA WITH  
THE STUDY OF THE LARGE AND BASIN-SCALE  
HYDROLOGICAL CYCLE;**
- DEVELOPMENT OF INTERNATIONALLY  
SHARED TOOLS FOR PUBLIC AND PRIVATE  
INSTITUTIONS FOR THE CORRECT  
MANAGEMENT OF THE WATER RESOURCES AS  
WELL AS FOR PLANNING FUTURE  
DEVELOPMENT OF THE CADSES AREA;**
- DEVELOPMENT OF SET OF STANDARDS AT  
EUROPEAN LEVEL FOR THE COLLECTION,  
EVALUATION, STORAGE AND  
INTERPRETATION OF THE HYDRO-  
METEOROLOGICAL DATA, WITH PARTICULAR  
REGARD TO EXTREME EVENTS OF GREAT  
POTENTIAL IMPACTS.**