

**PA4 Steering Group  
Meeting of the EU  
Strategy for the Danube  
Region**

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# **GWP CEE activities related to EUDRS and PA4 Actions**

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## Outline

Integrated Drought Management Programme (IDMP)

Other actions

Coming events

Activities under planning in 2015



- A two and half year long project, called „Integrated Drought Management Programme” just has been finished in April. The closing and outcomes presentation workshop was held in Bucharest on 21-22 April 2015.
- The IDMP was co-financed by GWP (Global Water Partnership) and WMO (World Meteorological Organisation).
- 10 GWP CEE partner countries participated in the programme.

**10 countries**

**40 organizations**

- ✓ Universities
- ✓ Hydro-meteo services
- ✓ Research institutes
- ✓ Ministries & state agencies
- ✓ River basins directorates
- ✓ Drought Management Center for South East Europe



**Budget:**

2013 – 272.400 €

2014 – 433.283 €

2015 – 200.000 €

**TOTAL: 905.683 €**

# Main and specific objectives of IDMP

## Main objective:

- Provide both policy advice and practical solutions in drought management.

## Specific objectives:

- *Develop understanding and knowledge, and promote state-of-the-art technology, through documentation, consultative workshops, dialogues and networking for integrated drought management.*
- *Map and assess the impact of droughts, promote the adaptation of best practices, incorporate risk mitigation/reduction, and develop drought policies based on scientific knowledge.*
- *Facilitate the capacity of national governments to incorporate assessments on drought management into their national programs and policies.*
- *Synthesize country findings and develop regional drought policy, a monitoring framework, and a regional drought management platform.*
- *Raise awareness about severe drought conditions through efficient dissemination mechanisms, such as a learning platform, training and workshops/seminars.*

# Structure of IDMP

<p><b>Drought management</b></p>	<p>Act. 1.2 Review of the current status</p> <p>Act. 2.1: Guidelines</p> <p>Act. 2.2: National consultation dialogues</p> <p>Act. 5.4: Drought Risk Management Scheme</p>	<p>Act. 7.1: Compendium of Good Practice</p>
<p><b>Drought monitoring and forecasting</b></p>	<p>Act. 1.3: Drought data exchange platform</p> <p>Act. 1.4: South Eastern Baltic Sea (SEBS) Region</p> <p>Act. 5.5: Remote sensing agricultural drought monitoring methods</p> <p>Act. 5.6: Upgrading agricultural drought monitoring and forecasting (UA &amp; MD)</p>	<p>Act. 7.2: Communication activities</p> <p>Act. 6.1 &amp; 6.2: Workshops &amp; training</p>
<p><b>Measures to reduce drought impacts, vulnerabilities and risks</b></p>	<p>Act. 5.1: soil-water holding capacity</p> <p>Act. 5.2: Assessment of drought impact on forests</p> <p>Act. 5.3: Natural small water retention measures</p>	<p>Act. 6.3: Peer Review Group</p>



## Guidelines for preparation of Drought Management Plans within RBMP

## New approaches

- *technical and non-technical measures to increase the water retention* and selection of good cases around CEE;
- testing and describing concrete methods and procedures for *increasing soil water holding capacity*: sub-soiling, organic matter application into the soil, conservation tillage, ecological farming and other measures which are increasing water infiltration into the soil profile and improving water regimes of the countries;
- *identification of remote sensing and GIS data tools for agricultural drought monitoring and yield loss forecast*, which helps to predict yield loss 4-6 weeks before harvest and on this way drought effected sites can be delineated more accurately;
- describing *adaptation measures for the forests* to mitigate negative effects of the drought.

## Compendium of IDMP CEE good practices

## Organization of the National Consultation Dialogues

20 in 2 years in 10 countries – *acceptance at the policy level*



## More information about IDMP



**Webpage:** <http://www.gwp.org/en/GWP-CEE/IDMPCEE/>

### Videos

- **IDMP** - general introduction

<https://www.youtube.com/watch?v=KJEf4GQ7sqE>

- **Small Water Retention Measures**

<https://www.youtube.com/watch?v=XbtRzqQRXU4>

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## Other actions events

Preparation of a Technical Focus Paper (TFP) on  
„ Integrated Water Resources Management versus the EU Water Framework Directive and its implementation in  
Central and Eastern Europe - Lessons Learned and Ways Forward”

The major purpose of the TFP is to demonstrate what steps the CEE countries need to make beyond the implementation of WFD in order to fulfilling the requirements of the IWRM concept of sustainable water management.

- Issues and questions discussed in the TFP:
  - Lessons Learned – Why IWRM versus EU WFD?
  - Ways Forward – Good practices for integration of environment and economy
  - Do we practice IWRM in your country?
  - How IWRM is – or is not – practised in your country?
  - How is IWRM principle integrated in WFD\_in your country?
  - How in your country the distinct hydrological, physical, institutional and socio-economic conditions are taken into account?
  - Why the EU WFD has been the focus of some criticism in your country?
  - Integration of different IWRM tools into the national development planning process.
  - Different approaches to IWRM and how these various approaches have succeeded or failed?
  - IWRM knowledge and experience in your country?



## Coming events

- Cooperation with the International Sava River Basin Commission in the organisation of a one day workshop on stakeholders involvement in RBMP preparation.  
18 June 2015, Zagreb, Croatia
- Cooperation with ICPDR in organisation of the „Voice of the Danube” Stakeholder Consultation Workshop  
2-3 July 2015, Zagreb, Croatia



## Activities under planning in 2015

- A follow-up project proposal preparation to take forward the results and outcome of the IDMP project.  
Cooperation between GWP CEE and DMCSEE plus interested regional countries
- Proposals are also under consideration for additional projects related to IDMP outcomes.  
One draft proposal has already been introduced to GWP CEE, which is a computer aided advisory system to support better decisions on *water resources allocation and drought mitigation* at local, basin, country and regional level.

These planned projects could contribute to EUDRS actions.

## PA 4 Actions

1. Action - To implement fully the **Danube River Basin Management Plan**
2. Action - To greatly **strengthen cooperation** at sub-basin level
3. Action - To continue to invest in and support the **information collection systems** already developed by ICPDR
4. Action - To continue boosting major investments in building and upgrading **urban wastewater treatment facilities** across the Danube Basin, including measures to build capacity at the regional and local level for the design of such infrastructure
5. Action - To establish **buffer strips** along the rivers to retain nutrients and to promote alternative collection and treatment of waste in small rural settlements
6. Action - To foster and develop an active process of **dialogue and cooperation between authorities** responsible for agriculture and environment to ensure that measures are taken to address agricultural pollution
7. Action - To **legislate** at the appropriate level **to limit the presence of phosphates in detergents**

## PA 4 Actions - continued

8. Action - To treat **hazardous substances and contaminated sludge** with the newest and best available technology and to develop and promote remediation measure for hazardous producing or abandoned industrial sites and waste deposits
9. Action - To assure the proper control and progressive **substitution of substances** that are considered **problematic** for Danube Region
10. Action - To **reduce existing water continuity interruption** for fish migration in the Danube River Basin
11. Action - To promote measures to limit **water abstraction**
12. Action - To **strengthen general awareness and facilitate exchange of good practice** in integrated water management issues in the Danube Basin among decision-makers at all levels and among the population of the Region
13. Action - To **promote measures aimed at reducing knowledge deficits**, developing and transferring tools, methods and guidelines concerning the safeguarding of drinking water supply
14. Action - To further **strengthen Integrated Coastal Zone Management** (ICZM) and **Maritime Spatial Planning** (MSP) practices on the Western shores of the Black Sea



**Thank you for your attention  
and  
your work on saving our Planet for  
the next generation!**

