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## SECOND ANNOUNCEMENT



Workshop of the COST Action 869

Mitigation options for nutrient reduction in surface water and groundwater

### Working Group 4 - Evaluation of Projects in Example Areas across Europe

18<sup>th</sup> - 22<sup>th</sup> May 2008  
Waidhofen/Ybbs - Austria

#### General Purpose of Working Group 4 (WG4)

Aim of WG 4 is to strengthen and support a European wide understanding between scientists and catchment managers on how nutrient losses from diffuse sources can be successfully combated by implementing different mitigation measures in river basin management plans. To reach this objective WG4 will examine and discuss the results from a wide range of general and targeted mitigation measures, implemented for reducing N and P losses from diffuse sources in the different regions of Europe, on the supra-national, national, regional, river basin or catchment scales.

#### Location

The meeting will take place in Waidhofen/Ybbs, Austria, in the hotel "DAS SCHLOSS an der Eisenstrasse" ([www.schlosseisenstrasse.at](http://www.schlosseisenstrasse.at)). Please book on your own by either sending an E-mail to [reservierung@schlosseisenstrasse.at](mailto:reservierung@schlosseisenstrasse.at), or calling +43-(0)7442/505. Please refer to COST 869, because we have arranged a special deal with the hotel. Costs will be 125 €/day. This includes accommodation, breakfast, lunch and all coffee breaks.

#### Transportation

Two main options exist, to arrive at Waidhofen/Ybbs, depending whether you arrive by plane in Vienna or Linz. To check travel times of trains you can use <http://www.oebb.at>

##### Option 1:

Arrival by plane at Vienna. Then you need to go to the train station "Wien Westbahnhof". Easiest is to take the bus which leaves directly outside the airport and only stops at Wien Südbahnhof and second stop then is Wien Westbahnhof (travel time 35 min). At Wien Westbahnhof take the train to the city of Amstetten. Direct trains without necessity of changing the train leave every hour (for instance at 14:44, 15:44, 16:44, travel time 1h:11min). At the city of Amstetten you can either take a train to the city of Waidhofen/Ybbs (travel time 30 min). However, if you provide us with your arrival and departure dates at the city of Amstetten we will organize transportation between Amstetten and Waidhofen/Ybbs.

##### Option 2:

Arrival by plane at Linz. Then you need to go to the train station Linz Hauptbahnhof. There is a direct bus connection every hour (travel time 19 min). At Linz Hauptbahnhof take the train to the city of Amstetten. Direct trains without necessity of changing the train leave every hour (for instance at 14:30, 15:30, 16:30, travel time 33min). At the city of Amstetten you can either take a train to the city of Waidhofen/Ybbs (travel time 30 min). However, if you provide us with your arrival and departure dates at the city of Amstetten we will organize transportation between Amstetten and Waidhofen/Ybbs.

**Alternatively** to arrival by plane you can also arrive by train. In that case you travel directly to the city of Amstetten. At the city of Amstetten you can either take a train to the city of Waidhofen/Ybbs (travel time 30 min). However, if you provide us with your arrival and departure dates at the city of Amstetten we will organize transportation between Amstetten and Waidhofen/Ybbs.

## Reimbursement

For those attendees who will be reimbursed by the COST office please remember to bring your copies of tickets and all needed details for reimbursement as usual.

## Workshop Programme

### Sunday, 18.5.2008

19:00 Welcome drink

### Monday, 19.5.2008

8:30 - 9:00 Retention and cycling of P in field edge buffer strips  
*Marc Stutter, UK*

9:00 - 9:30 Danish experiences with buffer zones to capture sediment and phosphorus  
*B. Kronvang, DK*

9:30 - 10:00 The effects of vegetated buffer zones on erosion and nutrients in surface runoff  
*J. Uusi-Kämpä, FI*

10:00 - 10:30 Restoration of wetlands and their nutrient removal potential: Danish experiences  
*C. C. Hoffmann, B. Kronvang, DK*

10:30 - 11:00 Coffee break

11:00 - 11:30 Effects of mitigation measures on nutrient loads in agricultural catchments in Norway  
*P. Stålnacke, A. Pengerud, M. Bechmann, N*

11:30 - 12:00 11:30 - 12:00  
10 years experience with mitigation measures on the lake of Sempach  
*J. Blum, CH*

12:00 - 12:30 Influence of natural and agricultural factors on nitrogen leaching in catchments of small streams  
*A. S. Sileika, K. Gaigalis, LT*

12:30 - 14:00 Lunch

14:00 - 14:30 Retention of Phosphorus and Nitrogen in lowland river floodplains.  
*J. de Klein, F. Sival*

14:30 - 15:00 Influence of slurry application technique on P and N loading of drainage tiles  
*P. Strauss, A. Eder, AT*

15:00 - 15:30 Inferred effect of soil drainage on nitrate concentration in streams in the Zelivka basin, Czech Republic  
*J. Hejzlar, CZ*

15:30 - 16:00 Coffee break

16:00 - 16:30 PROFOR (Austria): Integrating the effects of stream structure on nutrient loading patterns in restoration concepts for heavily modified streams  
*G. Weigelhofer, M. Makal, S. Muhar, N. Kreuzinger, Th. Hein, AT*

16:30 - 17:00 Prognosis of Groundwater Nitrate Pollution in the Upper Rhine Valley Aquifer for Land Use Scenarios and Remedial Actions  
*M. Finck, J. Grimm-Strele, M. Casper, P. van Dijk, N. Graveline, Th. Gudera, St. Korte, H. Lambrecht, D*

17:00 - 17:30 Sustainable mitigation and land use options for human health and environmental quality in respect to the nutrition system and the nutrients C, N, P, S  
*K. Isermann, D*

Tuesday, 20.5.2008

- 8:30 Departure for Field trip  
9:15 - 12:00 Visit of the Institute for Land and Water Management Research, Petzenkirchen
- 12:00 - 13:30 Lunch
- 13:30 - 14:00 The relevance of P-soil analyses on combating P-losses  
*H. Spiegel, G. Dersch, A. Baumgarten, AT*
- 14:00 - 14:30 Research on nutrient losses by runoff to various crops in Tarina Vale experimental polygon, Perieni  
*E. Filiche, D. Dana, A. M. Dodocioiu, R. Mocanu, G. Purnavel, G. Petrovici, I Anton, I. Oprica, RO*
- 14:30 - 15:00 Impact of selected agricultural management options on the reduction of nitrogen loads in three representative meso scale catchments in Central Germany  
*M. Rode, E. Thiel, U. Frank, G. Wenk, F. Hesser, D*
- 15:00 - 15:30 Sources of diffuse N and P loads in the transboundary river systems of Danube and Odra and possible effects of mitigation measures to research the good ecological status  
*H. Behrendt, D*
- 15:30 - 16:00 Coffee break
- 16:00 - 16:30 The Manure decree as large scale measure to reduce nutrient loads in Flanders.  
*S. De Bolle, J. Salomez, S. De Neve, G. Hofman, B*
- 16:30 - 17:00 Walloon action plan for nitrogen sustainable management in agriculture: Prospective modelling of nutrient transfer in surface water and groundwater  
*Degré, C. Sohier, B*
- 17:00 - 17:30 Innovative tools for the assessment and management of rural basins to recover the water quality.  
*Ph. Merot, F*
- 20:00 - 22:00 Joint Dinner

Wednesday, 21.5.2008

- 8:30 - 10:30 State of development of the fact sheet compilation among COST partners regarding potential effective mitigation options: Presentation and Discussion of further developments  
*O. Schoumans, NL*
- 10:30 - 11:00 Coffee break
- 11:00 - 12:30 State of development of the fact sheet compilation among COST partners regarding potential effective mitigation options: Presentation and Discussion of further developments  
*O. Schoumans, NL*
- 12:30 Departure for those participants that do not participate in trend analysis
- 12:30 - 14:00 Lunch
- 14:00 - 15:30 Trend analysis workshop
- 15:30 - 16:00 Coffee break
- 16:00 - 17:30 Trend analysis workshop
- 17:30 End of Meeting