



Thematic network on SHP - 1. workshop

Bolzano, 18.September 2003

The working group on environmental integration: objectives, first results, problems, future actions, expectations from and program for the workshop

Ao. Univ. Prof. Dr. Bernhard PELIKAN

pelikan@boku.ac.at

Aspects identified

Political aspects – water framework directive

Reserved flow

Ecological-Technological aspects

Economical aspects



The goals

getting a complete and detailed picture of the current situation in all sections (questionnaire on national level)

exchange experiences on internet based platform

create international coordinated strategies



Political aspects – water framework directive

actions foreseen:

survey of the status of implementation into national law

a document containing a proposal
for the definition of: “heavily modified water bodies”

General strategy regarding the involvement of SHP
representatives in the working out of national river concepts
and of the list of measures to be taken

Draft document of the possible effects of the application of the
WFD on energy production from small hydroelectric plants
(worst case and best case scenario)



Reserved flow

actions forseen:

Collection and critical review of the main available documents on the methods of calculation (both in Europe and abroad)

Document concerning the effects of additional parameters on the diversion section

1. Document on the global environmental cost/benefit analysis of the reserved flow.



First results

Draft document giving a survey of residual flow calculation methods, problems, conclusions

Draft document on the effect of additional parameters on diversion section

Draft document on the definition of heavily modified water bodies in case of SHP

Results of the questionnaire on the implementation status of WFD, the fears and the SHP concern



Problems?

Sorry to say: no!



Expectations

The workshop aims at a control of

- the documents prepared
- the contents stated
- the solutions proposed

The input will enable the working group to finalise the documents including all the remarks and criticism



Results questionnaire WFD

	A	F	D	DK	E,W	GR	IRL	Lith	N-Irl	Scott
<i>1) The status of national implementation of WFD?</i>										
<input type="checkbox"/> Already implemented	Y		Y							Y
<input type="checkbox"/> In discussion including the interests/representatives of SHP	Y	Y					Y	Y	Y	Y
<input type="checkbox"/> In discussion excluding the interests/ representatives of SHP						Y				
<input type="checkbox"/> No information					Y					
<i>2) Which are the main fears connected to WFD?</i>										
<input type="checkbox"/> Higher residual flow	Y		Y	Y	Y				Y	Y
<input type="checkbox"/> Fish by-pass systems	Y		Y	Y	Y					
<input type="checkbox"/> No new hydroelectric sites			Y	Y	Y			Y	Y	Y
<input type="checkbox"/> Complication in authorisations issuing	Y	Y	Y		Y	Y		Y	Y	Y
<input type="checkbox"/> Increase in operating costs	Y		Y		Y				Y	Y
<i>3) Activities of associations concerning WFD?</i>										
<input type="checkbox"/> Participation in decision/discussion process	Y	Y					Y	Y	Y	Y
<input type="checkbox"/> Intervention on political level	Y	Y	Y					Y		
<input type="checkbox"/> Information of Small Hydropower Plants operators	Y		Y		Y	Y	Y		Y	Y
<input type="checkbox"/> No activities					Y					