Workshop'05
7-8 March 2005

For more information : www.swift-wfd.com

ABOUT SWIFT-WFD PROJECTS OBJECTIVE

The monitoring requirements for successfully implementing the WFD will directly depend upon available measurement techniques of demonstrated quality, which will be able to deliver reliable data at an affordable cost. Besides the necessary "classical" laboratory analyses, emerging tools including screening methodologies will play a key role in implementing the WFD, mainly as a complementary approach for improving quality monitoring. The WFD will only be a powerful management tool if monitoring data are of reliable and comparable quality. The costs of wrong decisions based on erroneous data could be very large, and this justifies Community efforts to ensure that data are produced according to a proper quality assurance regime.

In the light of the above, the objectives of SWIFT-WFD should focus on the production of quality control techniques for validating the effectiveness of emerging tools, an inventory of existing methods currently used or under development for the assessment of physico-chemical, biological and chemical quality elements and parameters (not including hydromorphological elements), for water monitoring, the comparison of emerging tools through laboratory-based (tank experiments) and/or inter-laboratory field studies based on a selection of reference aquatic ecosystems on the European scale, and with classical laboratory-based analyses to validate results and demonstrate their equivalence (in terms of statistical comparison procedures) for parameters regulated by the WFD.

In parallel, the project should consider the development of new "low-cost, innovative monitoring techniques, in particular for chemical (hazardous priority substances) and their validation using the same approach (inter-laboratory testing and comparison with laboratory-based methods). In addition, exchange of knowledge, transfer of technologies and training related to water monitoring will represent a key issue for ensuring the comparability of data produced by emerging methods/tools.

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Sixth Framework Programme

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**European Commission,
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ABOUT PUBLIC ANNUAL WORKSHOP (7-8 MARCH 2005)

According the monitoring programmes (WFD implementation), the objective of this workshop is to show the relevance of the use of existing low-cost monitoring methods in order to demonstrate the interest for developing new tools, to discuss of their use and their advantages.
The aim of this workshop is mainly to discuss the monitoring needs outlined by the WFD and to show how the SWIFT-WFD project is seeking to find ways to comply with WFD requirements. SWIFT-WFD may help to prepare monitoring strategies that will be economically viable while ensuring a high degree of comparability among Member States.
This workshop is open to a wide public in order to improve the dissemination of SWIFT-WFD objectives, to give a general overview of the project and the main expected results.
This workshop will be an opportunity for scientists to share results and issues with policy makers and end-users.
The workshop will be organized on 4 sessions focused on :

- Monitoring programmes (WFD),

Monitoring programmes will play a key role in the implementation process of the WFD. They form the basis for the development of the effective measuring and monitoring programmes. According to the WFD, the first one has to be implemented by the end of 2006.

- Emerging tools for monitoring,

There has been much research and development work to produce and improve methods for water monitoring. One of the SWIFT-WFD objectives is to provide a toolbox of existing and more importantly emerging tools that may respond to the needs of one or more mode of monitoring embedded in the European Water Framework Directive. It includes tools and techniques that may be used for the assessment of physico-chemical, biological and chemical quality elements and parameters (not including hydromorphological elements).

- Quality of monitoring data,

The WFD will represent a powerful management tool only if monitoring data are of reliable and comparable quality. Hence, the objective is to elaborate guidelines including good practice and illustration of emerging methods validation and to provide quality control tools (reference materials).
Moreover, the experience collected will be directly relevant to activities of training and knowledge transfer.

- Socio-economic impact of low-cost monitoring devices,

The assessment of the impact of new monitoring techniques will help policy makers and stakeholders involved in water policy and management to decide whether the development and use of such techniques and monitoring innovation should be promoted, where, for which purpose, and at what cost.

Agenda for the public annual Workshop

7- 8 March 2005, Brussels

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Rue de la Loi 170, BRUSSELS

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7 March 2005

09:30	**Welcome – Registration**	Armines
10:00	**Official opening**	G.LAWRENCE - DG ENV
10:10	**Introduction** SWIFT-WFD objectives, First year results	C. GONZALEZ
	11:00 Coffee break	
11:30	**Session 1 : Water monitoring programmes (WFD)**	P.Quevauviller - DG ENV
	12:30 Lunch	
14:30	**Session 2 : Emerging tools for water monitoring** Existing methods, Promising methods, New developments.	Chair R. GREENWOOD, Co-chair B. ROIG
	16:00 Coffee break	
16:00	**Session 2 : Emerging tools for water monitoring** Discussions	Chair R. GREENWOOD, Co-chair A.M. FOUILLAC
17:00	**Conclusion**	C. GONZALEZ
	20:00 Social dinner	

8 March 2005

09:30	**Session 3 : Quality of monitoring data** QA/QC procedures, Application to emerging methods, Training issues.	Chair R. MORABITO, Co-chair K. KRAMER
	10:30 Coffee break	
11:00	**Session 3 : Quality of monitoring data** Discussions	Chair R. MORABITO, Co-chair E. PRICHARD
	12:00 Lunch	
14:00	**Session 4 : Socio-economic impact of monitoring devices** Impact of low-cost monitoring devices, Integration of SWIFT results into monitoring strategies, Discussion	Chair P. STROSSER, Co-chair E. INTERWIES
	16:00 Coffee break	
16:30	**Conclusion of the workshop**	C.GONZALEZ

Workshop'05

7-8 March 2005

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SCIENTIFIC COMMITTEE

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