



## ABOUT SWIFT-WFD PROJECT

The WFD mainly provides a framework listing quality elements which have to be monitored. However, it does not mandate particular monitoring methods and tools, leaving flexibility to each Member State and water management organisation for choosing the most appropriate and cost-effective method(s). In this context, the EU-funded research project SWIFT-WFD aims at reviewing existing and emerging tools and techniques for (chemical) water quality monitoring, assessing the quality of the information obtained from the implementation by these tools, identifying the main constraints in their application and discussing the relevance of these tools for WFD monitoring. Overall, the SWIFT-WFD project develops a toolbox of existing and emerging methods for chemical status suitable for one or more types of monitoring (surveillance, operational, investigative) under the WFD. It also provides a methodology of validation of new tools by developing appropriate standard solutions.

The SWIFT-WFD project has performed specific field trials (in the Maas River) for selected chemical and biological techniques, followed by tests in real conditions to estimate the performance of the techniques and compare them to traditional methods. Some tools and techniques will be further tested in 6 European river basins covering a diversity of conditions (Aller in Germany, Daugava in Latvia, Orlice in the Czech Republic, Tevere in Italy, Rhine in France and Ribble in the United-Kingdom) and target pollutants (nutrients - in particular nitrogen and phosphorus), nitrates, heavy metals and pesticides. The objective of this testing is to assess (i) the cost implications of applying new techniques in monitoring systems and (ii) the added value new tools and techniques might have in terms of enhanced knowledge and information.

The project came into force on 1<sup>st</sup> January 2004 and will be completed at the end of 2006, considering the requirement of the WFD monitoring programme to be operational by this date.

## ABOUT PUBLIC ANNUAL WORKSHOP (5-6 DECEMBER 2005)

The main objectives of this workshop are to present and discuss progress in SWIFT-WFD project and to share the feedbacks from the field trials and different case studies. The aim of this workshop is to favour interactions with policy makers, water managers and monitoring experts and end-users in order to define the need for improving water monitoring for complying with the requirements of the WFD. In this context, some external experts will develop the usefulness of SWIFT-WFD for Member States (technical and policy-oriented), their expectations in accordance to SWIFT-WFD first results. Moreover, a specific session will be dedicated to outlining the Chemical monitoring activity under WFD and a general discussion will be opened on QA/QC results obtained in the framework of SWIFT-WFD. More precisely, the validation issues will focus on emerging tools/screening methods. Finally, discussions will concentrate on the integration of emerging tools on monitoring strategies on the base of case studies.

This workshop is open to a wide public in order to improve the dissemination of SWIFT-WFD results.

The workshop will be composed of several plenary sessions and one poster session. The poster session is open to participants who wish to present results from their own work that focuses on water monitoring network, priority and emerging pollutants analysis, validation procedures (analytical methods and emerging tools), emerging tools developments. The abstract (one page) should be sent to **Catherine Gonzalez** ([Catherine.gonzalez@ema.fr](mailto:Catherine.gonzalez@ema.fr)) before **November 16<sup>th</sup>**.



**Sixth  
Framework  
Programme**

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