

What is CFIS-ECOPHARMA?

[CFIS-Ecopharma](#) is a €1m research project and unique partnership of six organisations funded by the European Commission which aims to improve the quality of surface waters across Europe and meet new EU legislation standards. It aims to help detect chemical pollutants that pose a potential risk to human and marine health, in particular it aims to help detect contaminants in water, such as pharmaceutical products and herbicides.

Why is there a need to improve surface waters across Europe?

New EU legislation has driven an improvement in analytical techniques to monitor and detect 'emerging contaminants' or chemical pollutants; however the current analysis is expensive, does not produce immediate results and has a slow turnaround time.



PARTNERS



What is CFIS?

CFIS is a sampling device for the control of pollution in water. Developed by Spanish company [Labaqua](#), it enables continuous and accurate sampling over a period of time through advanced technology. The device is based in the most advanced technology for extraction of pollutants in water, SPE and SBSE, which facilitates the analysis of the samples following techniques and protocols.

Advantages of the Continuous Flow Integrative Sampler

- Treatment responses tailored to incoming contaminants
- Provides temporal and spatial information of the pollution sources
- Up to 21 days operative time
- It is the only sampler capable to obtain total concentration
- Versatile for any type of water body
- Easy to handle, transport and use
- High sensitivity
- Includes quality control of the sampling processes



How will the project work?

Funded by the [Eco-innovation initiative of the European Union](#), the two-year project will be the first of its kind and studies will take place in three locations, one in the United Kingdom and two in Spain. The analysis will be performed in drinking water, hospital water, fish farm sea and fresh water. The findings of this study will be published at the end of 2016.

Want to know more? Get in touch...

ENQUIRIES

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