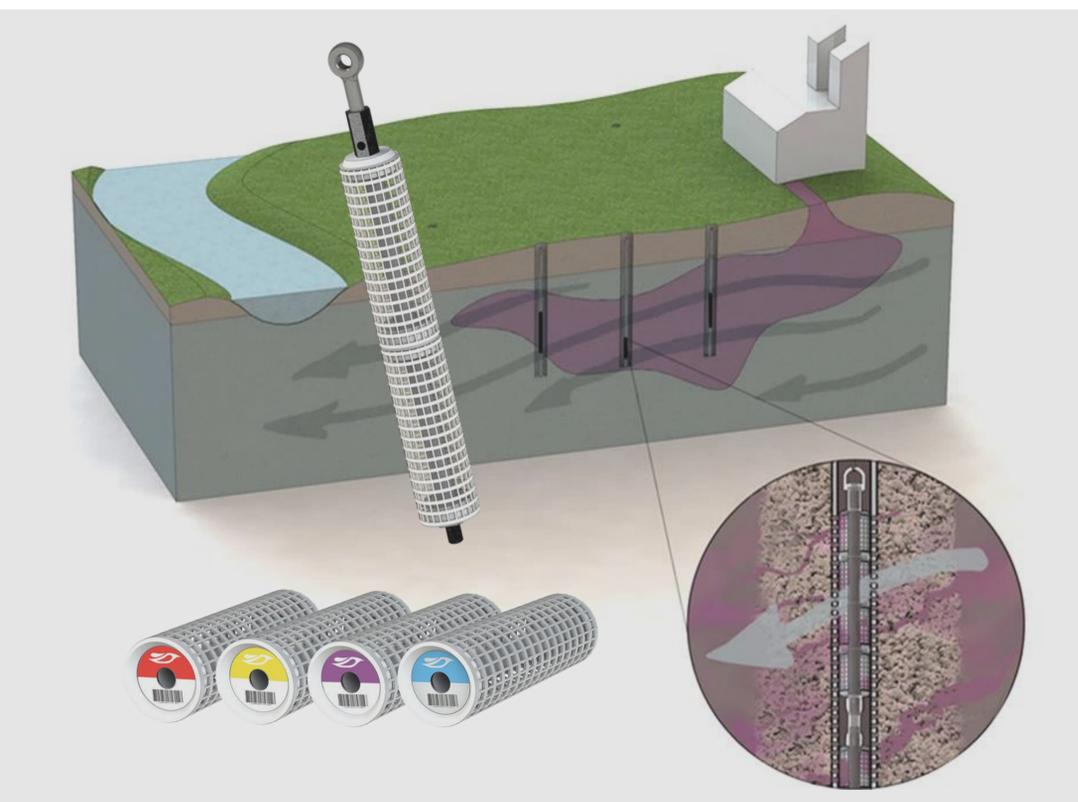




Key information to fast and cost-efficient soil remediation



iFLUX technology

iFLUX developed an innovative groundwater monitoring solution to explore speed and direction of contaminant spreading pollution flow underground over a certain period.

Depending on site specifications, different cartridges are combined into a modular and extendible iFLUX sampler system, which perfectly fits into existing monitoring wells and is able to sample several types of pollution at the same time. Each iFLUX sampler is exposed from 1 week to up to 6 months before retrieval.

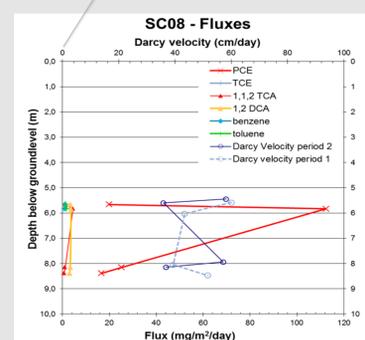
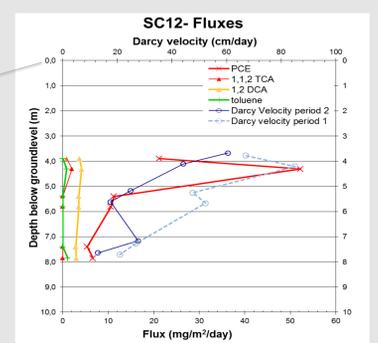
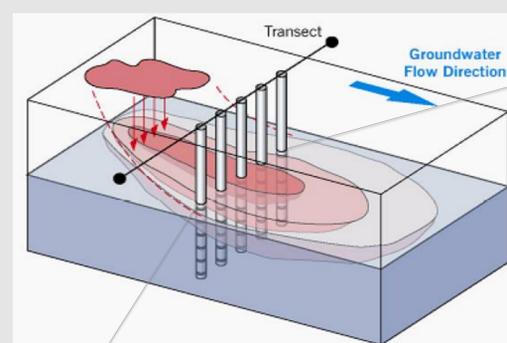
iFLUX currently offers four different cartridge types:

- 3 compound cartridges which are filled with pre-processed sorbents to capture the pollutants of interest (VOCs, heavy metals, nutrients)
- 1 waterflux cartridge which contains a set of water soluble resident tracers which gradually leach into the groundwater according to the flow conditions

Flux measurement results

Flux measurements will provide useful information in virtually all aspects of contaminated site management: better risk characterization to support optimal remediation selection and design (pre), remediation performance monitoring and optimization (during), and long-term monitoring (post).

Well-timed and iterative flux measurements will provide a better set of data and insights to finalize the often lengthy and expensive site remediation process.



Why iFLUX?

- ✓ Avoid soil remediation costs by improved risk-based management
- ✓ Remove the uncertainty of costly and long-lasting remediation processes
- ✓ Assess performance of ongoing remediation measures
- ✓ Perform trustworthy after-care monitoring over time



6 Million polluted sites worldwide



Patented and validated technology



Modular sampler system



Cost reduction up to 30%

iFLUX is a 100% spin-off company of the Flemish Research and Technology Organization and the University of Antwerp. For many years dr. Goedele Verreydt, a well-known expert in the domain of risk assessment on soil contamination, managed several research and development projects to create the unique iFLUX technology.

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