



## Shaping the Future of NTS Portals in Europe

February 26, 2026 | Heinz Singer

**At a recent workshop bringing together 40 experts, jointly organized by Anna-Lena Kronsbein, Jan Koschorreck from the German Environment Agency (Umweltbundesamt), as well as Teofana Chonova, Heinz Singer and Juliane Hollender from Eawag, the interoperability and future of non-target screening (NTS) portals for high-resolution mass spectrometry data were discussed over the course of two days.**

While NTS is a critical tool for exposure assessment, the first NTS portals were developed independently of each other using different metadata standards.

Identified Strategic Objectives:

- **Technical Harmonization:** Enhancing interoperability across national NTS platforms.
- **Infrastructure Development:** Supporting a robust, coordinated European NTS network.
- **Data Integration:** Linking NTS findings to existing national and EU monitoring databases
- **Regulatory Alignment:** Bridging the gap between research communities and chemical management decision-makers.

The path forward involves establishing dedicated working groups to develop regulatory use cases and

transparent quality control protocols, so that we can transition from isolated data silos to a comprehensive monitoring framework covering the entire water cycle.

## Contact



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