

## **The Development of an International Database of (Eco)Toxicity Testing Results**

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The idea of an International Toxicology Information Centre has been around for at least a decade. The vision was that this centre would hold (eco)toxicological data that could be used for a variety of purposes including (Q)SAR work. Although many people generally thought that the idea was good, it lacked momentum until chemicals' legislation, specifically the High Volume Production (HPV) Chemicals Programme, forced manufacturers into radical thinking about how to get hold of data without spending a fortune on testing. Driven by this growing need, the International Life Sciences Institute (ILSI) Structure Activity Relationship (SAR) Database Project was born. This project faced a range of data issues, including what type of data was needed for (Q)SAR work, identifying data sources, data format, data quality and data interpretation. The outcome of the project was a pilot database containing data on a limited number of compounds for an even more limited number of toxic endpoints. The challenges faced by the project sponsors are discussed together with some thoughts on how to overcome some of the data issues. The current activities to develop the pilot database into a large international database of (eco)toxicity testing are described.