

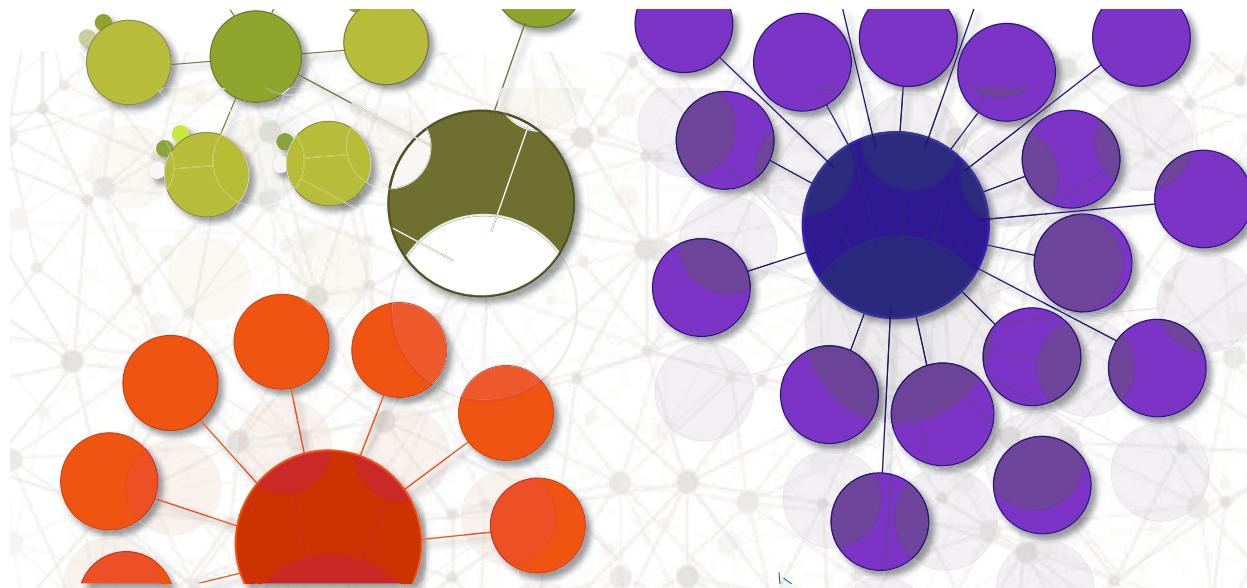
Technical Support for Structured Chemical Evaluation Programs



The Clients

ICF has provided extensive scientific support for many high-profile chemical evaluation programs, including the European Union's (REACH) Registration, Evaluation, Authorization and Restriction of Chemicals program; EPA's pesticide registration and reregistration, EPA's provisional toxicity value, and IRIS (Integrated Risk Information System) programs; and the U.S. Food and Drug Administration's food additive review program. Substantial commonalities appear in supporting each program. Yet, each is different in important aspects and thus requires a tailored approach.

As an illustration of ICF's support for structured chemical evaluation programs, we highlight our REACH activities. REACH was a new set of regulations when we started, with complex rules, extensive test protocols, prescriptive data analysis and reporting formats, and many stakeholders. Our clients included five different consortia of manufacturers responsible for data collection and submittal for more than 200 chemical substances.



The Challenge

As part of legal, regulatory, or policy initiatives, the U.S. Environmental Protection Agency (EPA) and numerous other agencies must evaluate the potential human health and environmental effects of chemicals on an ongoing basis. Often hundreds or even thousands of chemicals must be evaluated in relatively short time frames. Relevant data must be collected, analyzed, and summarized. For many chemicals of interest, critical data gaps and data conflicts can occur.

The ICF Solution

ICF has unmatched experience in assessing the potential human health and environmental effects of chemicals. We know that supporting large chemical evaluation programs such as REACH and others requires us to develop and implement a structured internal process of our own, along with a core team of staff committed to the success of the client's program. At the beginning of our REACH support activities, we recognized that it would be a large and fast moving undertaking. Thus, we identified and deployed a core team of scientists at all levels, including senior expertise in various toxicology specialties. We rapidly developed (and continued to update throughout) written internal procedures and protocols to guide our staff in data collection, review, assessment, and documentation. We employed specific communications methods so that issues were addressed quickly and resolutions circulated immediately within the team. We developed and applied quality assurance procedures for all steps of the chemical evaluation. We held focused staff training and feedback sessions.

Contact

ICF ENVIRONMENTAL RISK SERVICES Learn more about how ICF Environmental Risk Services can help your organization | + 1.703.934.3603 | icfi.com

ICF Advantage

Trusted: ICF International has successfully supported agency chemical evaluation programs in various different contexts and for a diverse set of clients. We have provided this support many times and know how to do so effectively and efficiently.

Adaptable and Responsive: We work diligently to understand fully the objectives and protocols of each client's program. Then we adapt our management approach and staff to that program.

Timely: Our large, highly qualified team of scientists has the right training and experience for this work, allowing us to come up to speed quickly. We rapidly deploy an appropriately tailored team to meet aggressive deadlines while producing top quality analysis and documentation.

Contact

ICF Environmental Risk Services

Learn more about how ICF Environmental Risk Services can help your organization.

For more information, contact:

Jennifer Welham |
jennifer.welham@icfi.com | +1. 703. 218.2639

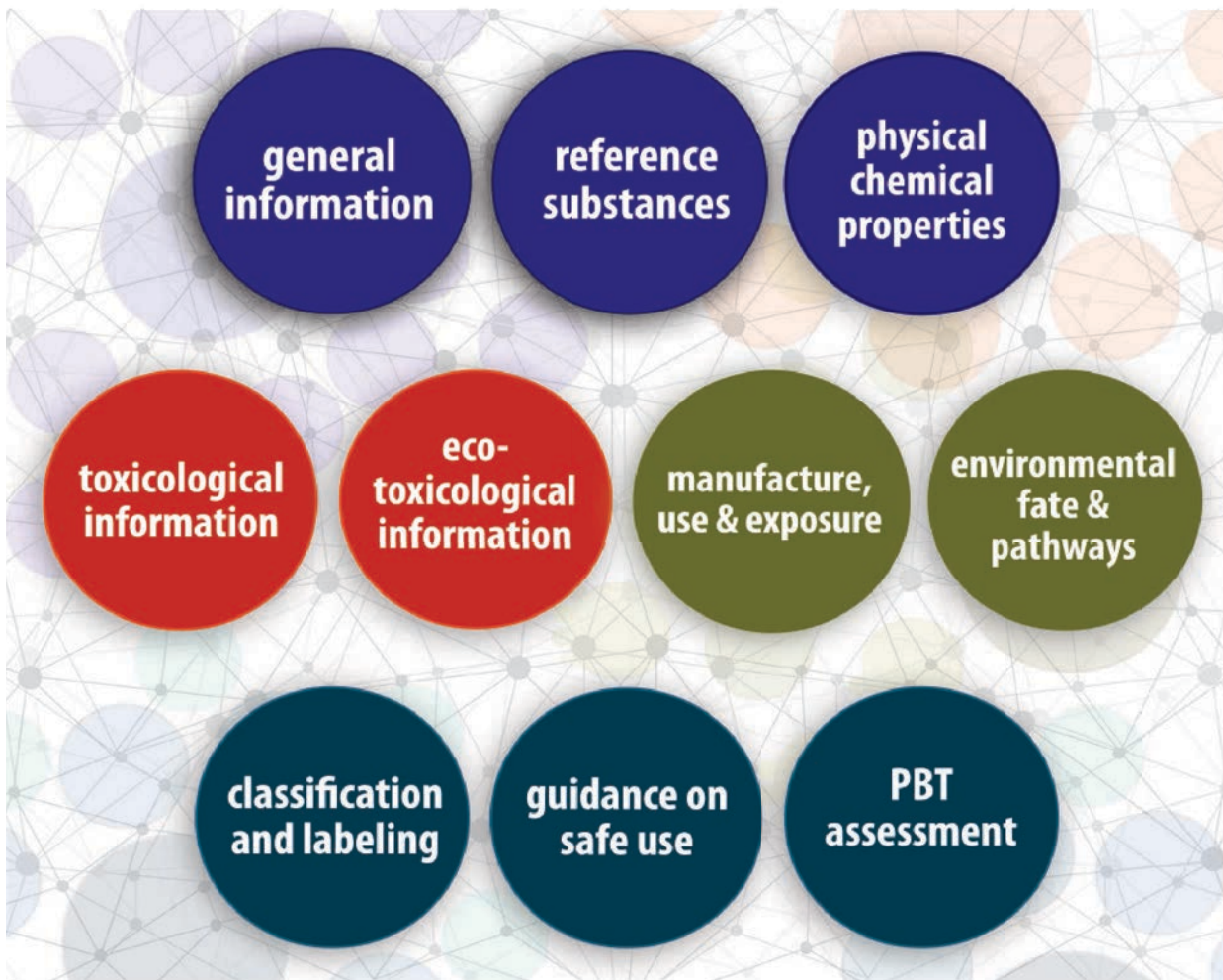
Kim Osborn |
kim.osborn@icfi.com | +1. 703. 934.3124

About ICF International

ICF International (NASDAQ:ICFI) provides professional services and technology solutions that deliver beneficial impact in areas critical to the world's future. ICF is fluent in the language of change, whether driven by markets, technology, or policy. Since 1969, we have combined a passion for our work with deep industry expertise to tackle our clients' most important challenges. We partner with clients around the globe—advising, executing, innovating—to help them define and achieve success. Our more than 4,500 employees serve government and commercial clients from more than 70 offices worldwide. ICF's website is www.icfi.com.

The Results

For our REACH clients, ICF completed data collection, analysis, summarization, and formatting on a very tight schedule for more than 200 chemical substances, including lower and higher olefins, aromatics, organosulfur compounds, petroleum substances such as kerosene and bitumen, and nickel compounds. We performed systematic internal quality checks on the data at various stages. Our final work products met all external quality reviews. We produced Chemical Dossiers and Chemical Safety Reports, using the required data formats, forms, and computer systems, in time to meet aggressive regulatory deadlines for all our chemicals, and maintained full documentation of our data collection and analysis.



Summary of REACH dossier data categories. Underlying data elements are depicted in the following infographic.

