IUCLID 6 EXTRACTION SERVICE

Regflow

Regflow AI Distiller

From study report to **IUCLID 6 file**, at about half the cost

Upload your study reports. Regflow AI Distiller extracts the data into IUCLID 6 files (.i6z), we check the result with a second language model, an RA expert checks the results for plausibility and consistency, and we send it to you by email. Built for regulatory experts: you review the result and keep the final say (human-in-the-loop).

1. Upload the study PDF and tell us your Endpoint
2. → Regflow AI Distiller extracts Endpoint information
3. → Receive the i6z file, checked by a 2nd LLM, with an RA expert check for plausibility and consistency

How it works: Regflow AI Distiller business case, October 2026.

~50%	approx. 90%	48 h	€25 to €400
cost reduction	complete, based on our proof of concept	typical delivery	fixed price per Endpoint

Sources: Regflow AI Distiller business case, October 2026 (own data on file); Terms of Service, version 2026-11-03.

Regflow AI Distiller
A service of Dr. Bonarius Consult GmbH, Zofingen, Switzerland

Try for free

bonariusconsult.ch/regflowai.html
info@bonariusconsult.ch

Why we built **Regflow AI Distiller**

WHY DID WE CREATE REGFLOW AI DISTILLER?

- IUCLID entry needs hours of manual work
- General-purpose LLMs do not extract satisfactorily
- Senior expert hours are the bottleneck: every dossier queues for them
- On the critical path

TIME PER ENDPOINT

8.5 h

Weighted average time of a junior assistant per Endpoint without Regflow AI Distiller (Endpoint complexity split basic, standard, complex, very complex 25:50:20:5).

For comparison: in its proof of concept for EFSA, knoell needed about 840 h to prepare one pesticide dossier (original and renewal) in IUCLID, with only one robust study summary per endpoint.

What you **gain**

COST REDUCTION

Approx. 50% cost reduction

In our business case for 1,000 study reports, the estimated cost reduction is about 65% compared with manual work in Europe, including 20% remaining manual work. Available immediately, and no internal investment needed.

ACCELERATION OF SUBMISSION

Quick turnaround

We typically deliver within 48 hours; larger orders may take longer. IUCLID entry no longer has to sit on the critical path, and you do not discover study or data issues at the end.

CONSISTENCY

Consistent extraction with high quality

Endpoint-tailored extraction, based on the latest IUCLID requirements. No change to your business process and no need to learn new software.

QUALITY AND SCIENCE

Blank rather than wrong

Approx. 90% complete, based on our proof of concept. Regflow AI Distiller fills what the study report supports and leaves the rest to the expert. Experts confirm, overrule and add what is missing (human-in-the-loop).

Sources: Regflow AI Distiller business case, October 2026, and validation results, September 2026 (own data on file); knoell Germany GmbH (2020): Proof of concept pesticides dossier in IUCLID format, final report for EFSA, NP/EFSA/DATA/TS/2019/01, Table 5; bottleneck: Theory of Constraints, Goldratt E.M., Cox J. (1984): The Goal.

Business case **Regflow AI Distiller**

~65%
estimated cost reduction compared with 100% manual work in Europe

€99k
Regflow AI Distiller fees for 1,000 studies

8.5 h
weighted average time of a junior assistant per Endpoint

€k, base of 1,000 studies	Without Regflow AI Distiller (with 100% manual work)	With Regflow AI Distiller (incl. 20% manual work)	Estimated cost reduction
Costs Europe	650 to 835	230 to 265	**~65%**



Upper end of each range, €k.

Assumptions: approx. 1,100 Endpoints; Endpoint complexity split basic, standard, complex, very complex 25:50:20:5; all calculations are for costs and time of a junior regulatory assistant extracting Endpoint information; hourly internal costs in Europe €70 to €90; introductory prices valid through 2026. The 20% remaining manual work has been directionally confirmed through our proof-of-concept work.

Source: Regflow AI Distiller business case, October 2026 (own data on file).

Approx. 90% **complete**

Based on our proof of concept and our validations across five study families: phys-chem, composition, residues, toxicology, environmental fate.

HOW TO READ "APPROX. 90% COMPLETE"

The figure describes the first pass of Regflow AI Distiller, before an RA expert checks the results for plausibility and consistency. Where the study report is silent, the field stays empty: blank rather than wrong. Information a study report cannot provide, e.g. confidentiality, data protection, document links, is left to the expert.

People make mistakes too. In a randomised trial on data extraction for evidence synthesis, 65% (pharmaceutical) and 60% (non-pharmaceutical) of studies extracted by a single person contained at least one error; after a second person cross-checked, it was still 45% and 40%. A methodological review found extraction error rates of up to 50%, and single extraction produced 21.7% more errors than double extraction.

The human figures count studies with at least one error and come from clinical research, so they cannot be compared one to one with our figure. They show that manual extraction is error-prone even when it is double-checked. Regflow AI Distiller does the first pass; the expert stays the reviewer (human-in-the-loop).

Sources: validation of Regflow extractions against the study reports, September 2026 (own data on file); Tang L et al. (2025), Postgrad Med J, doi:10.1093/postmj/qgae195; Mathes T, Klaßen P, Pieper D (2017), BMC Med Res Methodol, doi:10.1186/s12874-017-0431-4; Buscemi N et al. (2006), J Clin Epidemiol, doi:10.1016/j.jclinepi.2005.11.010.

How does it work, and **what does it cost?**

1. **Upload the study PDF and tell us your Endpoint**
   On bonariusconsult.ch/regflowai.html. Up to 100 study reports per order, up to 10 Endpoints each. You see the total before you order.
2. **Regflow AI Distiller extracts Endpoint information**
   Endpoint-tailored extraction, based on the latest IUCLID requirements.
3. **Receive the i6z file**
   Checked by a 2nd LLM; an RA expert checks the results for plausibility and consistency. We typically deliver within 48 hours; larger orders may take longer.

ENDPOINTS IN THESE AREAS

- Physical and chemical properties
- Analytical methods and batch data
- Mammalian toxicology
- Human data
- Residues
- Environmental fate
- Exposure modelling (PEC)
- Ecotoxicology

Your Endpoint is not listed? Contact us.

PRICES

€25 to €400 per Endpoint

A fixed price for each Endpoint, depending on its complexity. A study report with several Endpoints costs the sum of their prices. Invoice after delivery, payable within 30 days. If we cannot extract a report, it is free of charge.

Introductory prices for orders until 31 December 2026, in EUR, excluding VAT. Detailed price list on request by email.

Source: Terms of Service, version 2026-11-03.

LIMITED OFFER

Try it on your own study

One study report with one Endpoint, free of charge, once per company.

Try for free

LARGER VOLUMES

Process more than 500 documents: contact us to extract your historical corpus, literature or for other analyses.

THE TEAM

Thorben Bonarius
Regulatory expert

Vidya Ranade
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Linus Tischmeier
Head of Operations

Talk to us

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Regflow AI Distiller is a service of Dr. Bonarius Consult GmbH, Bärengasse 23, 4800 Zofingen, Switzerland. Results are generated with AI on a best-effort basis; our Terms of Service apply.