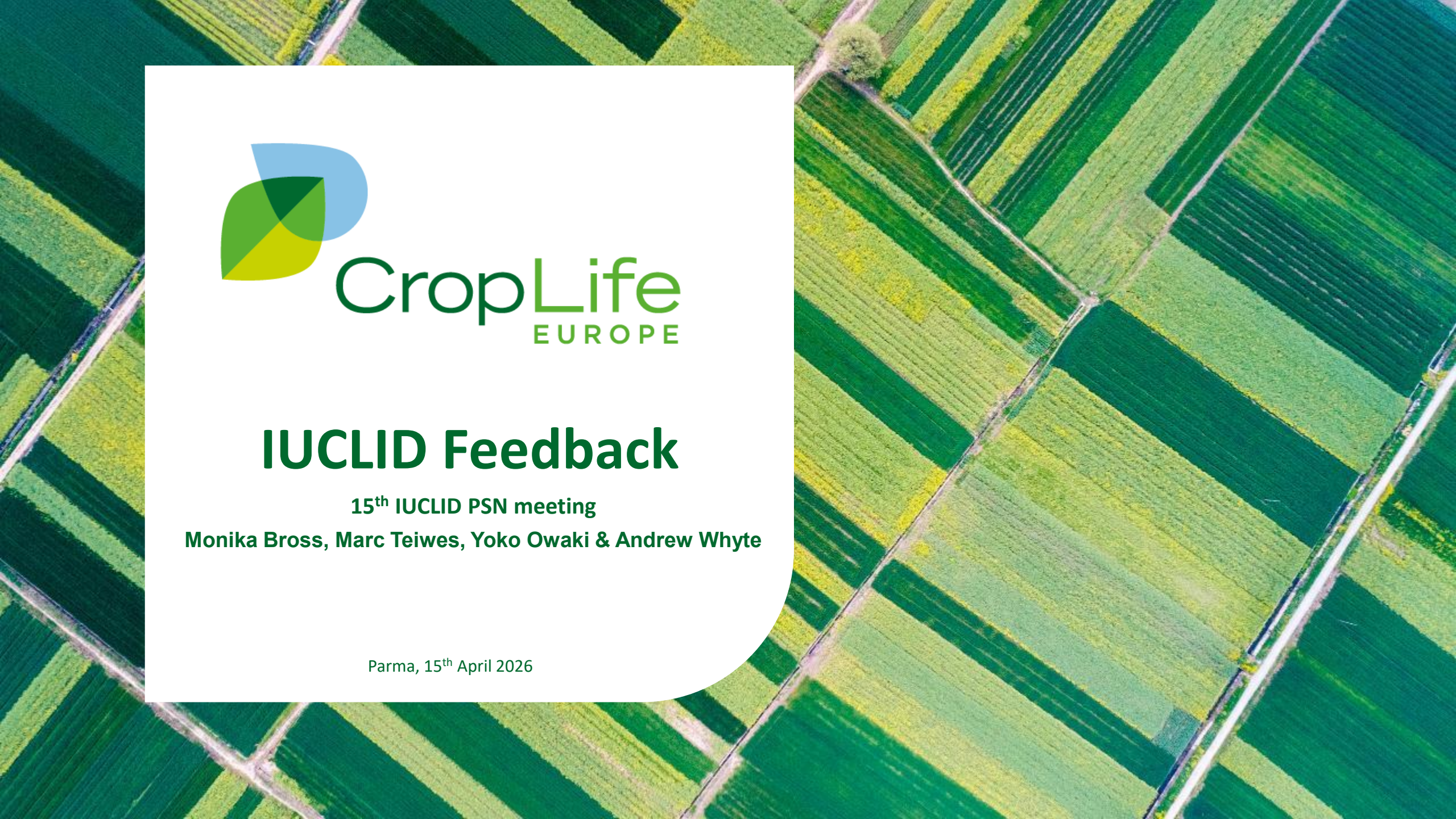

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IUCLID Feedback

15th IUCLID PSN meeting

Monika Bross, Marc Teiwes, Yoko Owaki & Andrew Whyte

Parma, 15th April 2026

Agenda

- Performance issues with IUCLID 6.9

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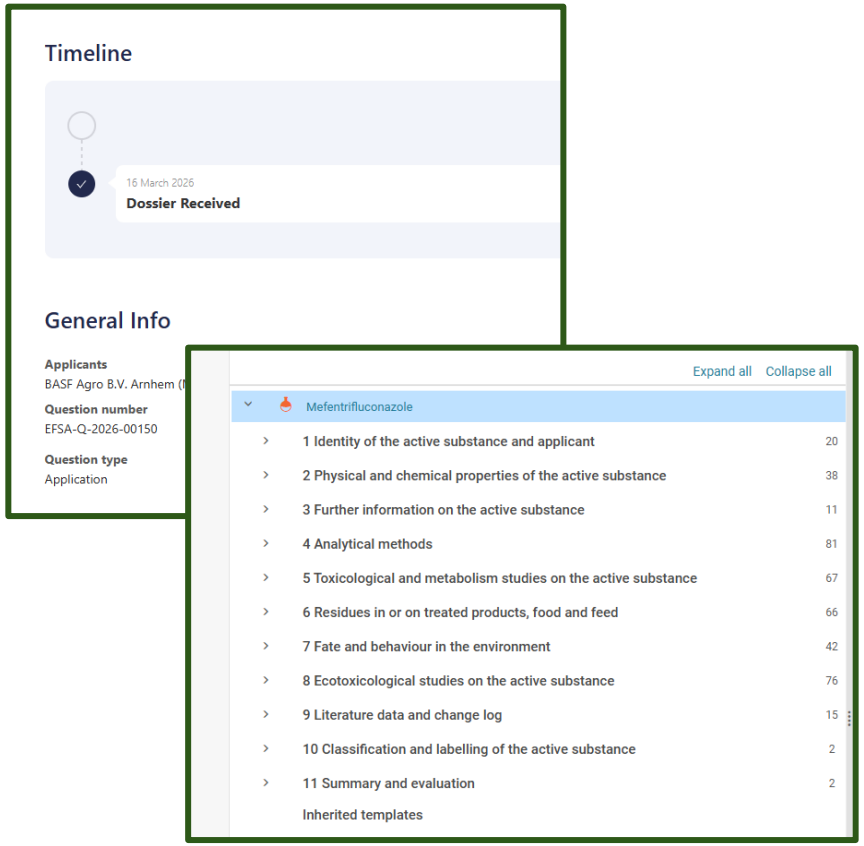
IUCLID - Version 6.9: General Performance issue

Situation

- Mefentrifluconazole was successfully submitted for Renewal in March 2026.
- In total, the dossier for the active substance, metabolites and representative formulations exceeded 11 Gbyte.
- For BASF, it was the biggest dossier ever generated.



- **Dossier compilation and generation was complex and time-consuming**
- **Dissemination preview did not work at all – ECHA/EFSA/Applicant in investigation**

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IUCLID - Version 6.9: Performance issue within data sets





	Qualifier	Guideline	Version / remarks
1			
2			July 22 1997
3			rev. 9 (March 2011)



	Qualifier	Guideline	Version / remarks
1	according to guideline	other: EC 1107/2009 of the European Parliament and of the Council of 21 Oct 2009	
2	according to guideline	SANCO 7029/VI/95 rev.5	July 22 1997
3	according to guideline	other: EEC 7525/VI/95	rev. 9 (March 2011)

User observation

- The loading step of the mixture dossier Section (-> 6.3) and the individual ESR documents included, IUCLID is becoming extremely slow.
- For assessing relevant information in the database fields / screens you must wait some time (up to 15 minutes) and sometimes face timeouts causing the application to crash.
- In addition, while saving, the system does not seem to be stable and sometimes, it is just breaking down.

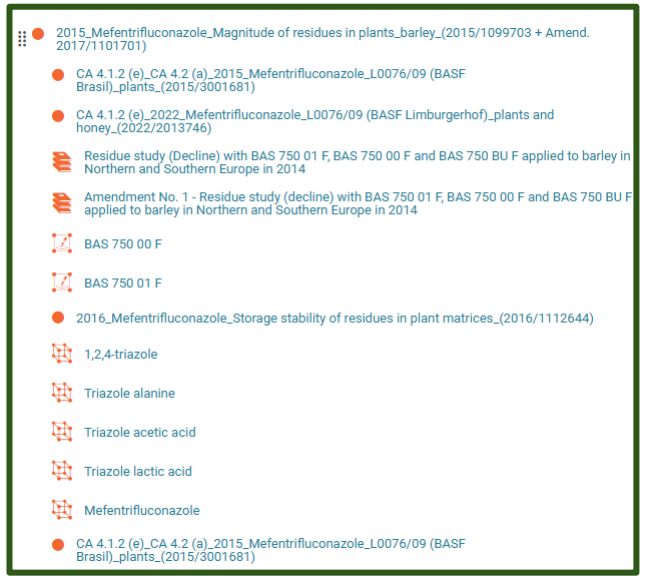
- **If filled as required and discussed: Tables with 1000+ lines may be the result**
- **Consequence: Those documents can not be re-opened in IUCLID anymore**

4

IUCLID - Version 6.9: Identification of reasons

Situation

- With implementation of version 6.9, considerable progress was made for the residue field trial OHTs 85-5 and 85-9. The completely revised OHTs result in a reduction of nesting, inclusion of tables and a linkage of in-life data with results.
- With help of an in-house residue database and the IIP, considerable amount of residue data were uploaded into IUCLID.
- As required, the relevant templates also include cross-references to other studies.



- For ecotox studies: Dose response data were included via a csv upload

- **Many IUCLID formats have been significantly improved**
- **Significant amount of data (residues, ecotox) can be entered in a structured way**

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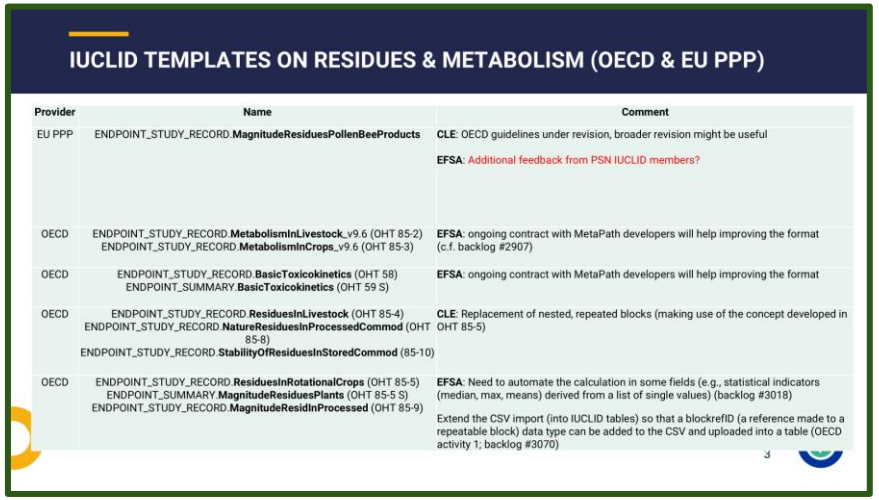
IUCLID - Version 6.9: Applicant's need

Ongoing and future activities – 2027 / 2028 release?

- **Residue / metabolism**
  - New OECD Guidelines / guidance documents:
    - Analytical methods (OHT 87)
    - Storage stability (OHT 85-10)
    - Honey
    - Residue definition
  - Revision of metabolism OHTs / ESRs (developed by the working party)



IUCLID TEMPLATES ON RESIDUES & METABOLISM (OECD & EU PPP)

Provider	Name	Comment
EU PPP	ENDPOINT_STUDY_RECORD.**MagnitudeResiduesPollenBeeProducts**	**CLE**: OECD guidelines under revision, broader revision might be useful **EFSA**: Additional feedback from PSN IUCLID members?
OECD	ENDPOINT_STUDY_RECORD.**MetabolismInLivestock**_v9.6 (OHT 85-2) ENDPOINT_STUDY_RECORD.**MetabolismInCrops**_v9.6 (OHT 85-3)	**EFSA**: ongoing contract with MetaPath developers will help improving the format (c.f. backlog #2907)
OECD	ENDPOINT_STUDY_RECORD.**BasicToxicokinetics** (OHT 58) ENDPOINT_SUMMARY.**BasicToxicokinetics** (OHT 59 S)	**EFSA**: ongoing contract with MetaPath developers will help improving the format
OECD	ENDPOINT_STUDY_RECORD.**ResiduesInLivestock** (OHT 85-4) ENDPOINT_STUDY_RECORD.**NatureResiduesInProcessedCommod** (OHT 85-8) ENDPOINT_STUDY_RECORD.**StabilityOfResiduesInStoredCommod** (85-10)	**CLE**: Replacement of nested, repeated blocks (making use of the concept developed in OHT 85-5)
OECD	ENDPOINT_STUDY_RECORD.**ResiduesInRotationalCrops** (OHT 85-5) ENDPOINT_SUMMARY.**MagnitudeResiduesPlants** (OHT 85-5 S) ENDPOINT_STUDY_RECORD.**MagnitudeResidInProcessed** (OHT 85-9)	**EFSA**: Need to automate the calculation in some fields (e.g., statistical indicators (median, max, means) derived from a list of single values) (backlog #3018) Extend the CSV import (into IUCLID tables) so that a blockrefID (a reference made to a repeatable block) data type can be added to the CSV and uploaded into a table (OECD activity 1; backlog #3070)

- **Environmental fate**
- **Ecotoxicology**

- **If ambitious goals can be met: IUCLID Capacity / performance issue must be solved with HIGH priority (ECHA)**

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Thank You!

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