Major release of IUCLID 6 with format changes

IUCLID 6 Version 8.0.1

16th May 2024

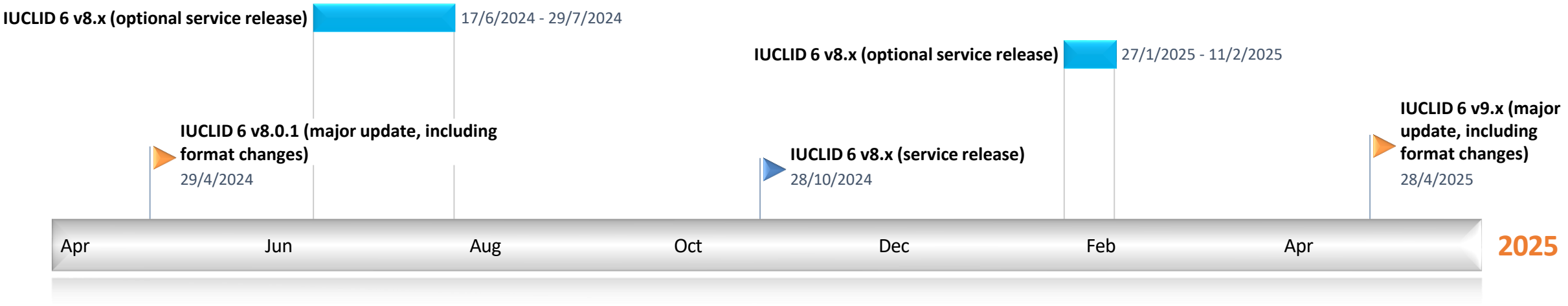
IUCLID 6 is developed by the European Chemicals Agency in association with the OECD

Introduction to IUCLID 6 version 8

IUCLID version 8.0.1

Version 8.0.1 - release webinar

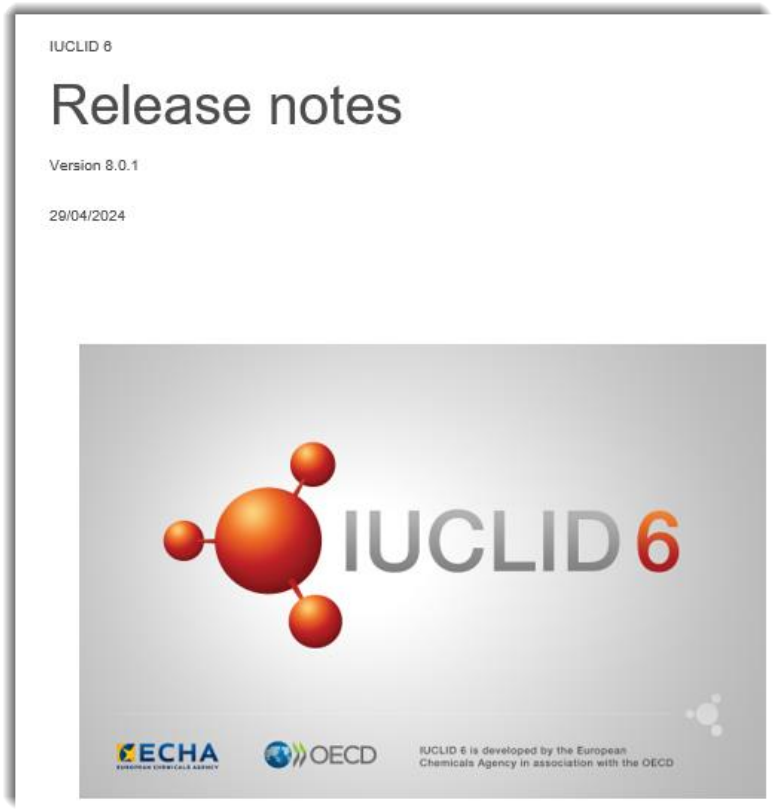
Release plan



Version 8.0.1 - release webinar

Release notes

- Details about the releases are maintained in the Release notes* published on the IUCLID website
- Release notes are updated each time a IUCLID release is shared with (a group of) users



* https://iuclid6.echa.europa.eu/documents/1387205/1809509/IUCLID_6_Release_Notes.pdf

Version 8.0.1 - release webinar

Overview of the release scope

- This is a major IUCLID release, with format changes

- It also includes fixes and improvements
  - Display of documents in the correct order in different places of the interface
  - Show pictograms in the Classification records retrieved from ECHA's inventory
  - Improve the display of additional texts linked to picklist entries
  - Update of report templates and validation assistant rules (mainly to adapt to the new format)
  - Fix for Known issue #116: data migrated as attachments instead of to the relevant field

Version 8.0.1 - release webinar

Deciding to upgrade

- Verify which version of IUCLID is accepted by the recipients of your data
- Check the release notes
- Refer to existing known issues
- Verify the compatibility of tools integrated with IUCLID

https://iuclid6.echa.europa.eu/faq#known_issues

Version 8.0.1 - release webinar

Agenda for today

Introduction to IUCLID 6 version 8	François Le Goff
Overview of main format changes	François Le Goff Leea Kokko
Information relevant to specific user groups	Anna Daszyńska, Dorota Burchard-Sosnowska
Advice for upgrading IUCLID & Conclusions	Robin Allen

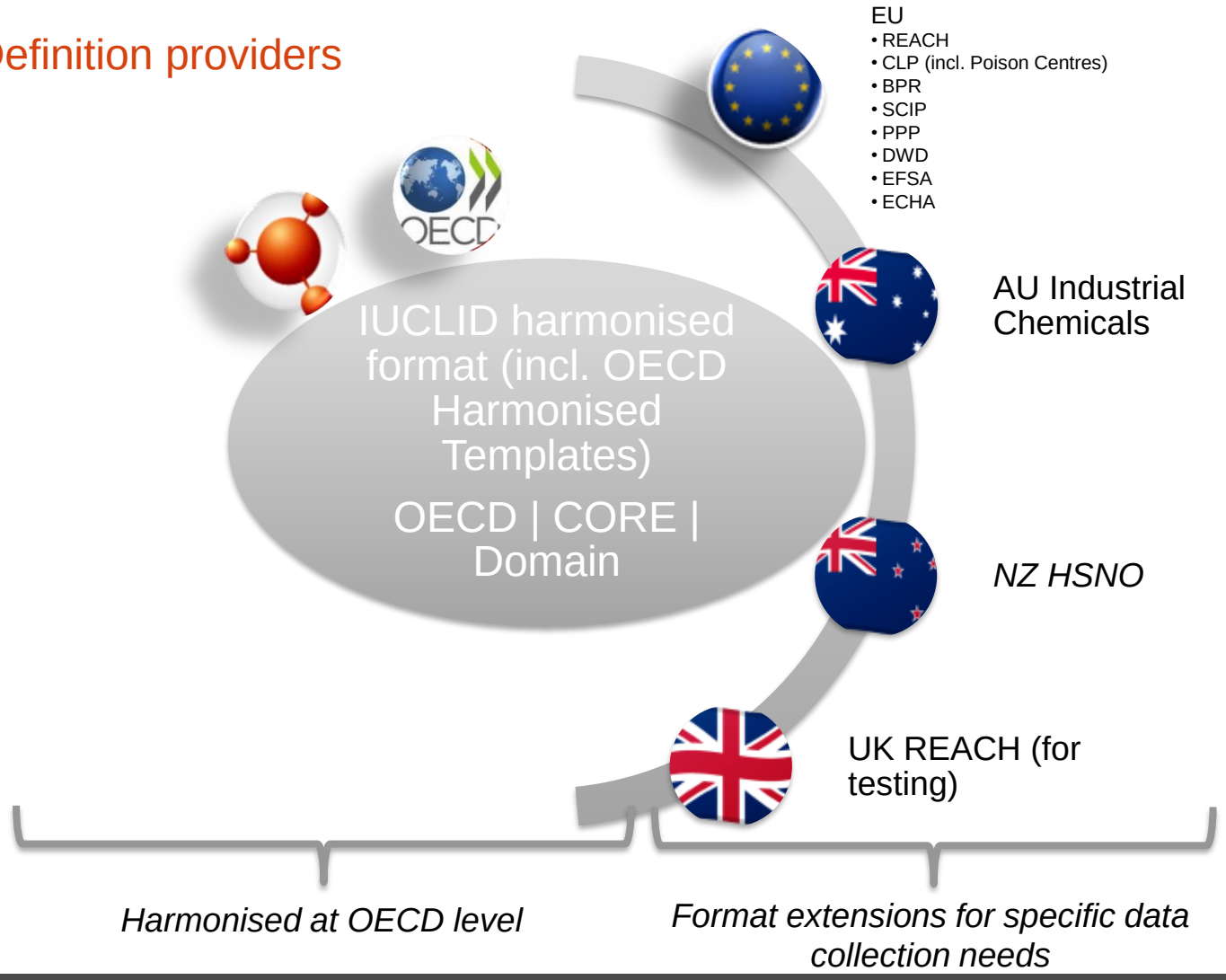
Overview of main format changes

IUCLID version 8.0.1

- Francois Le Goff
- Leea Kokko

IUCLID format changes 2024

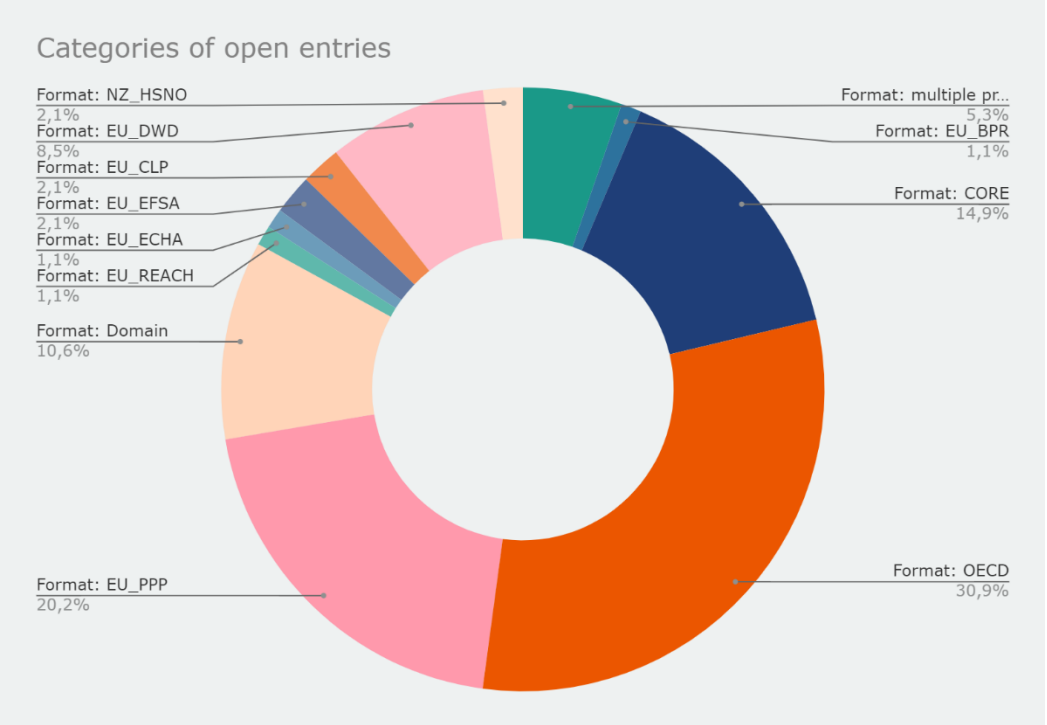
Organisation in Definition providers



IUCLID format changes 2024

Requirements

- IUCLID users, including organisations that have implemented IUCLID, are regularly providing feedback and requirements, this includes changes to the IUCLID format
- These requirements are collected all year long
- For the preparation of the format changes published in April 2024, requirements have been collected, reviewed, prioritised and 94 of them have been implemented

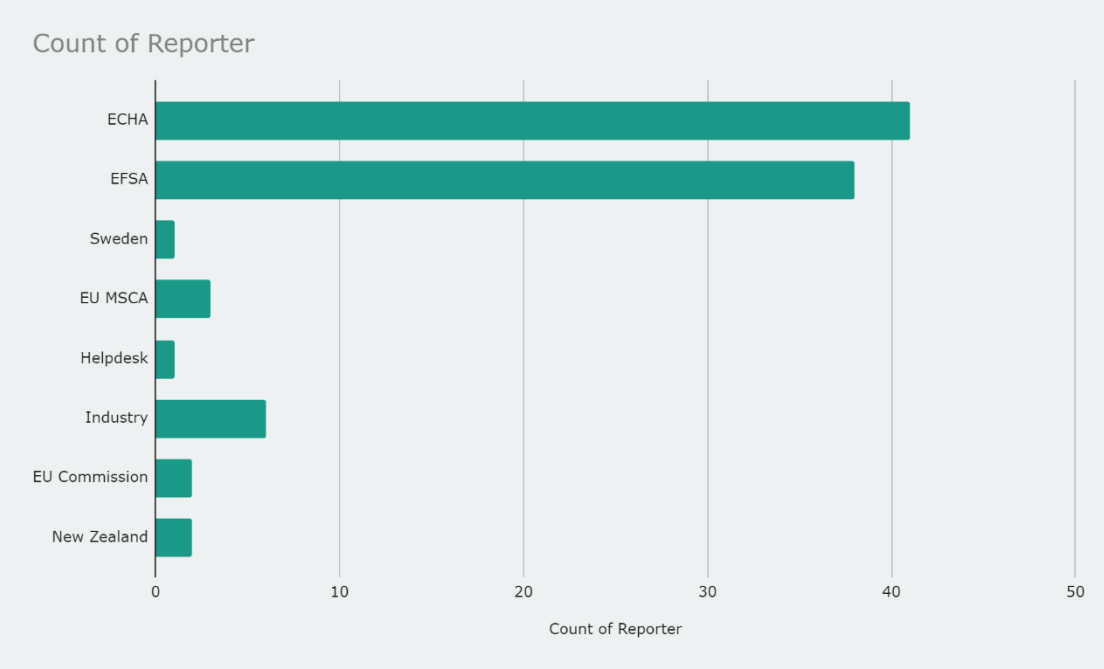


Repartition, by definition providers, of format changes requests for the April 2024 release of IUCLID

IUCLID format changes 2024

Main drivers of the 2024 update

- Apart from the standard maintenance of the format based on IUCLID users feedback, the main drivers for this format updates are:
  - EU Classification, Labelling and Packaging regulation updates
  - EU Drinking Water Directive implementation
  - Improvement of data collection and processes in:
    - ECHA: REACH, BPR
    - EFSA: PPP
  - New and updated OECD test guidelines



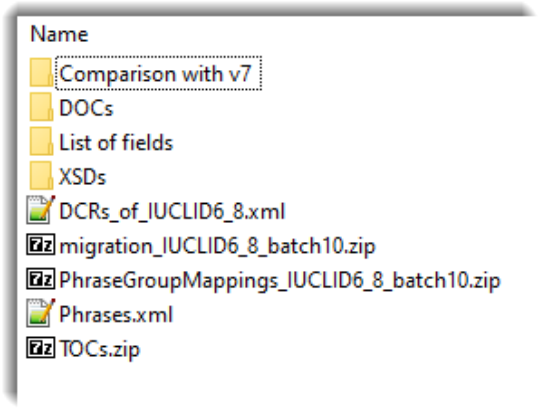
Origin of prioritised requirements

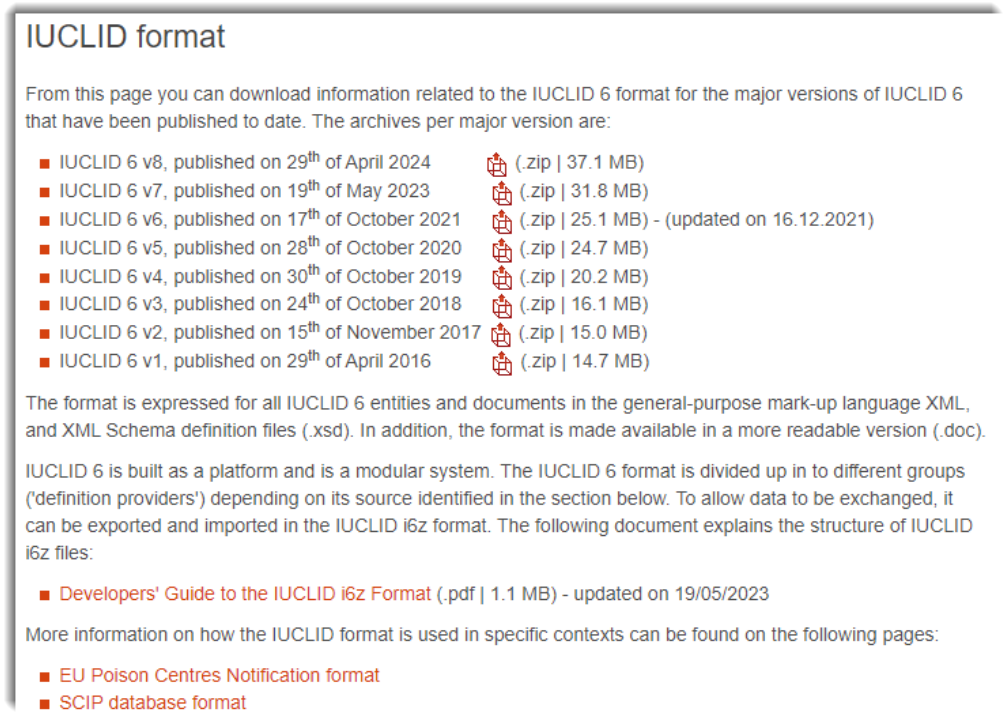
https://iuclid6.echa.europa.eu/format

IUCLID format changes 2024

Format documentation package

- All XML Shema Definitions files (.xsd)
- User-readable IUCLID documents representation (.doc)
- Lists of all IUCLID fields (.xls)
- Comparison files showing the differences compared to the previous version of the format, i.e. v8 compared to v7
- Migration rules implemented in IUCLID
- Dynamic content rules, to describe the conditional display rules linked to specific IUCLID fields in the IUCLID 6 web interface





IUCLID format

From this page you can download information related to the IUCLID 6 format for the major versions of IUCLID 6 that have been published to date. The archives per major version are:

- IUCLID 6 v8, published on 29th of April 2024 (.zip | 37.1 MB)
- IUCLID 6 v7, published on 19th of May 2023 (.zip | 31.8 MB)
- IUCLID 6 v6, published on 17th of October 2021 (.zip | 25.1 MB) - (updated on 16.12.2021)
- IUCLID 6 v5, published on 28th of October 2020 (.zip | 24.7 MB)
- IUCLID 6 v4, published on 30th of October 2019 (.zip | 20.2 MB)
- IUCLID 6 v3, published on 24th of October 2018 (.zip | 16.1 MB)
- IUCLID 6 v2, published on 15th of November 2017 (.zip | 15.0 MB)
- IUCLID 6 v1, published on 29th of April 2016 (.zip | 14.7 MB)

The format is expressed for all IUCLID 6 entities and documents in the general-purpose mark-up language XML, and XML Schema definition files (.xsd). In addition, the format is made available in a more readable version (.doc).

IUCLID 6 is built as a platform and is a modular system. The IUCLID 6 format is divided up in to different groups ('definition providers') depending on its source identified in the section below. To allow data to be exchanged, it can be exported and imported in the IUCLID i6z format. The following document explains the structure of IUCLID i6z files:

- Developers' Guide to the IUCLID i6z Format (.pdf | 1.1 MB) - updated on 19/05/2023

More information on how the IUCLID format is used in specific contexts can be found on the following pages:

- EU Poison Centres Notification format
- SCIP database format

IUCLID format

Example of changes to specific definition providers

- Australia
  - Update of relevant table of Contents to refer to the new version of the OHTs on Use and Exposure information

- New Zealand
  - Update of phrase groups in several documents

More information communicated by the relevant authorities to the relevant user groups

IUCLID format

Example of changes to specific definition providers

- EFSA and EU PPP
  - Introduction of the ‘Contributor’ role in the dossier header (e.g. for data submitted with a Letter of Access)
  - New flexible summary on ‘Impurities’ to comply with Commission Regulation (EU) No 283/2013
  - New flexible summary for ‘Definition residues biomonitoring’
  - Update of the flexible summary ‘Summary of evaluation’: new field ‘Complementary information’ to distinguish the type of bibliography or supporting documentation to support Basic substance applications
  - Micro-organisms: changes to support the assessment of secondary metabolites in accordance with new data requirements on microorganisms and SANCO/2020/12258 metabolite guidance
  - New section “Endocrine disrupting properties” (for active substances) to report in vivo and in vitro/in chemico endocrine disrupting test results
  - GAP document has two new fields: "Concentration of target a.s. in dilution“ and "Concentration of other a.s. in dilution“
  - Validation rules and filtering logic updated

More information communicated by the relevant authorities to the relevant user groups

IUCLID format

Example of changes to specific definition providers

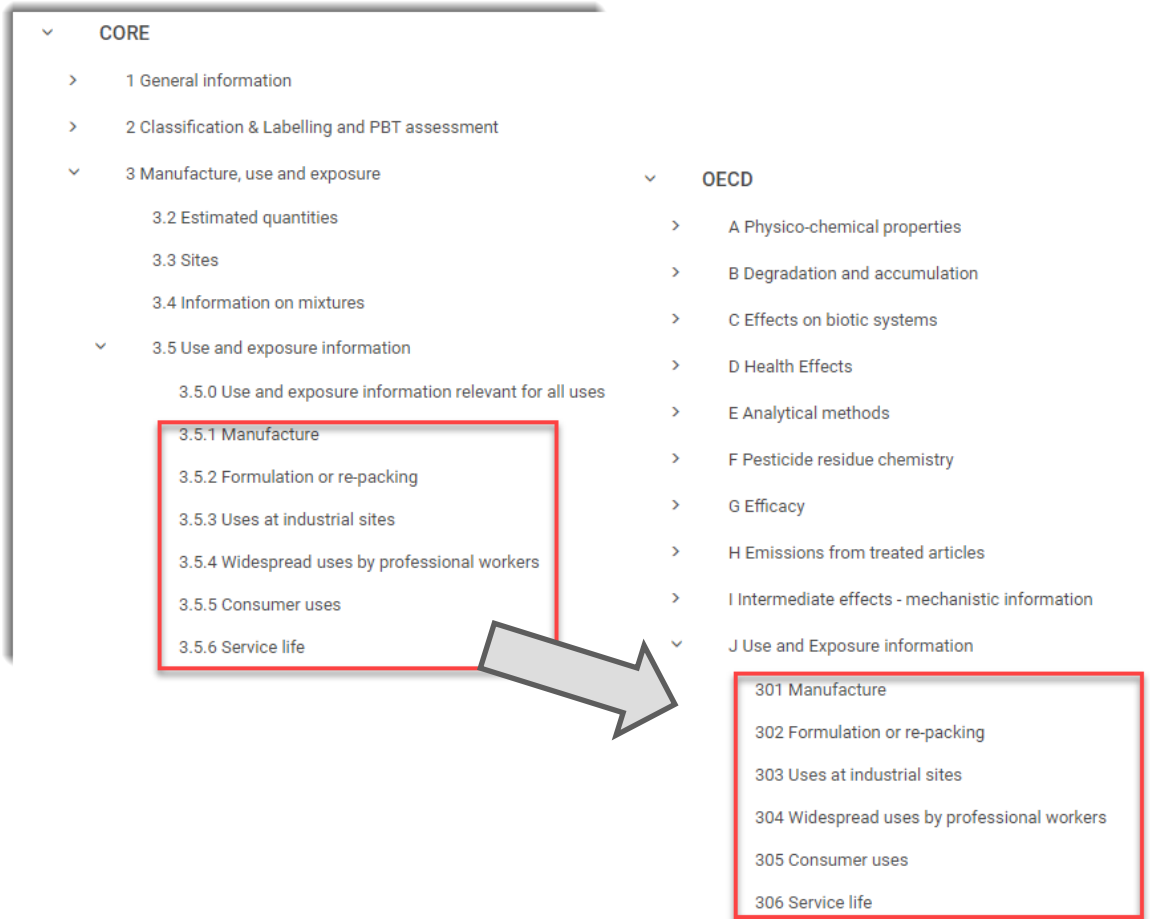
- EU CLP (Poison Centres Notification)
  - Possibility to link several mixtures for group submissions
  - New update justification added
- EU ECHA
  - For dissemination of information under ECHA CHEM, there will be an indication whether a dossier was filtered according to the pre-REACH legislation (cf. filtered as NONS)
- Changes relevant to EU Biocides (BPR) and EU Drinking Water Directive covered in this webinar

More information communicated by the relevant authorities to the relevant user groups

Changes to the OECD Harmonised Templates

Harmonisation of the ‘Use and Exposure’ Templates

- Use and exposure information OECD Harmonised Templates have been created in 2016 (OHTs 301 to 306)
- Use and Exposure information ‘REACH templates’ were still in use until now
- In 2023 a proposal was sent by ECHA for further harmonisation
- In April 2024, only one set of templates exist for storing Use and Exposure information



Changes to the OECD Harmonised Templates

(Q)SAR Assessment Framework 1/2

- Changes have been made to all study summaries to improve the reporting of (Q)SAR studies in IUCLID
  - 18 new fields added regarding (Q)SAR models, their validation and applicability
    - The new fields are visible to the user only if **Type of information** of the study is specified as **(Q)SAR**
  - Changes to picklist values in field “Rationale for reliability incl. deficiencies”
  - Adjustments to (Q)SAR-related text templates and help texts in several fields

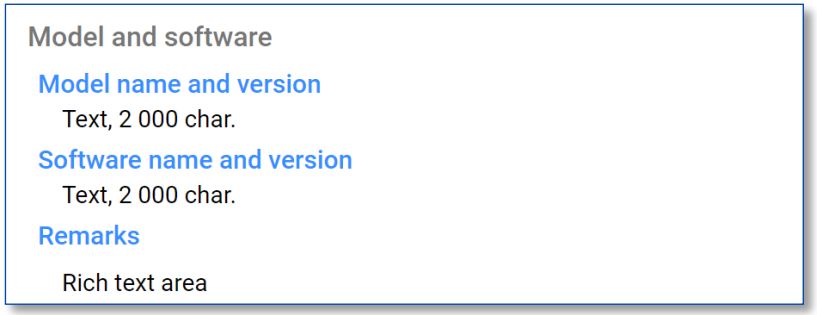
- To implement the (Q)SAR assessment framework, adopted by the OECD in 2023
  - Helps regulators assess (Q)SAR studies, supports alternatives to animal testing

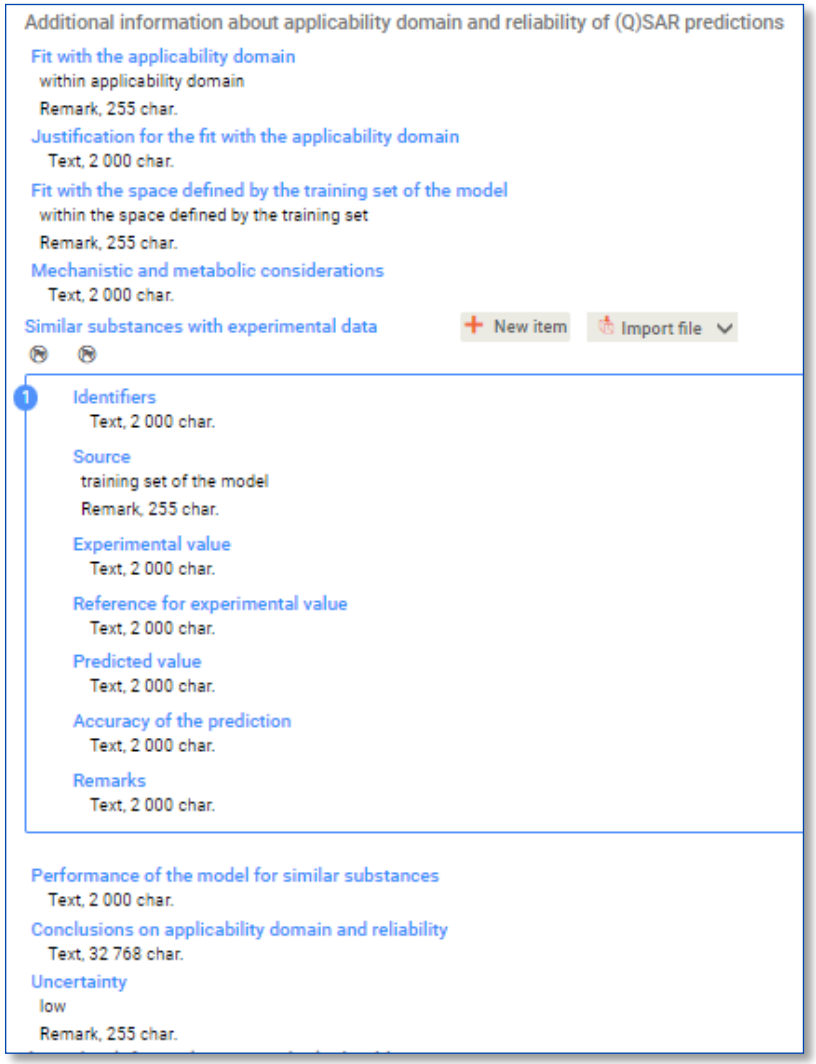
Changes to the OECD Harmonised Templates

(Q)SAR Assessment Framework 2/2

- 3 new fields under section **Materials & Methods**
  - To describe the model and software used

- 15 new fields under section **Results & Discussion**, to structure information on:
  - Applicability domain
  - Reliability of (Q)SAR predictions
  - Analogues (“Similar substances with experimental data”)
  - Uncertainty





Changes to the OECD Harmonised Templates

Alignment of result reporting in environmental fate study summaries

- The result reporting in selected environmental fate templates was better aligned by introducing the result sections **Material (mass) balance** and **Disappearance time (DT) of parent compound** to the following documents, as applicable:
  - OHT 25 Hydrolysis
  - OHT 26 Phototransformation in water
  - OHT 27 Phototransformation in soil
- The result sections were already used in:
  - OHT 29 Biodegradation in water and sediment: simulation tests
  - OHT 30 Biodegradation in soil

Material (mass) balance + New item | Import file

#	Key result	Sampling ti...	Sampling c...	% Total ext...	% Minerali...	% Other vol...	% Recovery	St. dev.
1	☑	2.5 h	irradiated sample	> 75 - < 85	> 8 - < 10	> 1 - < 2	> 85 - < 86	2

Disappearance time (DT) of parent compound + New item | Import file

#	Key result	Parameter	Value	St. dev.	Type of ki...	Type of va...	Temp.	Chi-squar...	p-value (t-...	Kinetic pa...
1	☑	DT50 Remark	> 12 - < 12.5 h	0.5	(pseudo-)first order (= half-life) Remark	degradation time	> 20 - < 21 °C	0.2	> 0.05 - < 0.07	Free text (e.g. alpha = 0,5)

Changes to the OECD Harmonised Templates

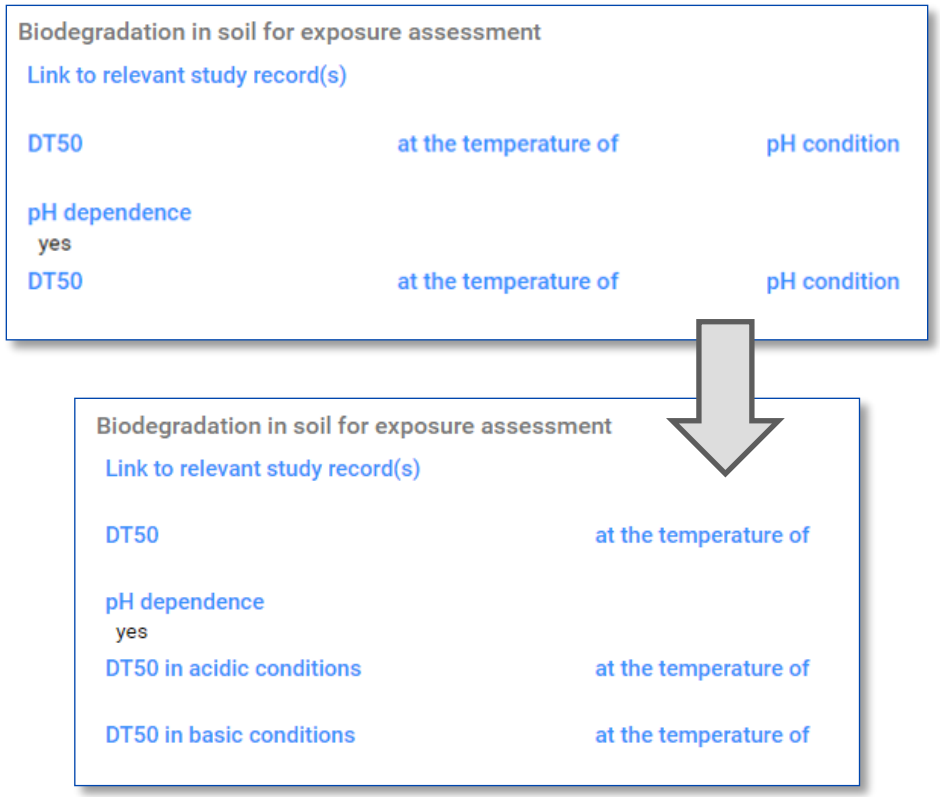
Revision of OECD Harmonised Templates by the OECD Secretariat

- To take into account the evolution of OECD Test Guidelines, the OECD Secretariat has proposed revisions to the following OHTs:
  - OHT 29 Biodegradation in water and sediment: simulation tests (new TG 320)
  - OHT 48-2 Endocrine disrupter testing in aquatic vertebrates - in vivo/embryo (TG 240, new TG 251)
  - OHT 49 Sediment toxicity (TG 218, TG 219)
  - OHT 65 Eye Irritation (new TG 467, new TG 492B, TG 496)
  - OHT 71 Genetic toxicity in vivo (new TG 470, TG 488)
  - OHT 105 Nanomaterial specific surface area → Nanomaterial specific surface area and skeletal density (new TG 124)
  - OHT 107 Nanomaterial surface chemistry (new TG 126)

Changes to the OECD Harmonised Templates

Endpoint summaries

- OHT 30 S Biodegradation in soil & OHT 39 S Field studies
  - Changes to how pH dependent key values are reported
- OHT 34 S Adsorption/desorption
  - Enabling the reporting of pH dependent key values
- OHT 39 S Field studies
  - Correction of referenced document
- OHT 67 to 69-2 S Repeated dose toxicity
  - Fields "Experimental exposure time per week ~~(hours/week)~~“
    - Units "days/week“ and “hours/week” introduced in the oral and dermal/inhalation route fields, respectively
- Flexible record OHT 201 Intermediate effects - mechanistic information
  - Changes to how attachments can be provided in the Materials and methods and Results and discussion sections



Information relevant to specific user groups

- EU Classification, Labelling and Packaging regulation (CLP)
- EU Biocidal Products Regulation (BPR)
- Drinking Water Directive (DWD)

Information relevant to specific user groups

- EU Classification, Labelling and Packaging regulation (CLP)

IUCLID version 8.0.1

- Anna Daszyńska

IUCLID format changes 2024 webinar

Amendments to EU CLP regulation: key information

- EU CLP regulation implements UN Globally harmonised system for classification and labelling (GHS).
- Recently, EU Commission amended the CLP regulation with new hazard classes that are not covered by GHS. The change entered into force in April 2023.
- Information on new hazard classes can be submitted to ECHA in dossiers under the CLP, REACH and Biocidal Products regulations.
- Different transition periods apply for substances and mixtures (New hazard classes 2023 - ECHA (europa.eu)).
- No changes to the completeness check of REACH registrations in relation to the new hazard classes, but the IUCLID Validation assistant will remind companies to start entering this data whenever available.
- Manuals on dossier preparation updated accordingly (Manuals - ECHA (europa.eu))

IUCLID format changes 2024 webinar

New fields for reporting new hazard classes

Health hazards:

Endocrine disruption for human health (EU CLP)

Hazard category	Hazard statement
ED HH 1	EUH380: May cause endocrine disruption in humans. [European Union]

Environmental hazards:

Endocrine disruption for the environment (EU CLP)

Hazard category	Hazard statement
ED ENV 1	EUH430: May cause endocrine disruption in the environment. [European Union]

Persistent, Bioaccumulative and Toxic or Very Persistent, Very Bioaccumulative properties (EU CLP)

Hazard category	Hazard statement
PBT	EUH440: Accumulates in the environment and living organisms including in humans. [European Union]

Persistent, Mobile and Toxic or Very Persistent, Very Mobile properties (EU CLP)

Hazard category	Hazard statement
PMT	EUH450: Can cause long-lasting and diffuse contamination of water resources. [European Union]

Hazard class and category code	Hazard statement code	Hazard statement
ED HH 1	EUH380	May cause endocrine disruption in humans
ED HH 2	EUH381	Suspected of causing endocrine disruption in humans
ED ENV 1	EUH430	May cause endocrine disruption in the environment
ED ENV 2	EUH431	Suspected of causing endocrine disruption in the environment
PBT	EUH440	Accumulates in the environment and living organisms including in humans
vPvB	EUH441	Strongly accumulates in the environment and living organisms including in humans
PMT	EUH450	Can cause long-lasting and diffuse contamination of water resources
vPvM	EUH451	Can cause very long-lasting and diffuse contamination of water resources

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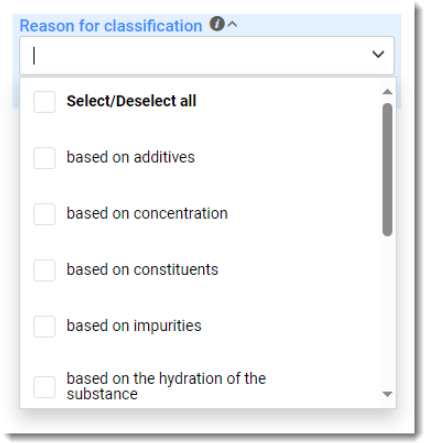
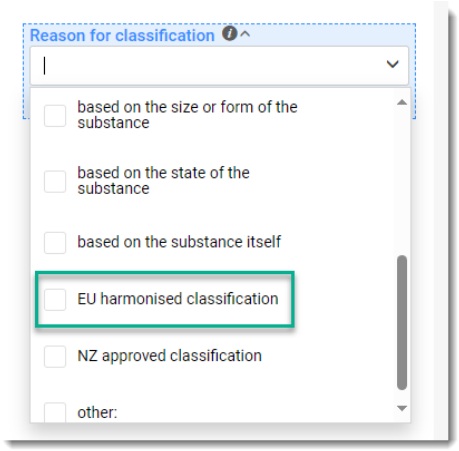
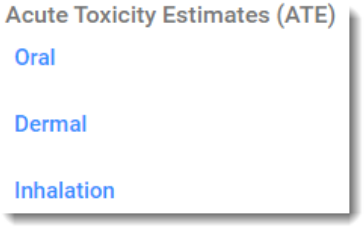
Additional new fields

Reason for classification:





Acute Toxicity Estimates (ATE):



Information relevant to specific user groups

- EU Biocidal Products Regulation (BPR)

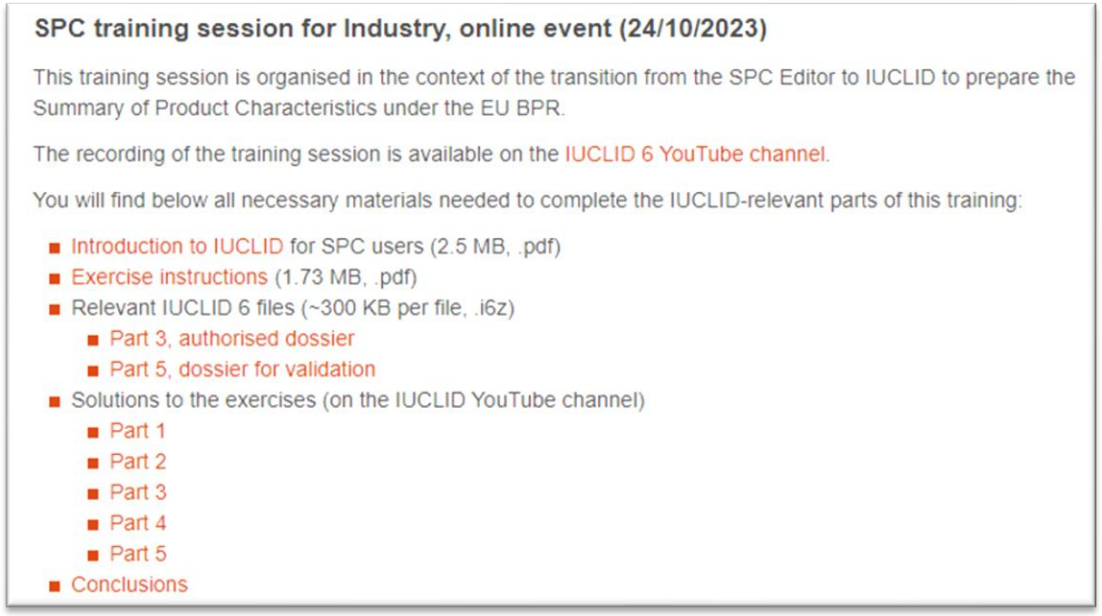
IUCLID version 8

- Dorota Burchard-Sosnowska

IUCLID format changes 2024 webinar

BPR Summary of product characteristics (SPC): key information

- Since February 2024, the SPC Editor was discontinued and replaced with **SPC in IUCLID**
  - Dedicated webinar 'Get ready for the transition of SPC into IUCLID' took place 15.02
  - Training material from SPC training session for Industry (24/10/2023) available on the IUCLID website



SPC training session for Industry, online event (24/10/2023)

This training session is organised in the context of the transition from the SPC Editor to IUCLID to prepare the Summary of Product Characteristics under the EU BPR.

The recording of the training session is available on the IUCLID 6 YouTube channel.

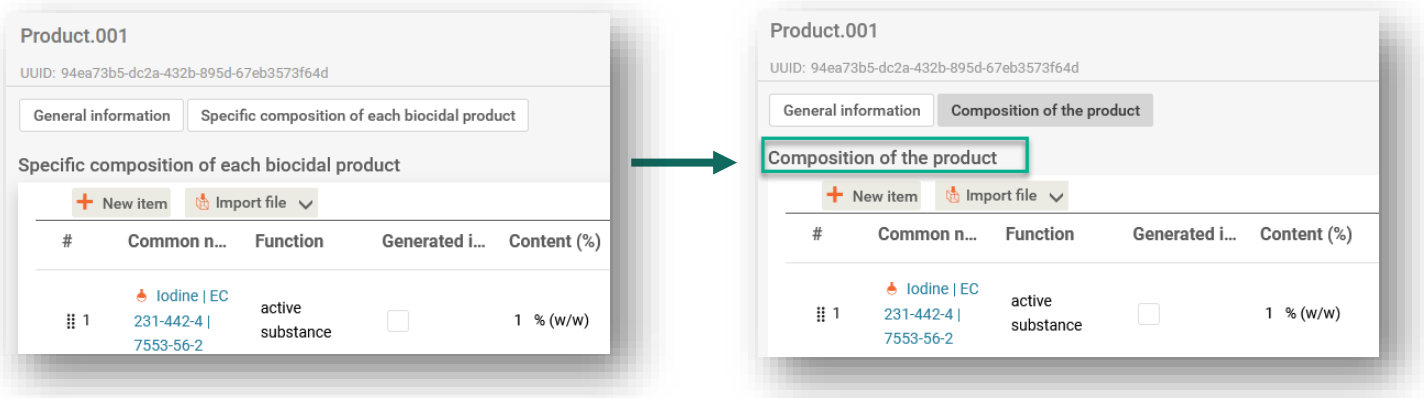
You will find below all necessary materials needed to complete the IUCLID-relevant parts of this training:

- Introduction to IUCLID for SPC users (2.5 MB, .pdf)
- Exercise instructions (1.73 MB, .pdf)
- Relevant IUCLID 6 files (~300 KB per file, .i6z)
  - Part 3, authorised dossier
  - Part 5, dossier for validation
- Solutions to the exercises (on the IUCLID YouTube channel)
  - Part 1
  - Part 2
  - Part 3
  - Part 4
  - Part 5
- Conclusions

IUCLID format changes 2024 webinar

BPR Summary of product characteristics (SPC): format changes

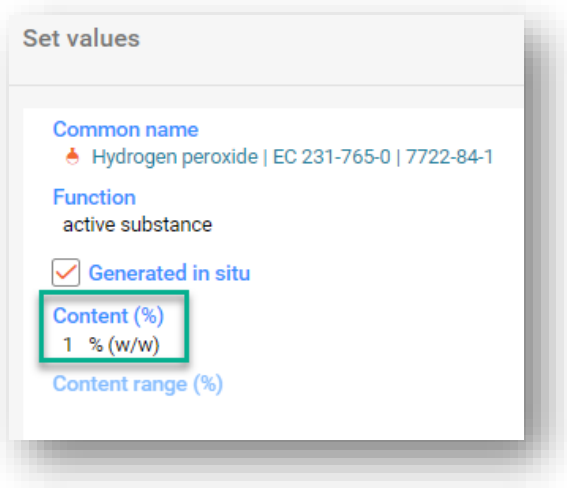
- 'Product'
  - Header 'Specific composition of each biocidal product' replaced by 'Composition of the product' (v.8.0.1)



IUCLID format changes 2024 webinar

BPR Summary of product characteristics (SPC): format changes

- 'Product'
  - both Content (%) and Content range (%) allowed to be reported for an active substance generated in situ, but if one option is selected, the other is blocked (v.8.0.1)



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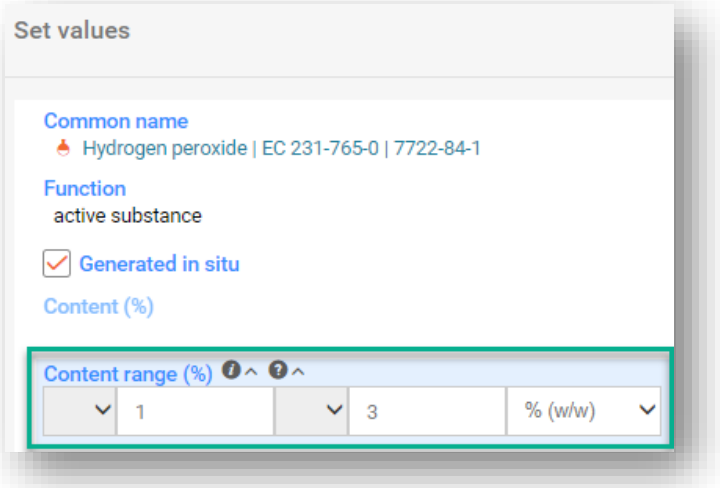
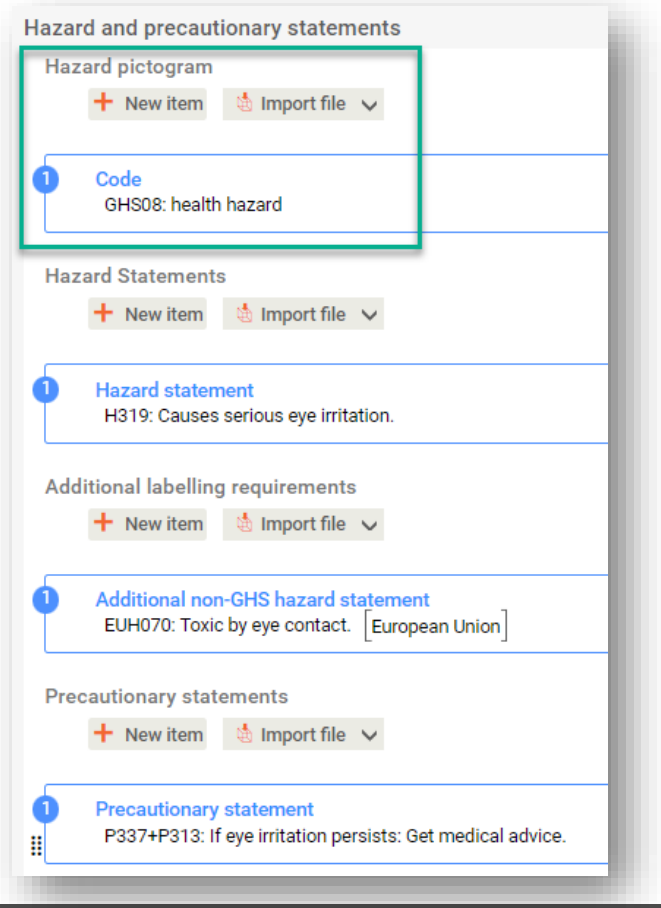


IUCLID format changes 2024 webinar

BPR Summary of product characteristics (SPC): format changes

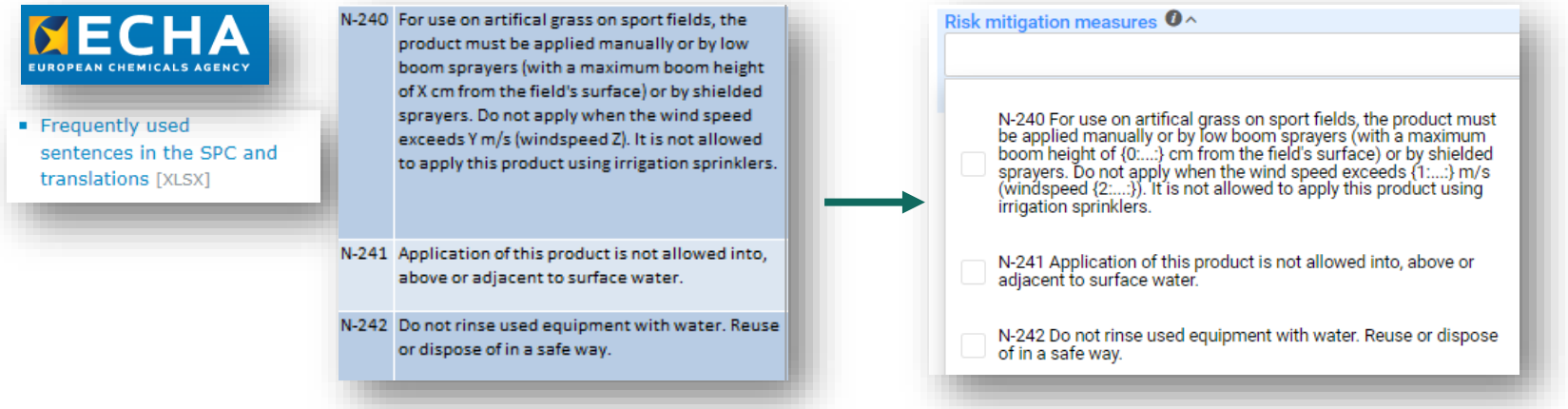
- ‘Hazard and precautionary statements’
  - Hazard pictograms added (v.8.0.1)



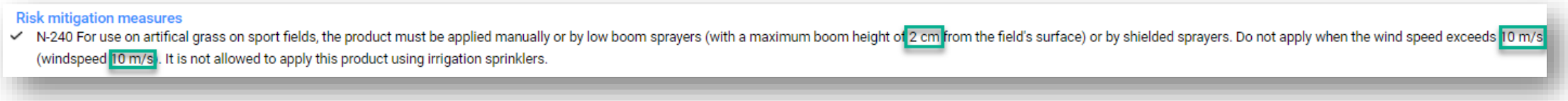
IUCLID format changes 2024 webinar

BPR Summary of product characteristics (SPC): format changes

- 'General directions for use' and 'Use-specific directions for use' (v.8.0.1)
  - 'Frequently used sentences in the SPC' (PT 1-5, 8 and 18) available in form of a picklist in addition to a free text field. Translations will be progressively added.
  - Content of both fields retrieved in an rtf / pdf SPC



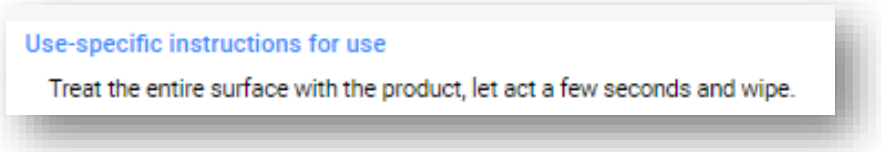
  - Relevant phrases parameterized



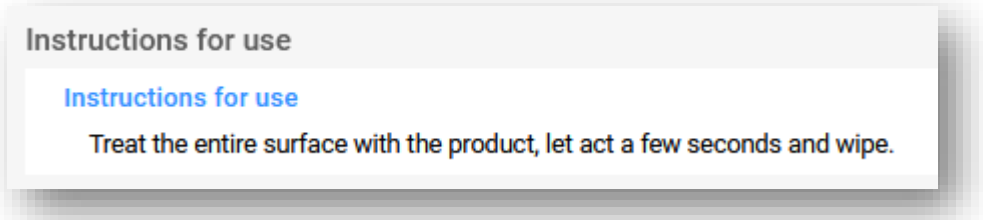
IUCLID format changes 2024 webinar

BPR Biocidal product authorisation: format changes

- Sections 7 and 11 (v.8.0.1)
  - Similar structure of section 7 in BPR Biocidal product authorisation dataset and BPR Summary of product characteristics (SPC)
  - Use-specific instruction for use should be reported in section 7.9 Proposed instructions for use (new document)



  - Instruction for use relevant to the whole meta SPC or to the whole single product, should be reported in section 11 ‘Measures to protect humans, animals and the environment’ (existing document)

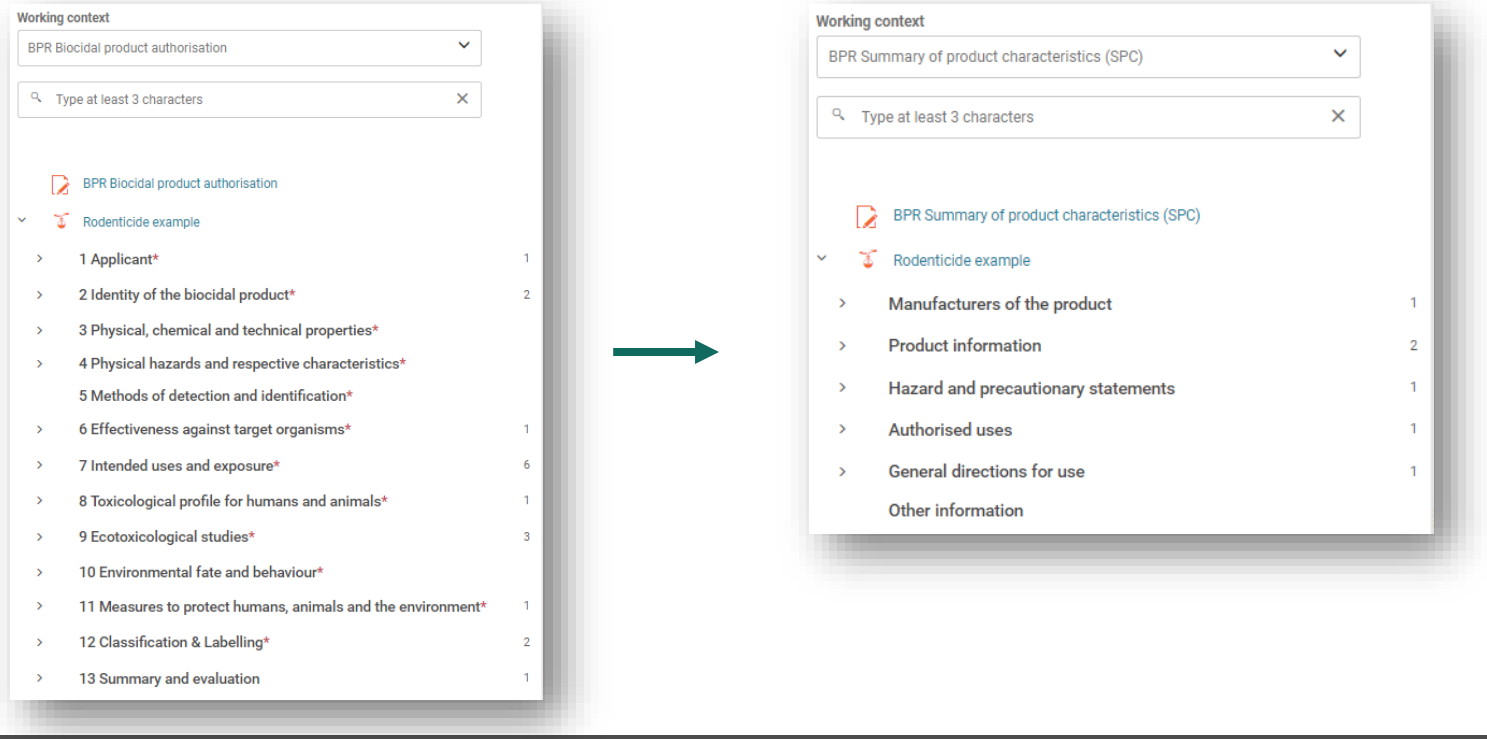


  - 'Frequently used sentences in the SPC and translations’ (PT 1-5, 8 and 18) available in form of a picklist in both documents

IUCLID format changes 2024 webinar

Reuse of existing BPR Biocidal product authorisation datasets to create an SPC (v.8.0.2)

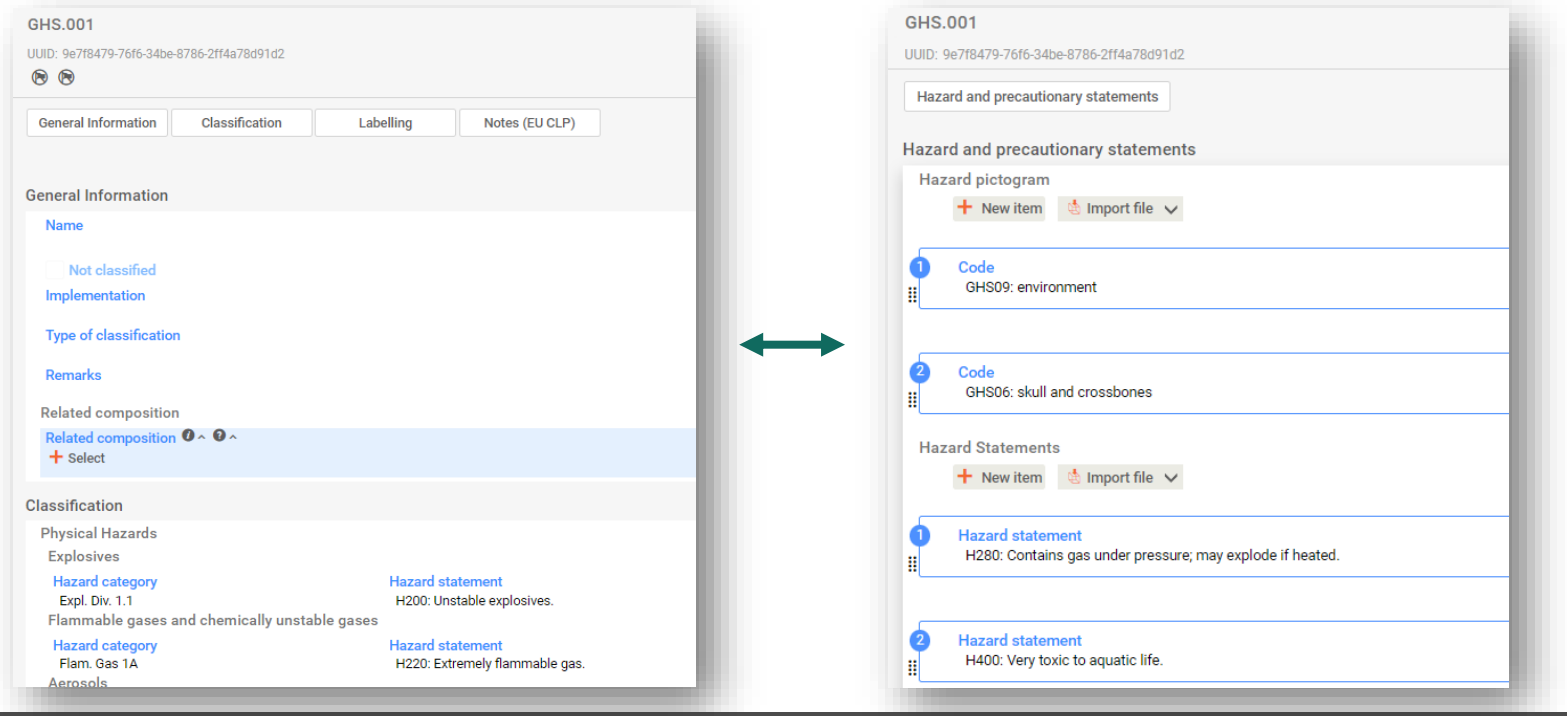
- BPR Biocidal product authorisation → BPR Summary of product characteristics (SPC):
  - only documents relevant to the SPC are displayed in the table of contents



IUCLID format changes 2024 webinar

Reuse of existing BPR Biocidal product authorisation datasets to create an SPC (v.8.0.2)

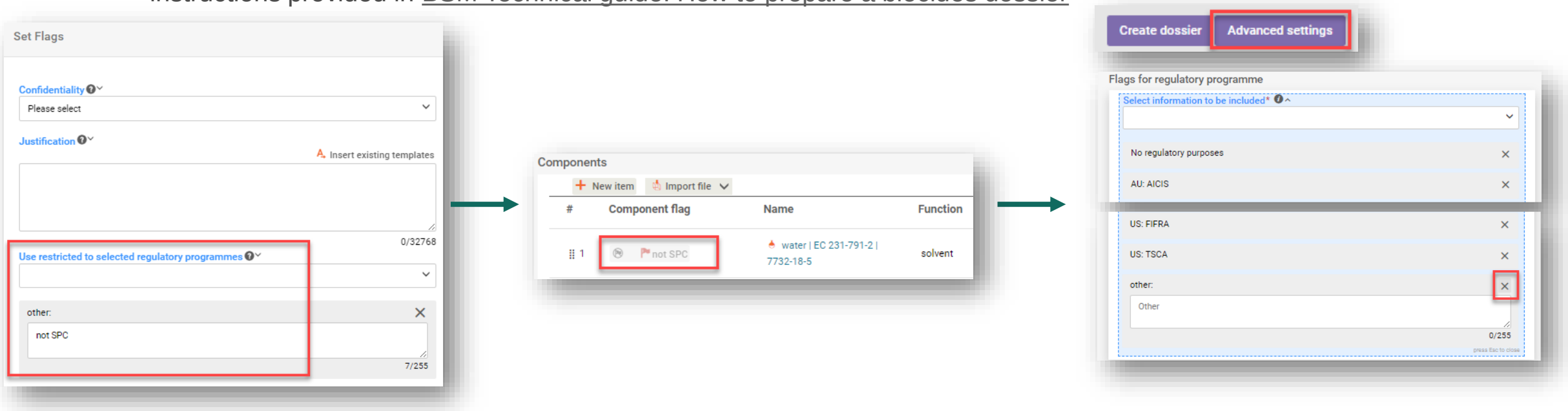
- BPR Biocidal product authorisation → BPR Summary of product characteristics (SPC):
  - in documents used by both working contexts, fields relevant only to BPR Biocidal product authorisation, are hidden, but can be displayed if working context is changed again



IUCLID format changes 2024 webinar

Reuse of existing BPR Biocidal product authorisation datasets to create an SPC (v.8.0.2)

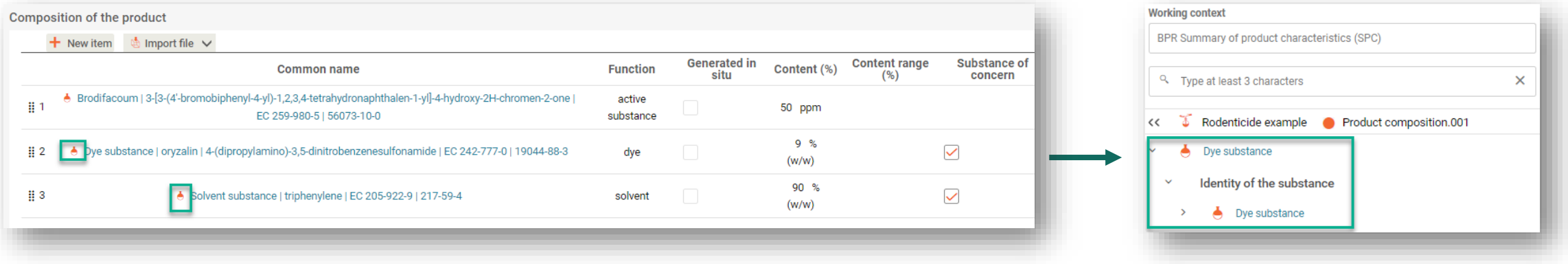
- BPR Biocidal product authorisation → BPR Summary of product characteristics (SPC):
  - only substances relevant to the SPC (active substance, substances of concern, releasers, other substance(s) knowledge of which is essential for proper use of biocidal products) included in the SPC dossier and report
  - not relevant substances should be flagged in the BPR biocidal product authorisation dataset accordingly to instructions provided in BSM Technical guide: How to prepare a biocides dossier



IUCLID format changes 2024 webinar

Reuse of existing BPR Biocidal product authorisation datasets to create an SPC (v.8.0.2)

- BPR Biocidal product authorisation → BPR Summary of product characteristics (SPC):
  - substances other than an active substance are allowed in an SPC as a dataset (rtf / pdf SPC will retrieve a reference substance)



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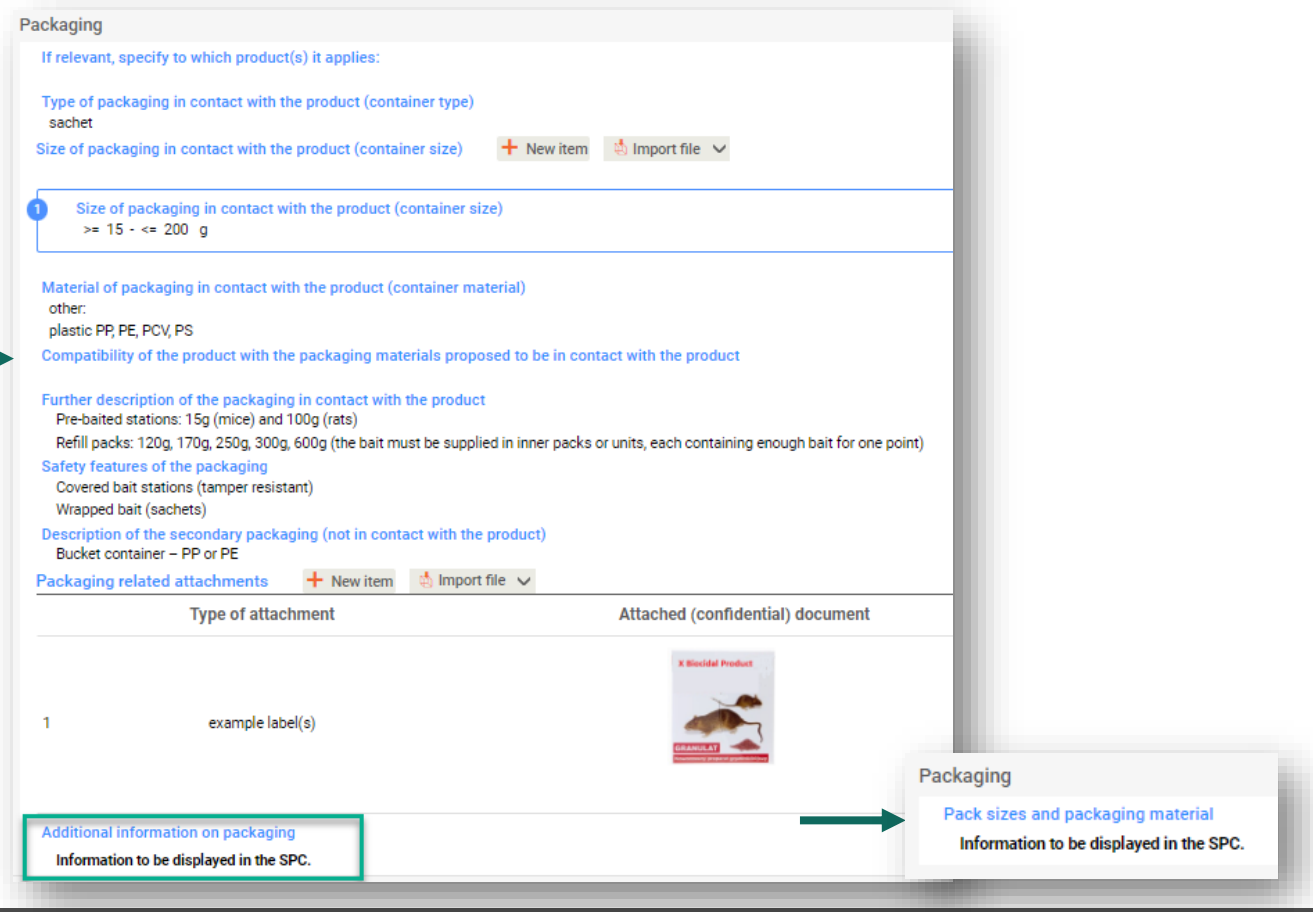
Reuse of existing BPR Biocidal product authorisation datasets to create an SPC (v.8.0.2)

- What are the differences that require manual adaptation:
  - mixture component reported in a biocidal product composition needs to be manually adapted, as only substances are allowed in the SPC
  - content of the field ‘Additional information on packaging’ in the biocidal product authorisation dataset is transferred to the field ‘Pack size and packaging material’ in the SPC; if this field is left empty, information about packaging needs to be provided from scratch in the SPC
  - ‘Other information’ is an original document not mapped to BPR Biocidal product dataset



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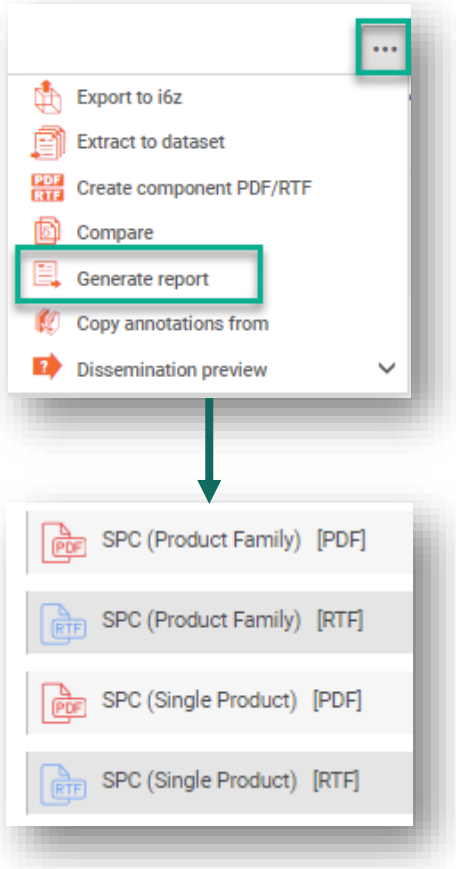
SPC Reports (Single product and Family) (v.8.0.1)

Improvements

- The table of contents has been removed
- The reference substance name in the active substance is taken from ‘Manufacturer(s) of the active substance(s)’ table
- The reference substance name is now displayed for components indicated as substances of concern
- The Family and Product name in the cover page is taken from the ‘Family or meta SPC identifier’ or ‘Product name’ fields respectively
- The translated name of a reference substance is displayed for the reference substance component if this reference substance has been selected from ECHA BPR Active Substances

Fixes

- ‘&’ correctly displayed
- cover page and header details in the Maltese version of the SPC correctly displayed
- composition tables for Meta SPCs and Products include all the relevant components (unless they are 0-0%)



Information relevant to specific user groups

- Drinking Water Directive (DWD)

IUCLID version 8.0.1

- Dorota Burchard-Sosnowska

IUCLID format changes 2024 webinar

Drinking Water Directive: IUCLID format

- **M**inimum **V**iable **P**roduct – format prepared based on:
  - development of the legal framework in 2023
  - requirements and feedback from experts

- Three working contexts:
  - DWD Notification of intention (dossier)
  - DWD application (dossier)
  - DWD Data for relevant chemical species (sub tree in DWD application, in section 1.5)

- If you are interested in joining the Drinking Water Directive IT tools user group which focuses on testing and providing feedback to ECHA, please contact ECHA by e-mail at ECHA_DWD@echa.europa.eu

Advice for upgrading IUCLID

- Checklist and tips
- Export to previous major version

IUCLID version 8.0.1

- Robin Allen

IUCLID format changes 2024 webinar

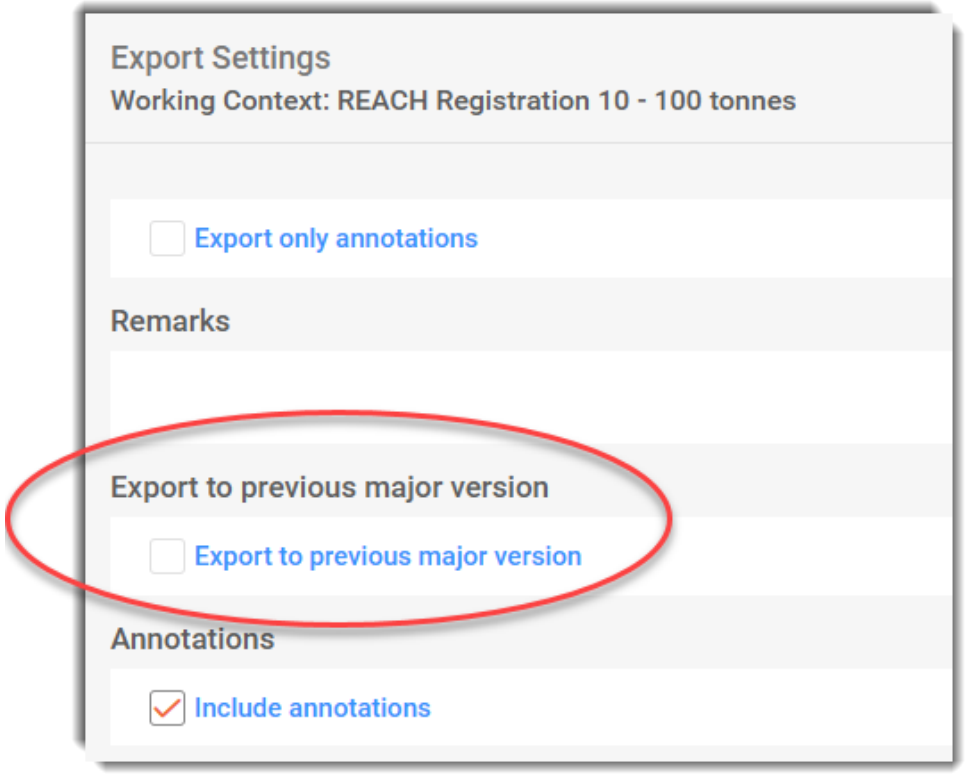
Before upgrading: Compatibility of data

- **Upgrade:** IUCLID data are converted to the latest version.
- **Import:** All IUCLID 6 files can be imported into the latest version. Import converts the data into version 8.
- **Export:** IUCLID data are exported in the current version.

IUCLID format changes 2023 webinar

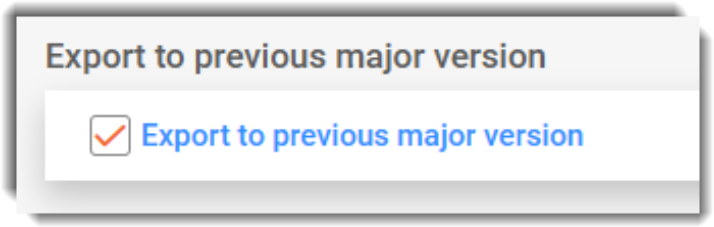
Before upgrading: Recommendations

- Upgrade to the latest version as soon as possible
- Ensure that you, and any users of the instance of IUCLID know what effects the upgrade will have
- Follow recommendations from the relevant authorities in terms of data submission:
  - Some authorities can accept dossiers in several versions of IUCLID
  - Some authorities can accept only the latest version of IUCLID
  - Some authorities can reject the latest version of IUCLID until they have updated their systems to the new version

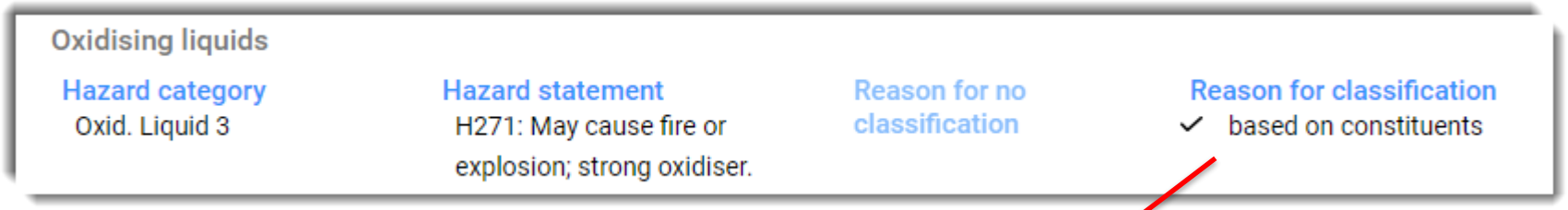


IUCLID new functionalities 2024 webinar

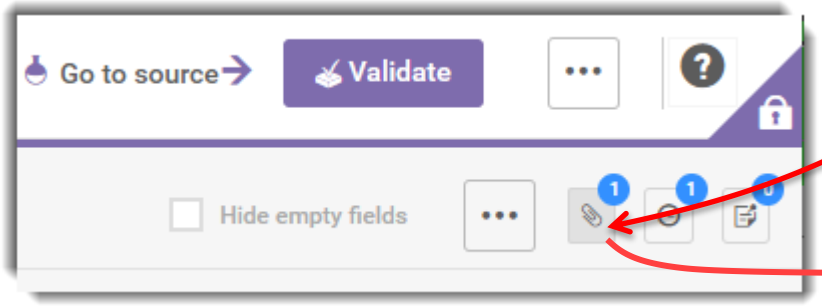
Export to previous major version
Example 1: New field

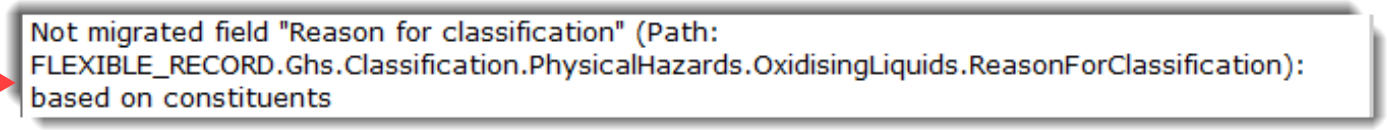


- IUCLID 6 v8: Data in the new field *Reason for classification*



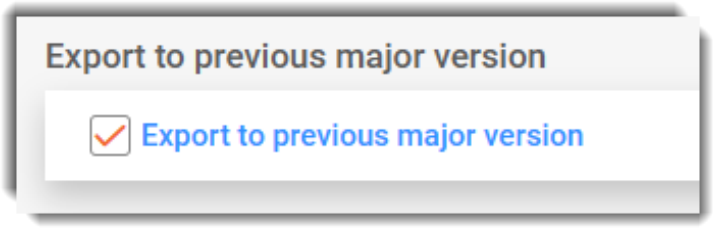
- IUCLID 6 v7: After export using *Export to previous major version* the data are in an attached text file



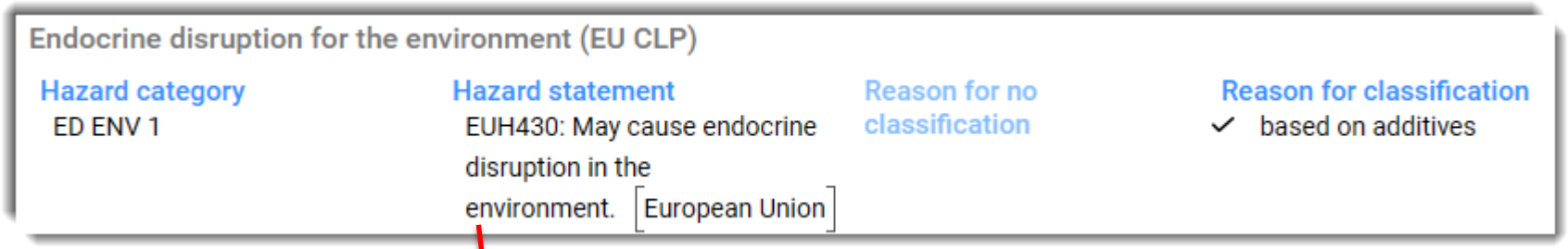


IUCLID new functionalities 2024 webinar

Export to previous major version
Example 2: New subsection and values



- IUCLID 6 v8: Data in new subsection *Endocrine disruption for the environment (EU CLP)* in section *2.1 GHS under REACH*



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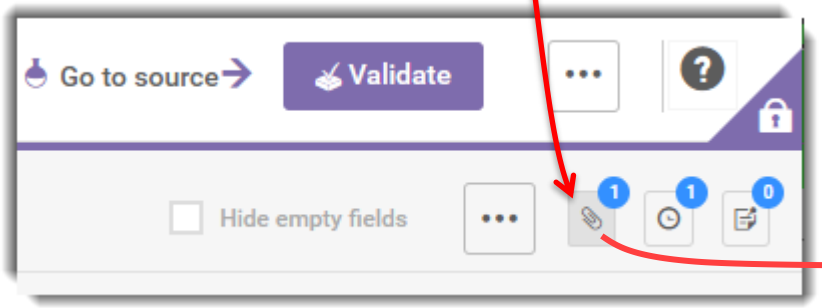

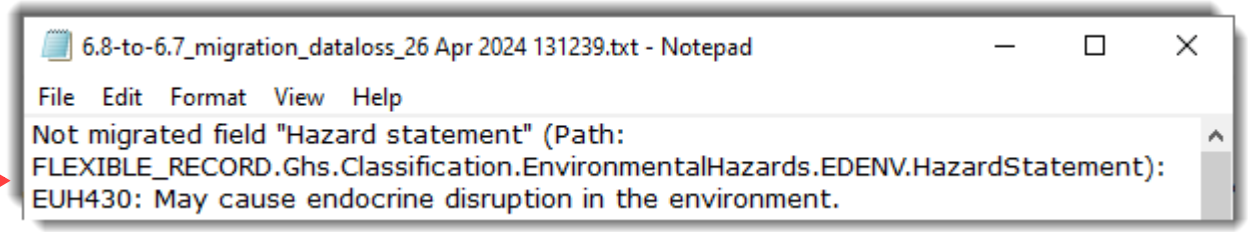

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Before upgrading: Backup IUCLID data

- Verify the backup process
- Backup by installation type:
  - IUCLID 6 Desktop: a backup is made automatically during the upgrade
  - ECHA Cloud: data is managed as part of the service
  - IUCLID 6 Server: if an external database is used, the database must be backed up separately before the upgrade, as described by the database vendor:
    Derby Network Server
    PostgreSQL
    Oracle

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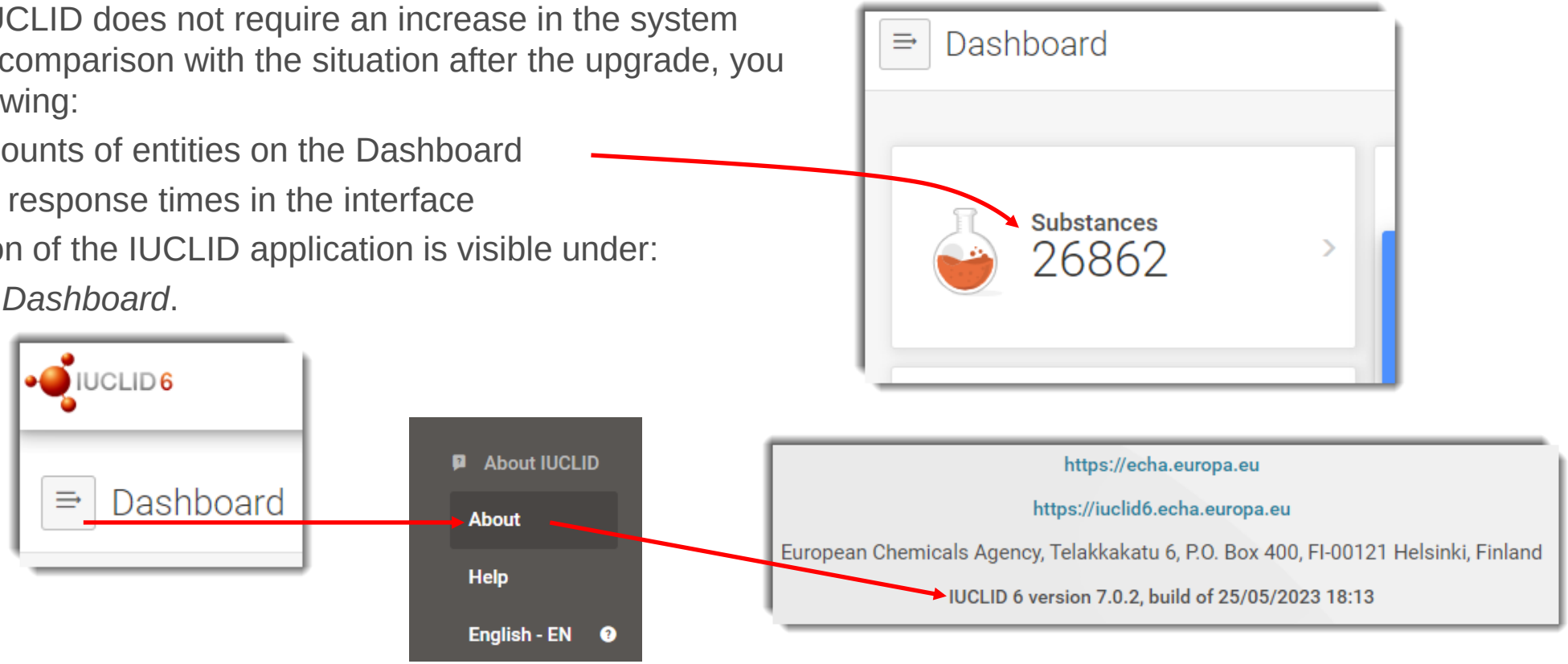
Before upgrading: Health check

- An update of IUCLID does not require an increase in the system resources. For comparison with the situation after the upgrade, you can do the following:
  - Note the counts of entities on the Dashboard
  - Check the response times in the interface
  - The version of the IUCLID application is visible under:

    About > Dashboard.



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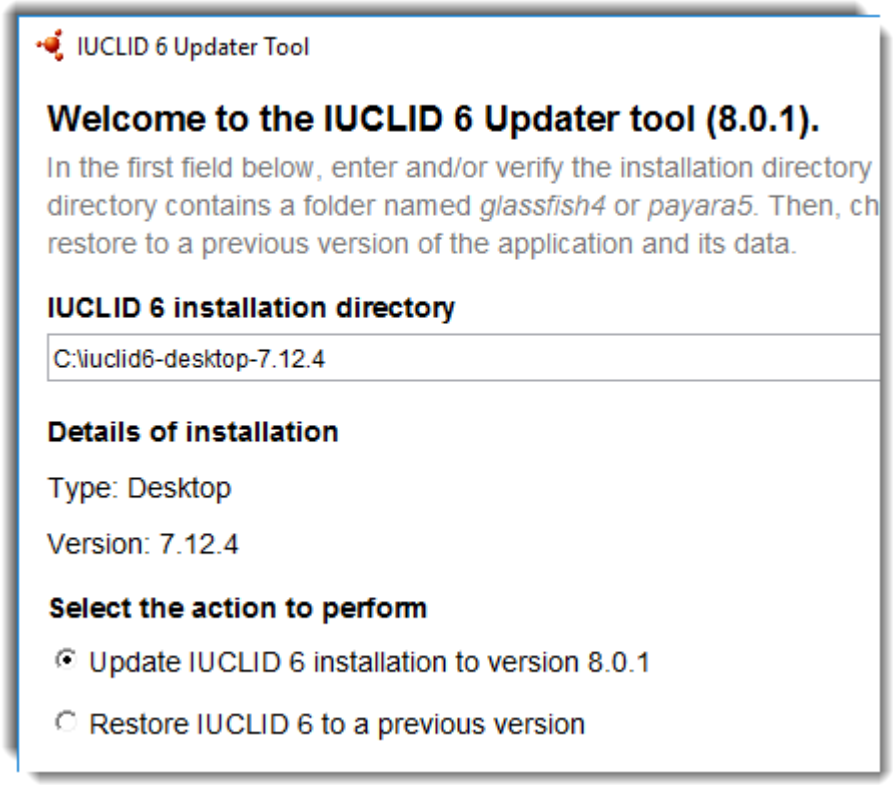
Upgrading: The IUCLID Updater Tool

- Download from the IUCLID website free of charge for: Windows, Linux, and macOS
- Works with all versions of IUCLID 6 of types Desktop and Server
- Migrates all types of supported databases to version 8
- Backs up IUCLID data for the IUCLID Desktop, but not all Server installations.

  Manual for update and installation: https://iuclid6.echa.europa.eu/documentation



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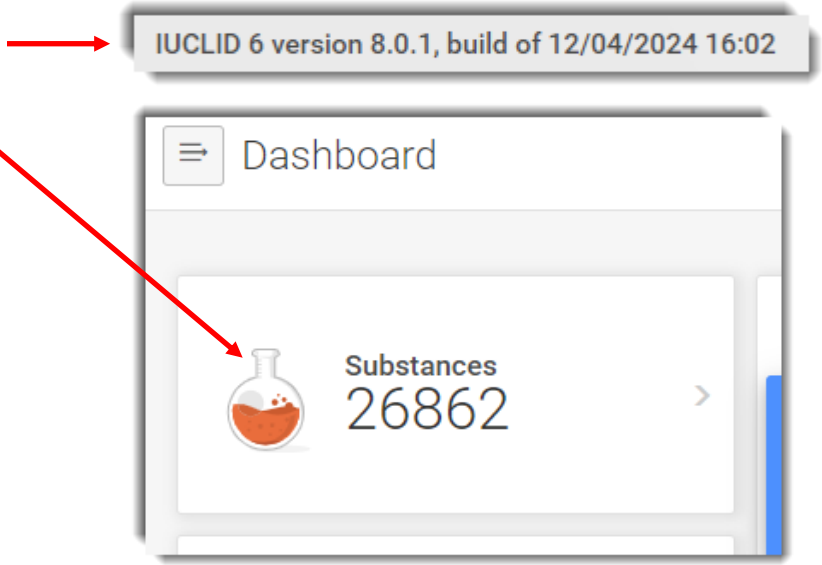
After upgrading: Health check

- For comparison with the situation before the upgrade, you can do the following:
  - Before trying to access the interface, clear the browser cache. Shortcuts for this are: *Ctrl F5* or *Shift F5*.
  - Check that the version of the IUCLID application from *About* is 8.0.1.
  - Check that the data you expect to see are accessible, including the counts on the Dashboard;
  - If you have data that are affected by the migration to the new format, check a few examples to see what has happened;
  - Try out new features that are described in the release notes.



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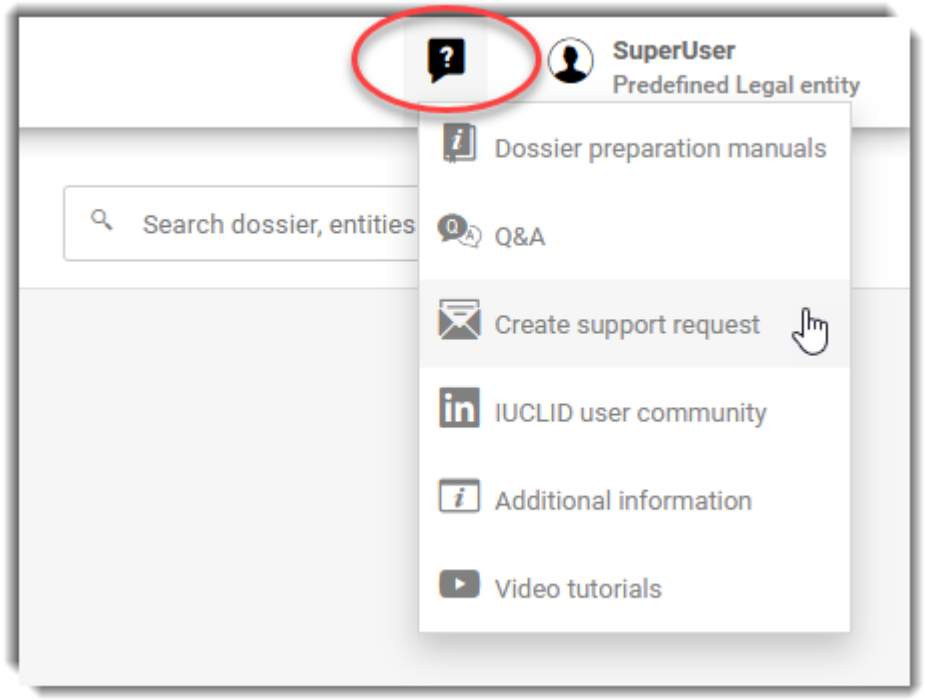
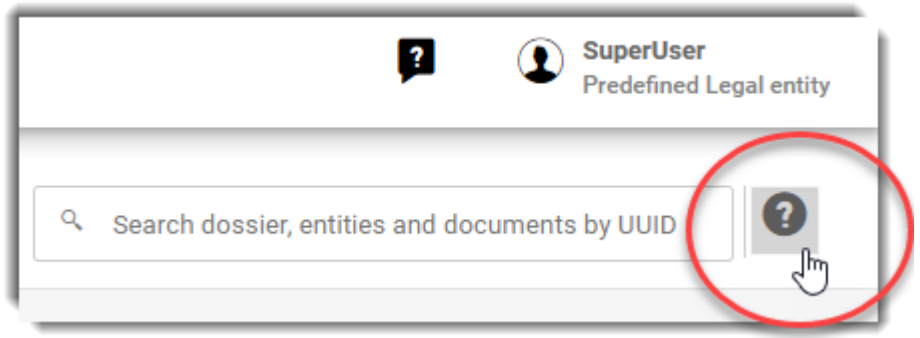
After upgrading: Sources of help

- Links to more info and help



- User manual



Conclusions

- Robin Allen

Recap of today

- The new release is available from our website at: https://iuclid6.echa.europa.eu/

- It includes:
  - Format changes, applied automatically during the upgrade
  - Fixes
  - Improvements

- Check the release notes for further details

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Question and answers session

- Q&A using Slido open until 16:00 (EET)
- You can keep your questions anonymous
- All Q&As will be published on the webinar pages in the upcoming days at https://echa.europa.eu/webinars

Information and news about IUCLID

IUCLID website

- Documentation
- Downloads
- Product information

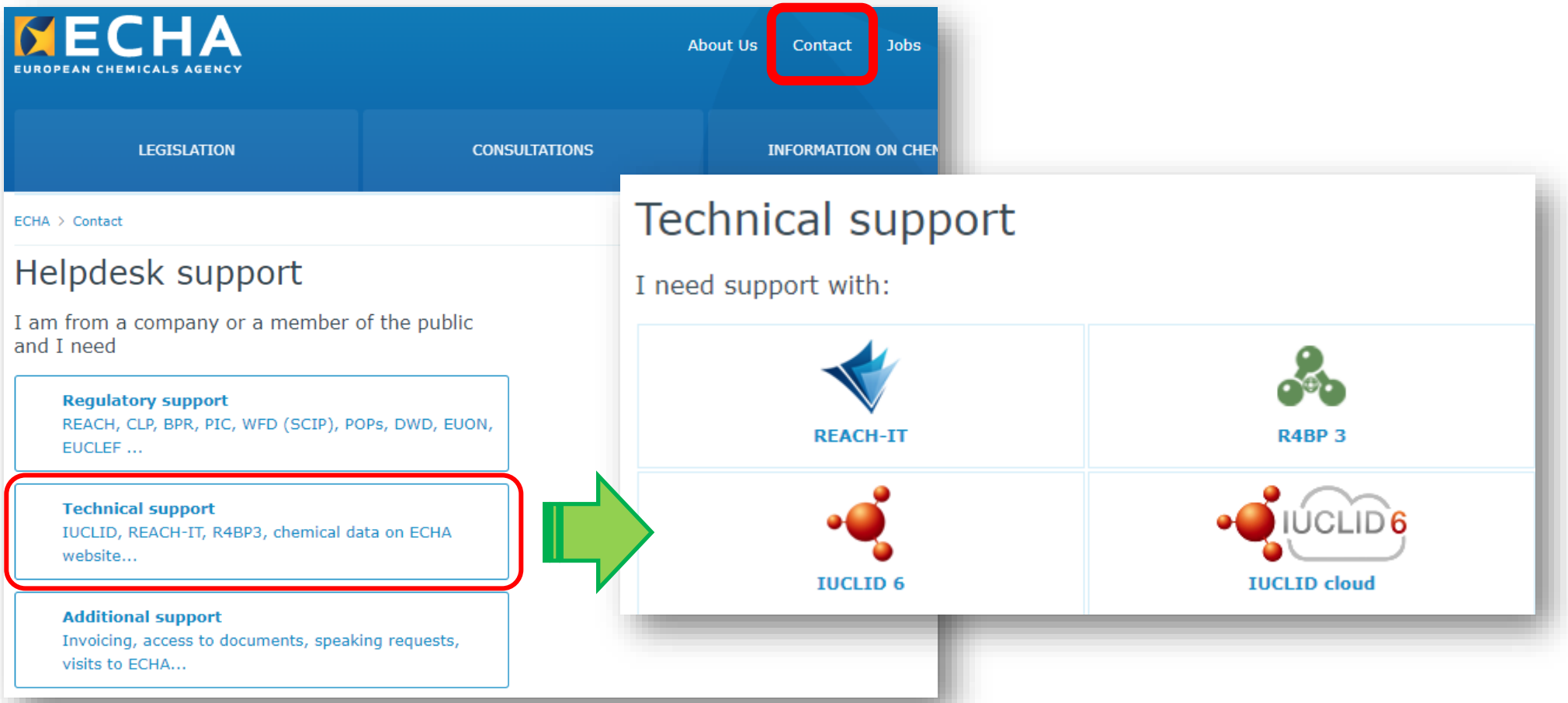
YouTube channel

- Video tutorials
- Trainings
- Webinars

LinkedIn group

- News
- Discussion topics

Contact us!



https://echa.europa.eu/contact

Thank you for your participation

echa.eu iuclid6.echa.europa.eu oecd.org/ehs/templates

ECHA EUROPEAN CHEMICALS AGENCY

OECD

IUCLID 6 is developed by the European Chemicals Agency in association with the OECD