

# IUCLID April release 2022

26 April 2022

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# Agenda

## Introduction and welcome

- SliDo
- April 2022 release overview
- Features survey

## Demonstration of latest features in the April 2022 release

## Focus on technical features

- Single Sign On
- PostgreSQL
- IUCLID Public REST API

## Wrap up

- Release schedule
- Helpdesk support
- Webinar material

# Q&A

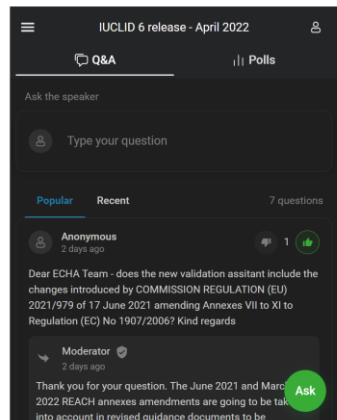
- Join at **slido.com**

- **Event code**

# iuclidapril2022



- Q&A open since the release of IUCLID 6.14.3 (26<sup>th</sup> April)
- The Slido session will last until 18:00 (EET) on the webinar day (17:00 CET)
- Answer the Webinar Poll




April release 2022



# April 2022 release

- Version 6.14.3 released on 26th April
  - Downloadable packages
  - Cloud instances
- The full scope of IUCLID 6 v6.14.3 is found in the **Release notes**\* published on the IUCLID website
  - **NEW** (New functionality or feature)
  - **IMP** (Improvement to an existing functionality or feature)
  - **FIX** (Fix for a known bug)
- Includes IUCLID changes in previous versions of IUCLID 6

\*[https://iuclid6.echa.europa.eu/documents/1387205/1809509/IUCLID\\_6\\_Release\\_Notes.pdf](https://iuclid6.echa.europa.eu/documents/1387205/1809509/IUCLID_6_Release_Notes.pdf)



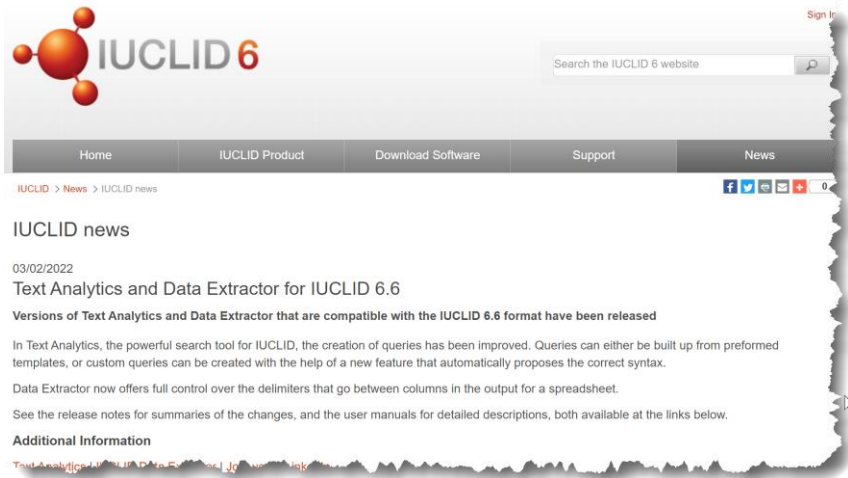
The screenshot shows the IUCLID 6 website interface. At the top, there is a navigation bar with links for Home, IUCLID Product, Download Software, and Support. Below the navigation bar, the page title is "IUCLID news". The main content area features a news item dated 25/04/2022, titled "IUCLID 6 April 2022 release and information". The text states that the April 2022 release is now available and does not contain changes relevant to system administrators. A list of changes is provided, including additional search options, bulk deletion of documents, SSO support, and PostgreSQL as a database option. A callout box on the right side of the screenshot highlights the "2 VERSION 6.6.14.3 (26 APRIL 2022, PUBLIC RELEASE)" and lists specific changes under the "2.1 Data entry" section, including new bulk delete functionality, fixes for hazard category and picklists, and improvements to SPC Product Summary Composition labels and headers.

**2 VERSION 6.6.14.3 (26 APRIL 2022, PUBLIC RELEASE)**

**2.1 Data entry**

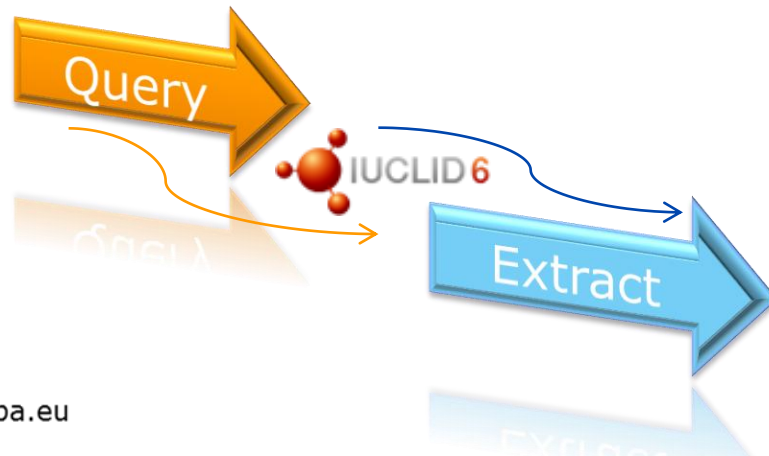
- NEW** Bulk delete documents in a dataset (Ref. 265221)
- FIX** Hazard category "Repr. 1A-H360Fd" not saved when in a PCN working context (Ref. 659416)
- FIX** Certain picklists created in templates open upwards not downwards, hiding phrases to select (Ref. 659536)
- IMP** Alignments of the labels in the custom section SPC Product Summary Composition (Ref. 659566)
- IMP** Alignment of headers and labels in the custom section SPC Product Summary Composition (Ref. 660258)
- IMP** Product summary composition and mixture(composition) records renamed in the SPC working context (Ref. 660450)
- IMP** Amendment to the ToC BPR Summary of product characteristics – SPC (Ref. 660455)

# Advanced tools for managing IUCLID data



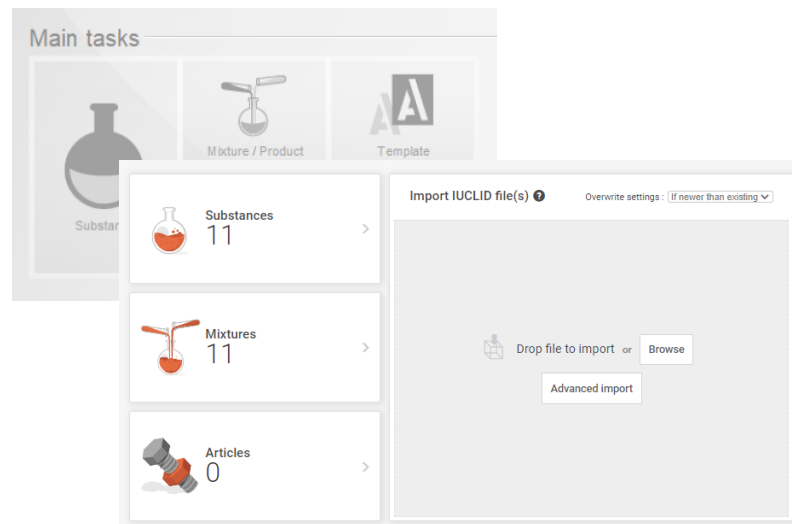
<https://iuclid6.echa.europa.eu/project-iuclid-6>

- New versions of Text analytics and the Data extractor are now available and compatible with IUCLID v6.6
- Includes installation instructions and a user guide



# IUCLID Interface

- Classic user interface is still available with the April 2022 release.
  - To give users last chance to be trained and switch to the web interface
- We still plan to maintain only the web interface going forward, and plan to remove the classic interface with the October 2022 release



# Features survey





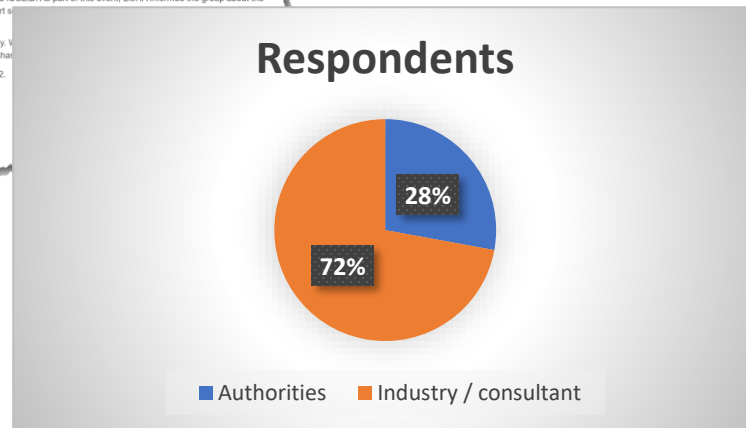
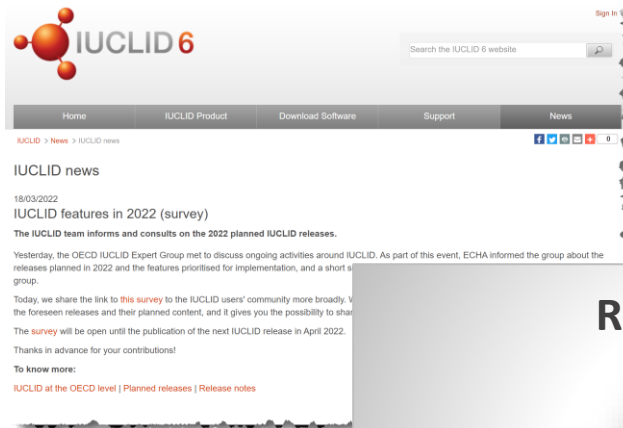
# IUCLID Features Survey

## When

- From 18<sup>th</sup> March – 26<sup>th</sup> April
- 101 respondents

## Reasons for survey

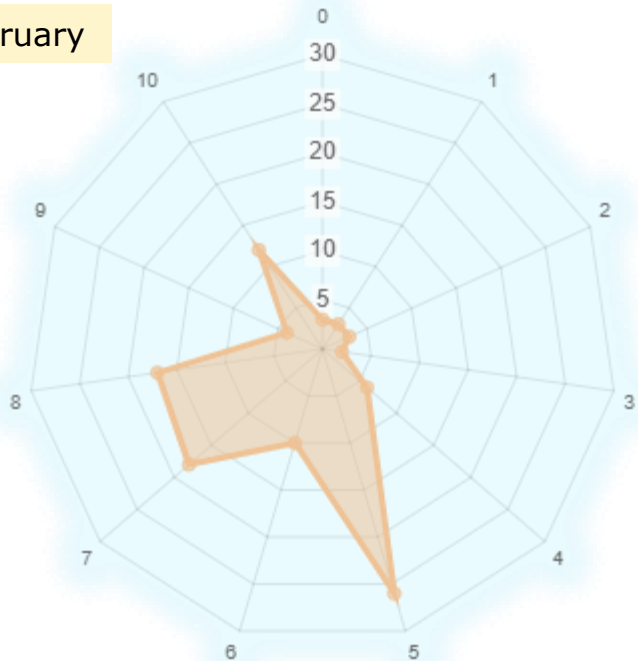
- Measure satisfaction with the February and April releases
- To inform users about forthcoming features
- To get your feedback on the next priorities for implementation



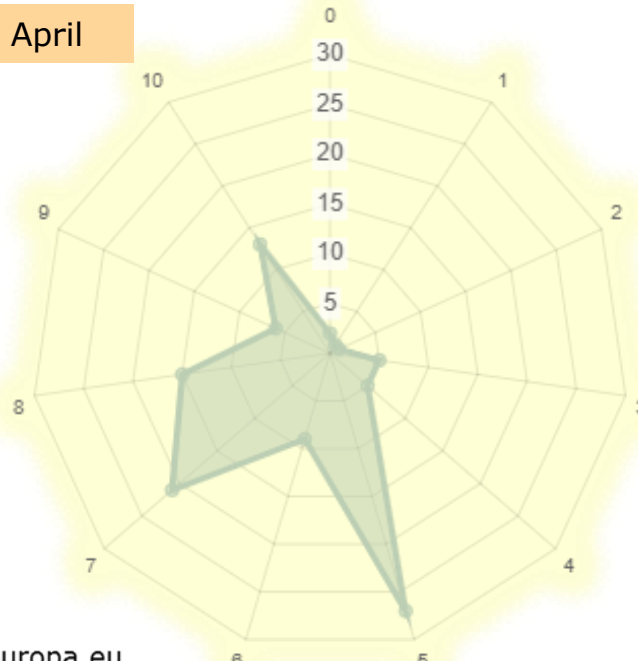
# IUCLID Features Survey

How satisfied (1-10) with the features in

February



April



# IUCLID Features Survey

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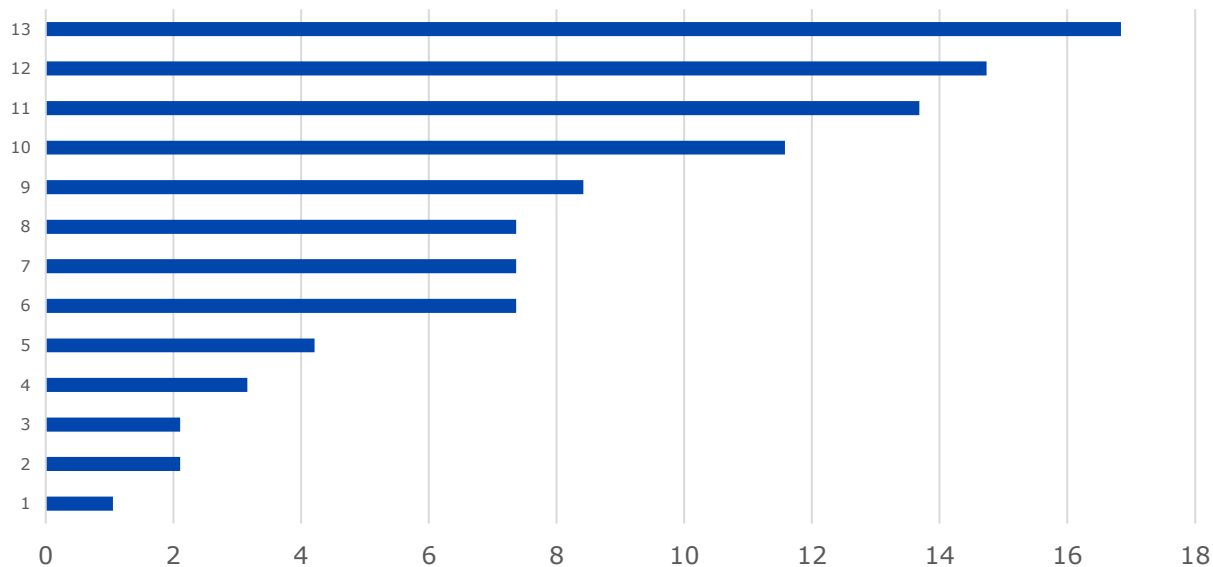
## Scope after April 2022

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- Annotations extension to support assessment (and annotations copy / transfer)
  - Bulk editing of documents
  - Enhance import of .csv file to fill tables and repeatable blocks
  - Filtering: replace attachments and override confidentiality claims
  - Find and replace
  - Improve display of ranges
  - Make available list of substances from ECHA's inventory (e.g. list of biocide active substances, candidate list)
  - Navigation tree filtering
  - Navigation tree refactoring to prevent the same substance/mixture sub tree to be displayed more than once
  - Parameterised phrases in picklists (cf. Hazard and Precautionary Statements in GHS document)
  - Protect entities from being overwritten
  - Report generation: support .docx and .xlsx
  - User interface accessibility improvements (e.g. keyboard navigation)
  - [View report generator errors](#)
-

# IUCLID Features Survey

FIRST PRIORITIES AFTER APRIL (%)



## First priorities, top 3:

- Navigation tree filtering
- Substance availability from ECHA's inventory
- Report generation in .docx or .xlsx formats

# Web Interface Demo

François LE GOFF

# Scope of the demo

- Bulk delete documents in a dataset
- Search new options
  - Mixture by legal entity
  - By Reference substances identifiers
  - Using exact match
  - By document UUID
- Indicators for attachments and annotations
- Representation of links
- Dossier comparison (when UUIDs are different)
- Advanced import improvements
- Unlinking inherited templates improvements

# Focus on technical features

Single Sign On

PostgreSQL

Public IUCLID API

Andrés MORENO GARCÍA

# User management in IUCLID



Welcome back!

Please login by entering the information below.



Dashboard > Users

Users

5 results found

**SuperUser**

Last name	Super	First name	User
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# Single sign on demo

# Single sign on (SSO)

## Without SSO

Users created and managed in IUCLID database

IUCLID roles and legal entities assigned in IUCLID database

## With SSO

Users centrally managed in company's identity provider, e.g., Azure Active Directory

IUCLID roles and legal entities are defined in IUCLID but assignments done at the identity provider via features of the identity provider, think Azure AD groups

# Benefits of SSO

## For end users

Same credentials for logging in to their computer, enterprise applications, and IUCLID

Once logged in there is no need to re-enter credentials in other enterprise applications that are SSO-enabled

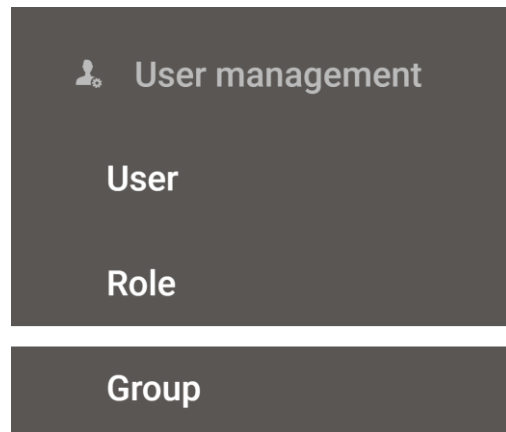
## For IT admins

Simplified user management and credentials administration

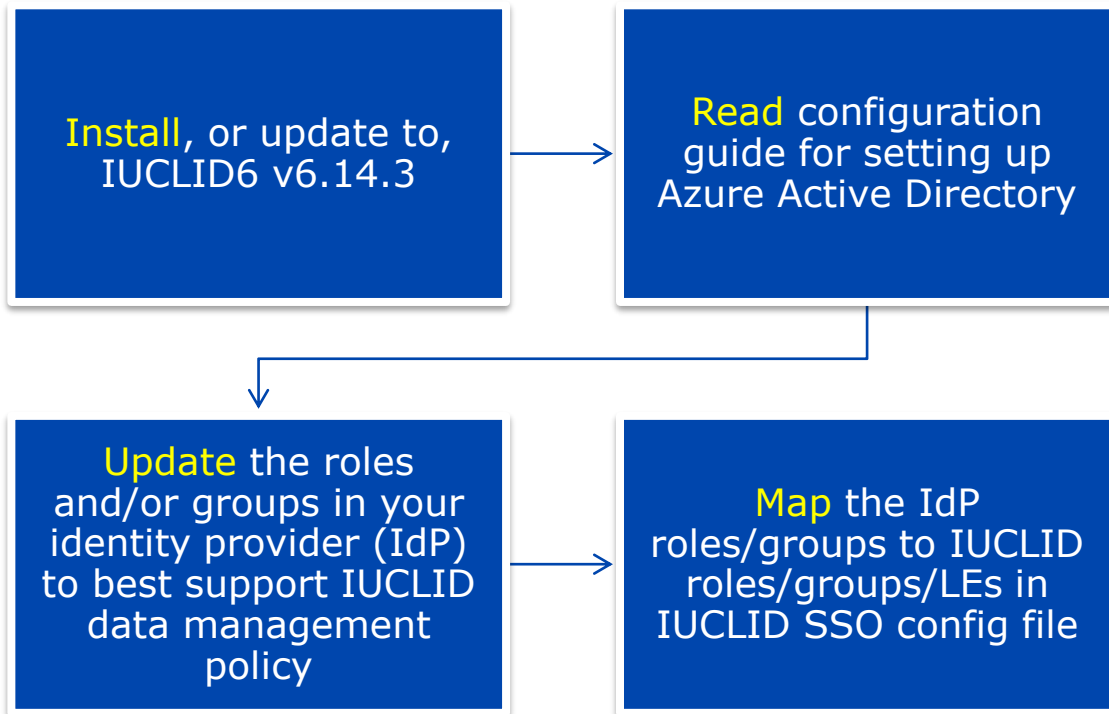
There is no need to create and manage users across several IUCLID instances

## Design steps to SSO

<b>Streamline</b>	Streamline required IUCLID roles and LEs to comply with your organisation scientific data management policies and regulatory setup
<b>Update</b>	Update the roles, LEs, and, if using Instance Based Security, groups, in IUCLID database



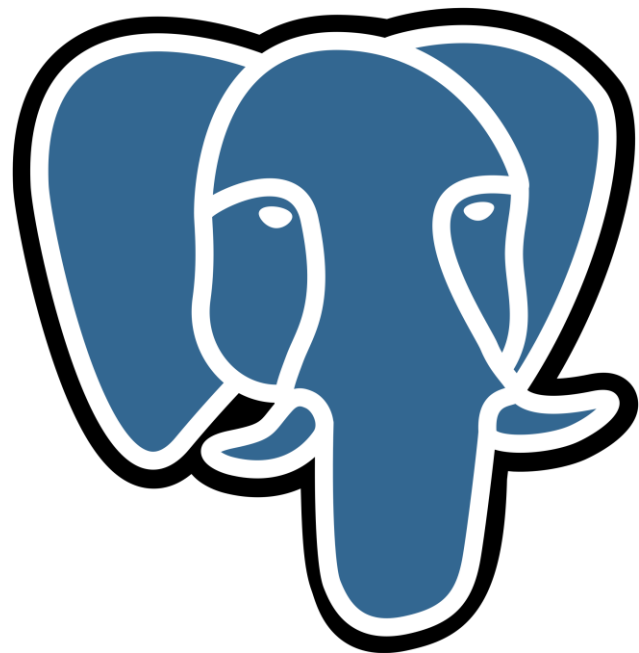
# Main implementation steps to SSO



```
# Configure the SAML attribute that holds the list of values to map to the group.
roles:
  samlAttributeName: http://schemas.microsoft.com/ws/2008/06/identity/claims/groups
  mappings:
    - samlAttributeValue: 820f3a36-cff5-42ec-80fa-0e3a6f3d6801
      iuclidValue: System administrator
    - samlAttributeValue: 07d42c81-6d39-4cd7-b856-2e45d961c090
      iuclidValue: Scientific editor
    - samlAttributeValue: 754f67f3-0adb-4157-922c-8429e26fefe2
      iuclidValue: Scientific reviewer
    - samlAttributeValue: 07d42c81-6d39-4cd7-b856-2e45d961c090
      iuclidValue: Read-only
```

## PostgreSQL databases

- Supported by IUCLID6 from v6.14.3
- Can replace existing Derby and Oracle databases
- Performant and open source
- Used at ECHA in production




## Is PostgreSQL free?


- Yes, anyone can download and install the software and not have to worry about software licenses
- But, as it will be storing your business data, the installation needs to be professionally supported
  - Installation and setup of PostgreSQL
  - Maintenance and data recovery processes put in place
    - Updates to PostgreSQL software
    - Backups and rollbacks of the data

## Steps to PostgreSQL

 Backup, backup and backup

 Update to IUCLID6 v6.14.3

 Install and setup PostgreSQL (v12 or v13)

 Use ECHA's Data transfer tool

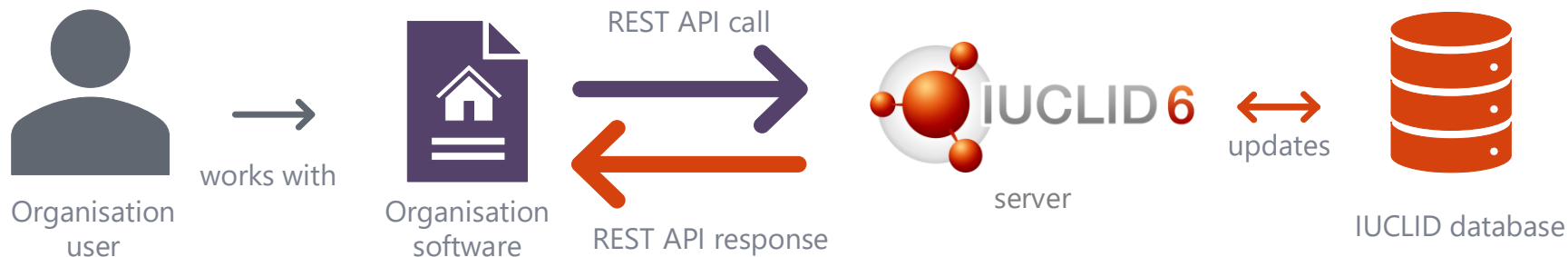
Derby → PostgreSQL

Oracle → PostgreSQL

 Modify IUCLID configuration (domain.xml)



# IUCLID Public REST API



# How external tools can use the IUCLID Public REST API

- Search for the UUIDs of datasets matching a criteria
  - Search for datasets not updated before 1<sup>st</sup> of January 2020
- Update batches of datasets in one go
  - Inject regulatory flags in relevant documents of selected datasets
- Create a dossier from a dataset using IUCLID API
  - and for SCIP and PCN dossiers submit them using ECHA S2S submission API

# Documentation for technical features

- [Documentation - ECHA \(europa.eu\)](#)
  - [Installation and Update Instructions for IUCLID 6 Server](#)
    - New section on PostgreSQL and data transfer tool
  - [Single Sign On with Azure Active Directory for use with IUCLID 6 Server](#)
- [Public REST API - ECHA \(europa.eu\)](#)
- ECHA S2S submission service and API
  - [PCN](#)
  - [SCIP](#)

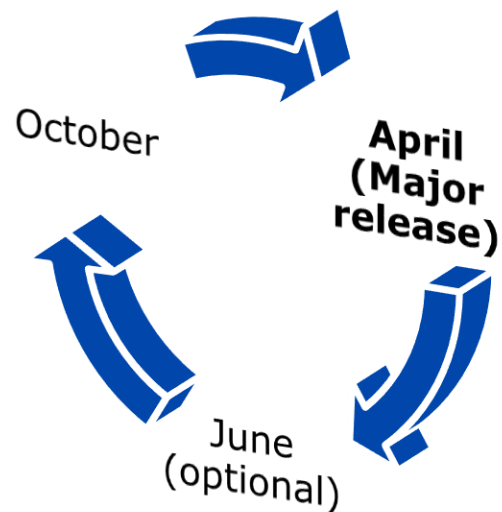
# Wrap-up

Mark ROBERTS



# IUCLID Releases

- This year, there will be a change to the IUCLID release cycle
- We are changing the major release of IUCLID from October to April (starting from **April 2023**)
- We took this decision following:
  - Internal review of the release and how it is organised
  - Consultation with OECD IUCLID Expert Panel



# Helpdesk support

ECHA > Contact

## Helpdesk support

I am from a company or a member of the public and I need

**Regulatory support**  
REACH, CLP, GPR, PIC, WFD (SCIP), POPs, DWD, EUON, EUCLEF ...

**Technical support**  
IUCLID, REACH-IT, R4BP3, chemical data on ECHA, wfs@echa.europa.eu



- Contact
- Regulatory support
- Technical support
- Additional support

### Technical support

I need support with:

REACH-IT	R4BP3
IUCLID 6	IUCLID 6 view
ECHA Submission portal	System-to-System

Contact form - IUCLID 6

**Your request**

Request type \*

Please select...

<https://echa.europa.eu/contact>

- Contact form is more user friendly
- Users can go directly to the contact form
- Users can indicate more specifically the issue they are facing

# Webinar material

- The recording of this webinar is available on the ECHA webinars page

- The questions and answers will also be published on the same page

<https://echa.europa.eu/webinars>

- The recording will also be published on the ECHA 'EUchemicals' youtube channel:

<https://www.youtube.com/user/EUchemicals>

The webinar introduces the latest IUCLID 6 (version 6.14) released on 26 April.

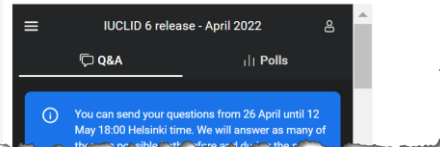
This version brings changes to the web interface that improve how you can manage, view, and edit data for your substances, mixtures and articles.

The new version also has single sign on support (SSO) and introduces PostgreSQL as an additional database option.

Time	Title	Speaker
11:00-11:20	<b>Introduction and welcome</b> <ul style="list-style-type: none"> <li>• Questions and answers using Slido</li> <li>• Outcome of the IUCLID features prioritisation survey</li> <li>• Introduction to the April 2022 release</li> </ul>	Mark Roberts, ECHA
11:20-11:35	<b>Demonstration of the main features</b>	Francois Le Goff, ECHA
11:35-11:55	<b>Information on Single Sign On and PostgreSQL support</b>	Andres Garcia Moreno, ECHA
11:55-12:00	<b>Wrap up</b>	Mark Roberts, ECHA

You can send your questions [here](#) or from the Slido panel below from 26 April until 12 May 18:00 Helsinki time. We will answer as many of them as possible both before and during the event.

Watch the webinar on this page on 12 May at 11:00 Helsinki Time, 10:00 CET.



Thank you!

