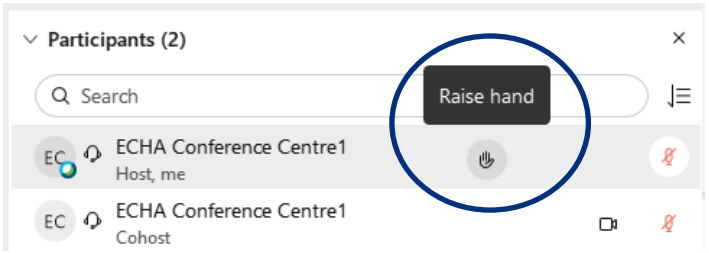
SCIP IT user group

27 May 2021

Opening remarks



- Practicalities
  - For the floor, raise your hand
  - Use the **Chat:**
    - Questions and comments related with the topic of the presentation.
    - To: all panellist
- Meeting is being recorded for internal use

Today's agenda

- SCIP status Play
- IUCLID Format update 2021
- Submission API interface
- Looking at the data
- Submission of Simplified SCIP Notifications (SSN) for one or more Legal Entities

SCIP Status play

Clara Rueda

SCIP Database

We are planning to make SCIP data available after summer.

DISSEMINATION
PLATFORM

WFD - Waste Framework Directive

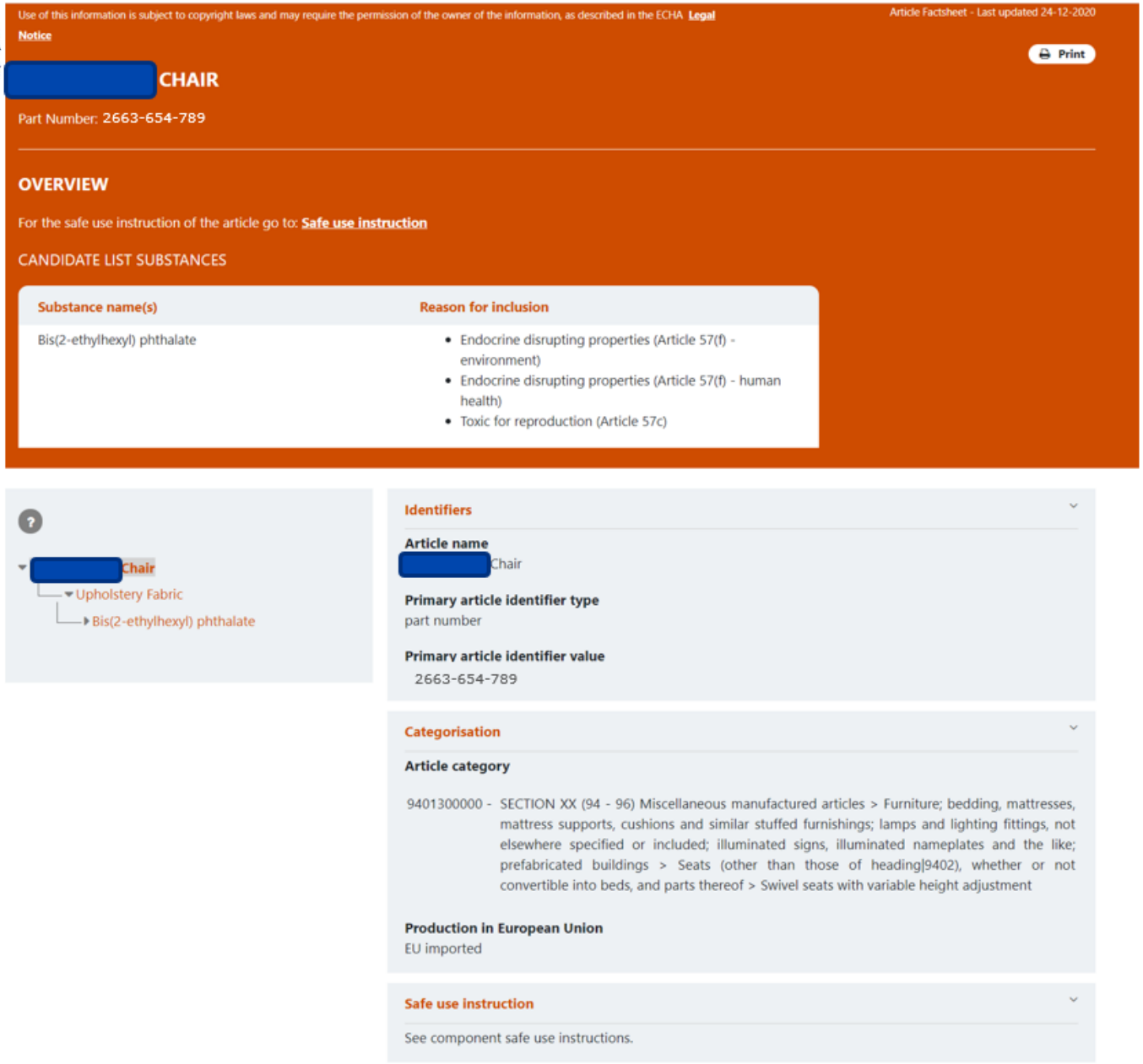
SCIP Database

Articles containing substances of very high concern (SVHCs) on the Candidate List at a concentration above 0.1% weight by weight (w/w) placed on the EU market notified according to Article 9(1)(i) of the Waste Framework Directive 2008/98/EC

ARTICLES NOTIFIED ABOUT

Article Name	Other article identifiers	Article category		Last update	Details
Wheel	Item number: 85-99-663	8483908190 -	SECTION XVI (84 - 85) Machinery and mechanical appliances; electrical equipment; parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles > Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof > Transmission shafts (including cam shafts and crank shafts) and cranks; bearing housings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints) > Toothed wheels, chain sprockets and other transmission elements presented separately; parts > Other > Of cast iron or cast steel > Other	10-Feb-2021	
Wheel	Item number: 47-RJ-961256	3926909790 -	SECTION VII (39 - 40) Plastics and articles thereof; rubber and articles thereof > Plastics and articles thereof > Other articles of plastics and articles of other materials of headings|3901|to 3914 > Other > Other > Other	10-Feb-2021	
Wheel housing	Item number: 123-456-778787	9033009000 -	SECTION XVIII (90 - 92) Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof > Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof > Parts and accessories (not specified or included elsewhere in this chapter) for machines, appliances, instruments or apparatus of Chapter|90 > Other	06-Mar-2021	

SCIP Dissemination V1



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Article Factsheet - Last updated 24-12-2020

Print

[redacted] CHAIR

Part Number: 2663-654-789

OVERVIEW

For the safe use instruction of the article go to: Safe use instruction

CANDIDATE LIST SUBSTANCES

Substance name(s)	Reason for inclusion
Bis(2-ethylhexyl) phthalate	• Endocrine disrupting properties (Article 57(f) - environment) • Endocrine disrupting properties (Article 57(f) - human health) • Toxic for reproduction (Article 57c)

[redacted] Chair

Upholstery Fabric

Bis(2-ethylhexyl) phthalate

Identifiers

Article name

[redacted] Chair

Primary article identifier type

part number

Primary article identifier value

2663-654-789

Categorisation

Article category

9401300000 - SECTION XX (94 - 96) Miscellaneous manufactured articles > Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated nameplates and the like; prefabricated buildings > Seats (other than those of heading 9402), whether or not convertible into beds, and parts thereof > Swivel seats with variable height adjustment

Production in European Union

EU imported

Safe use instruction

See component safe use instructions.

Linked component info

Number of units
(lowerValue: 1)

Identifiers

Article name
Upholstery Fabric

Categorisation

Article category

5903900000 - SECTION XI (50 - 63) Textiles and textile articles > Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use > Textile fabrics impregnated, coated, covered or laminated with plastics, other than those of heading|5902 > Other

Production in European Union
EU imported

Safe use instruction

The identification of the Candidate List substance is sufficient to allow safe use of the article throughout the whole life cycle including service life, disassembly and waste/recycling stage

Candidate List substance info

Candidate List substance

Substance name	EC N.	CAS N.	Reason for inclusion
Bis(2-ethylhexyl) phthalate	204-211-0	117-81-7	• Endocrine disrupting properties (Article 57(f) - environment) • Endocrine disrupting properties (Article 57(f) - human health) • Toxic for reproduction (Article 57c)

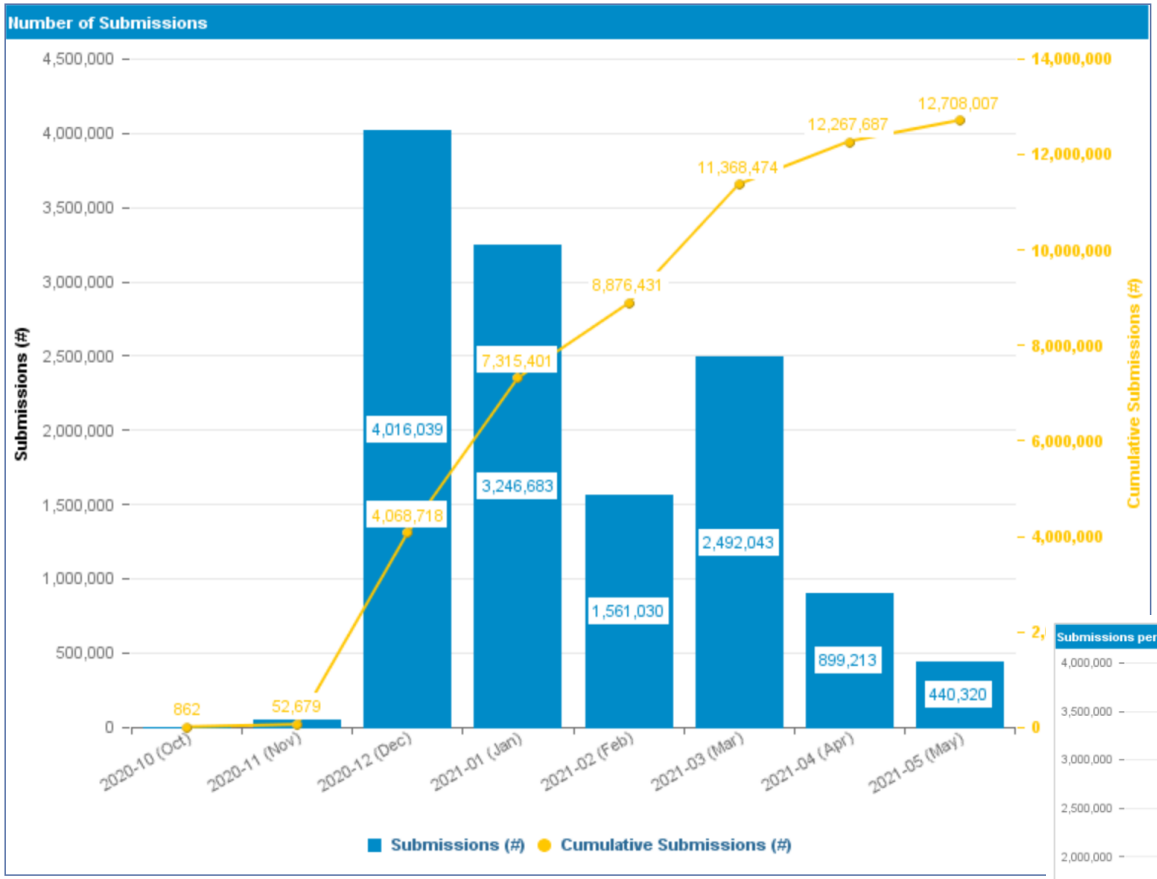
Concentration range
> 0.1% w/w and ≤ 100% w/w

Material categories

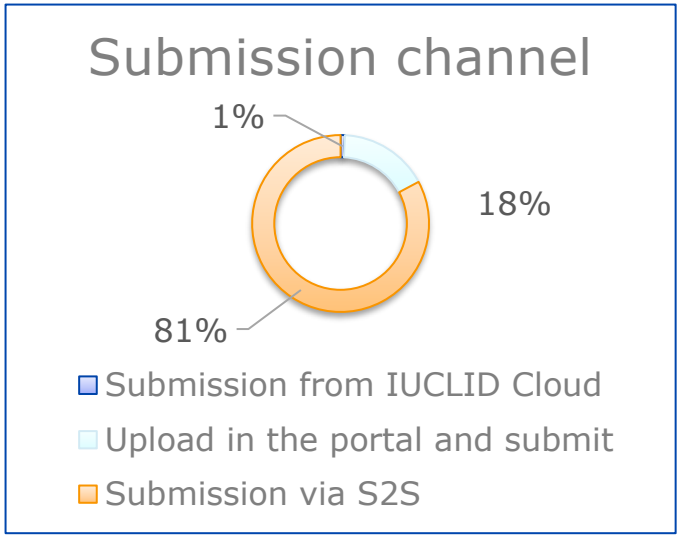
1. plastic (and polymers) > polyvinylchloride (pvc), soft

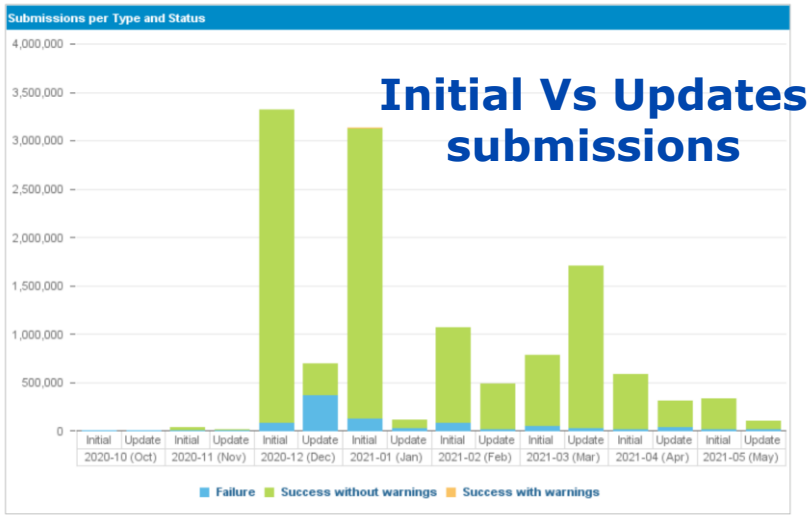
SCIP figures

Number of submissions (volumes)



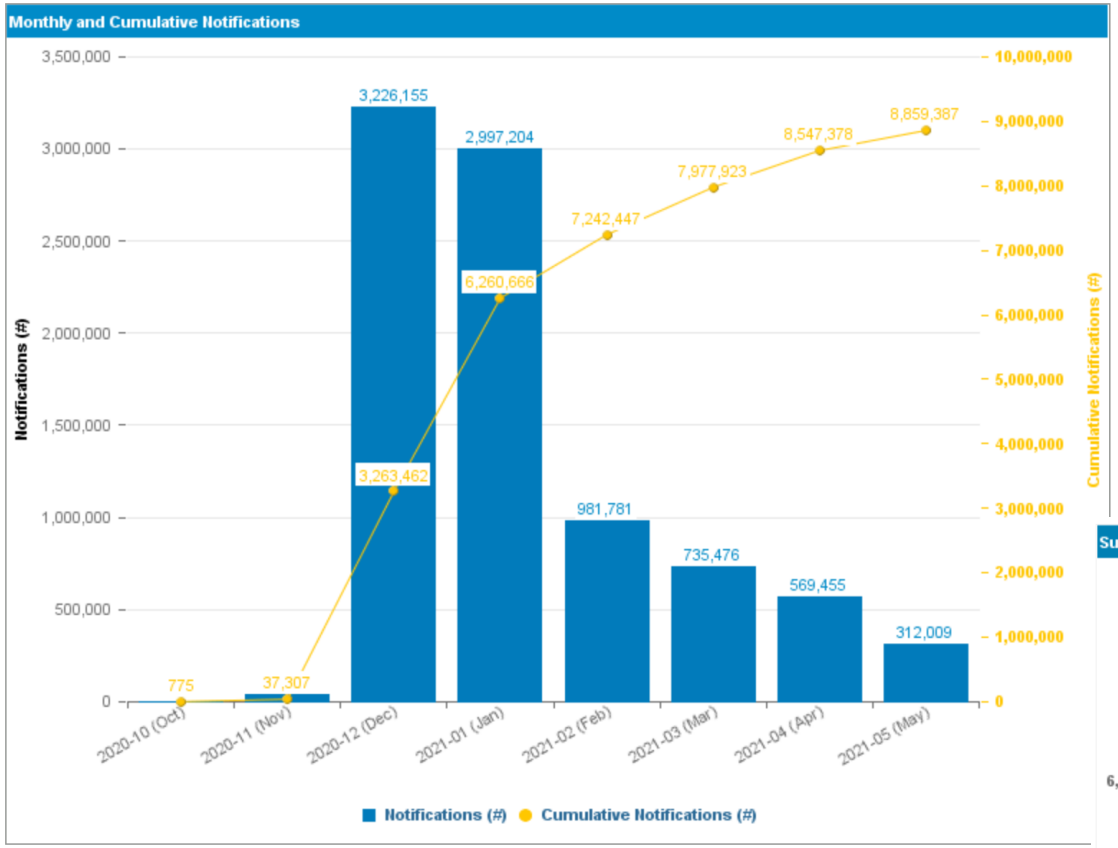
Period (from) 26/Oct/2020 (to) 10/May/2021





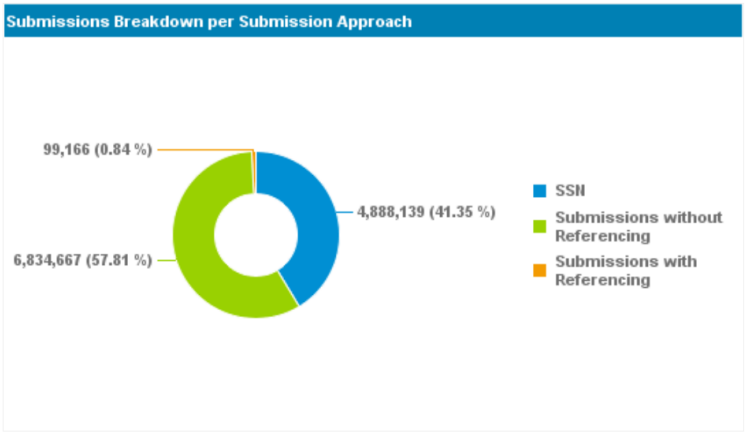
Initial Vs Updates submissions

Number of notifications



Period (from) 26/Oct/2020 (to) 10/May/2021

Submission approach used



A notification is counted as the first succeed submission of one article (same SCIP number).

No of Submissions and No of Legal entities submitting SCIP notifications by Member State

Legal Entity Country	Submissions (#)	Legal Entities (#)
Austria	510,099	142
Belgium	474,792	151
Bulgaria	295,052	39
Croatia	252,032	30
Cyprus	12,108	8
Czech Republic	514,335	131
Denmark	530,405	126
Estonia	270,348	25
Finland	487,247	88
France	1,336,741	320
Germany	1,666,330	1,252
Greece	259,258	48
Hungary	478,253	81
Ireland	393,810	89
Italy	629,833	805
Latvia	165,632	21
Lithuania	196,058	33
Luxembourg	15,282	11
Malta	600	7
Netherlands	772,765	287
Poland	573,606	165
Portugal	430,676	60
Romania	444,153	51
Slovakia	381,013	59
Slovenia	227,571	40
Spain	572,929	188
Sweden	653,008	229
Total	**12,543,936**	**4,486**

Period (from) 26/Oct/2020 (to) 10/May/2021

SCIP Tools release plan

SCIP tools over the time

- ECHA's aim:
  - Ensure sufficient stability and predictability of the tools
  - Ensure visibility and time to adapt to changes.

SCIP is complete new project that required tool improvements for the notifiers, for the users of the data and in some cases for the workability of the systems.

SCIP tools release plan 2021

IUCLID 6

Autumn
IUCLID SCIP Format release

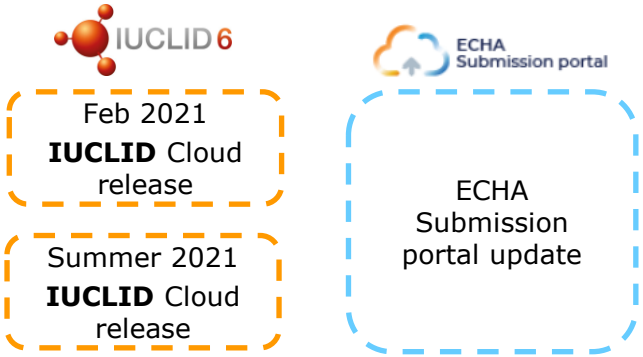
System-to-System

Summer
API new version release

January/July 2021
Official Candidate List update

Continuous improvements

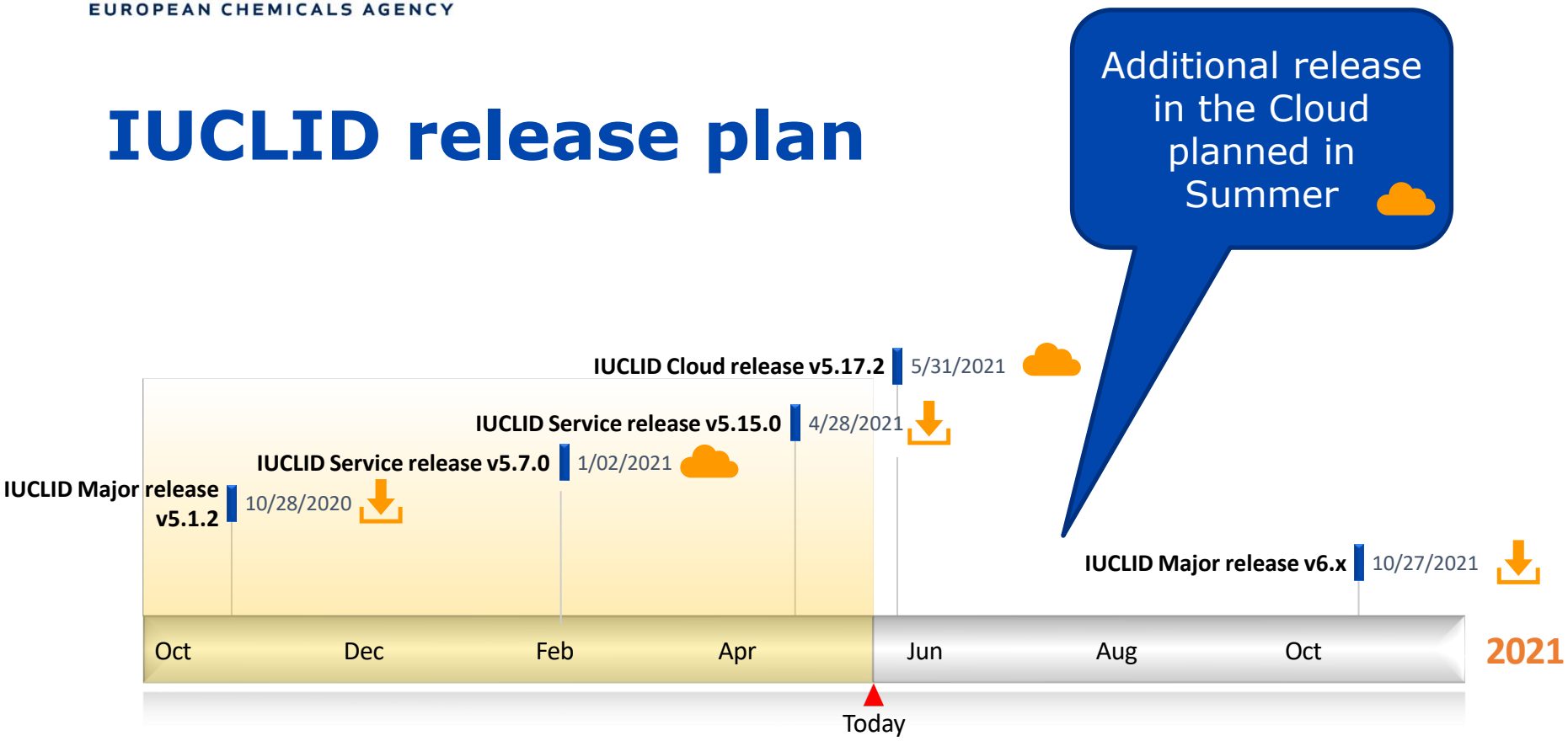
- IUCLID (UI features, bugs)
- ECHA Submission portal (SSN for one or more LE, Advance search.)
- S2S (additional features)
- Ad-hoc measures to ensure correct function of the tools (technical rule for dossiers>1000 components)



IUCLID format 2021

Francois Le Goff

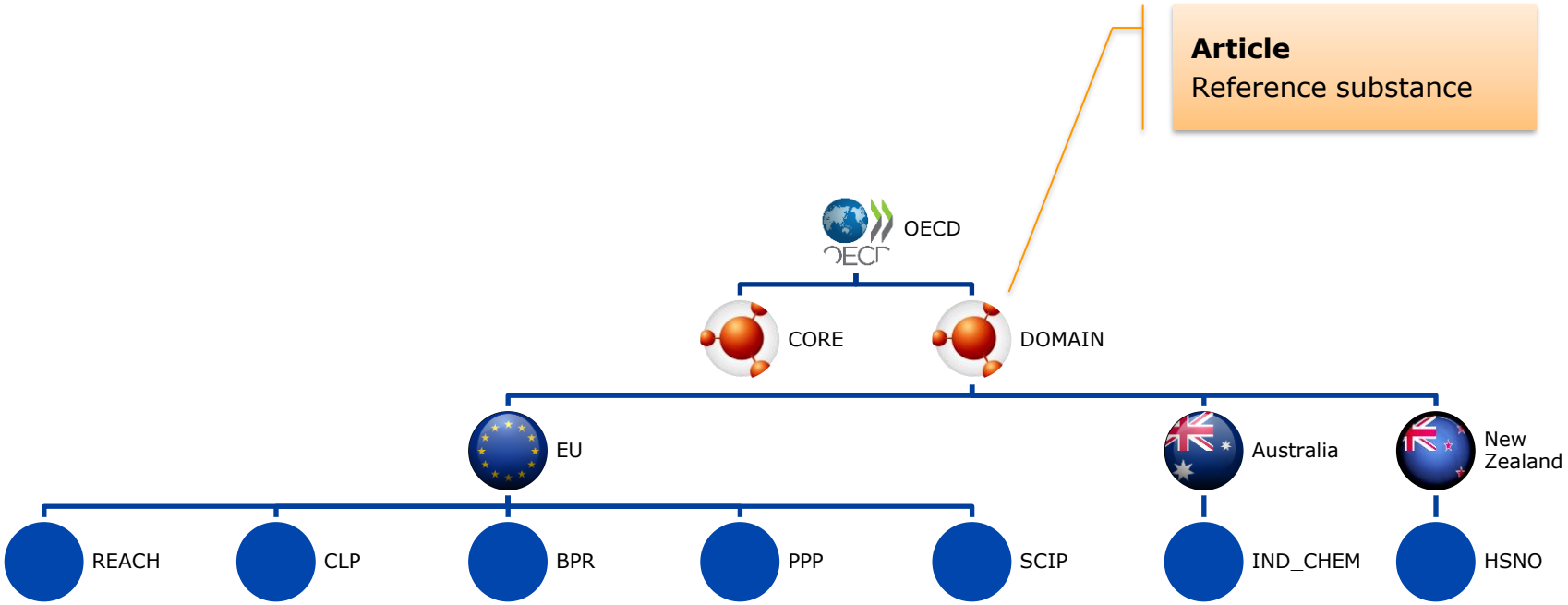
IUCLID release plan



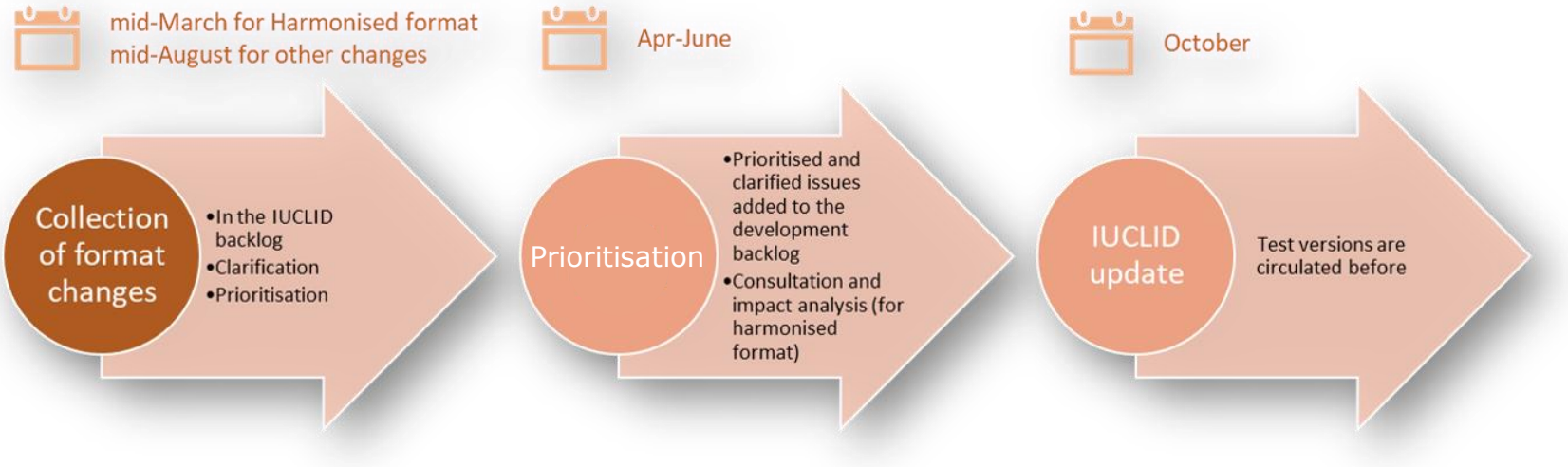
Cloud release only

Cloud and downloadable versions

IUCLID 6 format (relevant for SCIP)



Format changes timeline (2021)



Overview of format changes (2021)

- Article

  - Changes in the “Mixture category (EUPCS)” picklist (CLP change applicable to SCIP):
    - New category: PC-TEC-26 'Products for moulding, casting, rigid and flexible foams (including resin mixtures) - excludes adhesives, construction products, paints and coatings.
    - New category PC-TEC-27 'Products for the polymerisation of resins and foams'. Description: 'Includes curing agents, hardeners, cross-linkers’
    - Modified category: PP-PRD-OTH from ‘Other plant protection products’ to ‘Other plant protection products and related mixtures’

Overview of format changes (2021)

- Article

  - Update of the “Additional material characteristics” picklist
    New additional material characteristic: ‘Recovered ’

Overview of format changes (2021)

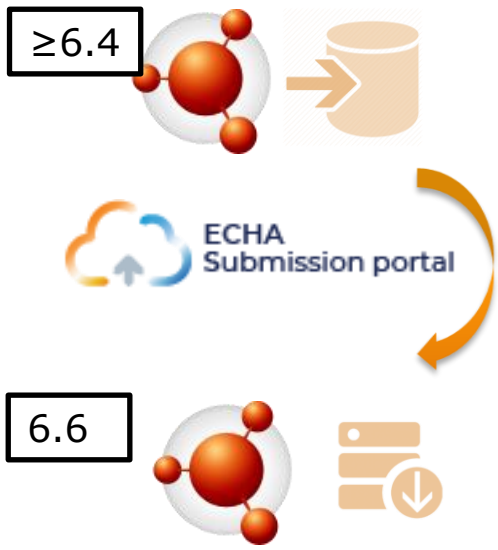
Other changes not yet specified – waiting for finalisation of the requirements

- Article
    - Update of the “Article category” picklist

What does an update of the format mean for users?

After the Oct. 2021 release

- For **data submitters**
  - No systematic impact as the new IUCLID version will be compatible with the previous version (files are migrated to the latest version after submission)
  - Impact only when Validation Assistant rules are updated
  - Recommendation to keep the format of your submissions up-to-date (the automated migration in IUCLID gives time to adapt)



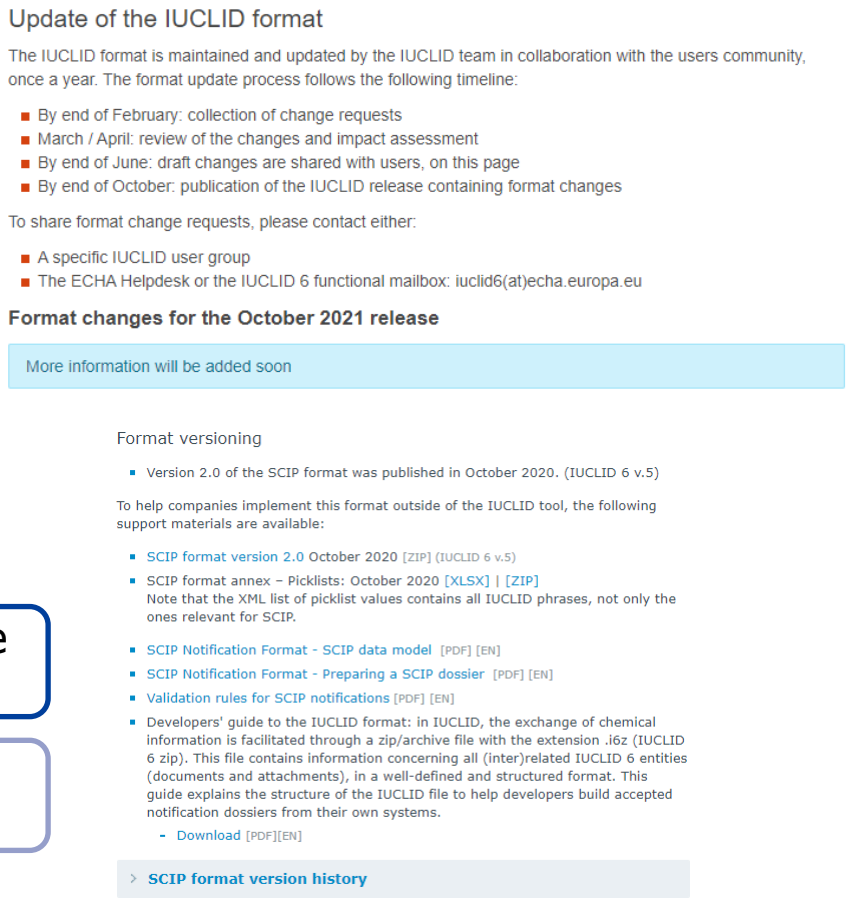
Format documentation

- The update of the IUCLID format will be documented on the IUCLID website:
  https://iuclid6.echa.europa.eu/format

- The subset of the SCIP format changes will be published on the SCIP page:
  https://echa.europa.eu/scip-format

June — Draft versions will start to be made available

October — Official format documentation publication



Update of the IUCLID format

The IUCLID format is maintained and updated by the IUCLID team in collaboration with the users community, once a year. The format update process follows the following timeline:

- By end of February: collection of change requests
- March / April: review of the changes and impact assessment
- By end of June: draft changes are shared with users, on this page
- By end of October: publication of the IUCLID release containing format changes

To share format change requests, please contact either:

- A specific IUCLID user group
- The ECHA Helpdesk or the IUCLID 6 functional mailbox: iuclid6(at)echa.europa.eu

Format changes for the October 2021 release

More information will be added soon

Format versioning

- Version 2.0 of the SCIP format was published in October 2020. (IUCLID 6 v.5)

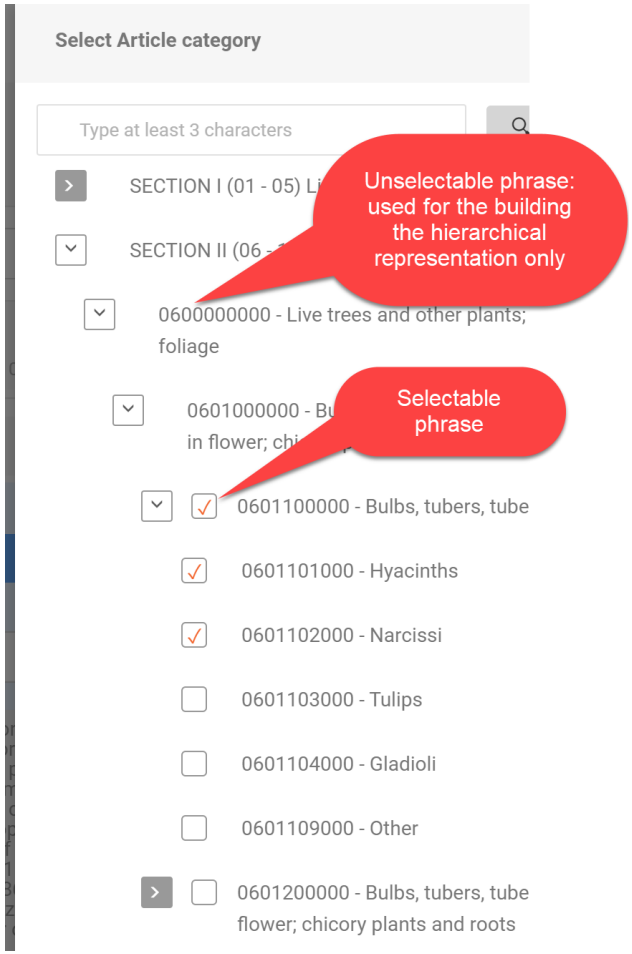
To help companies implement this format outside of the IUCLID tool, the following support materials are available:

- SCIP format version 2.0 October 2020 [ZIP] (IUCLID 6 v.5)
- SCIP format annex – Picklists: October 2020 [XLSX] | [ZIP]
  Note that the XML list of picklist values contains all IUCLID phrases, not only the ones relevant for SCIP.
- SCIP Notification Format - SCIP data model [PDF] [EN]
- SCIP Notification Format - Preparing a SCIP dossier [PDF] [EN]
- Validation rules for SCIP notifications [PDF] [EN]
- Developers' guide to the IUCLID format: in IUCLID, the exchange of chemical information is facilitated through a zip/archive file with the extension .i6z (IUCLID 6 zip). This file contains information concerning all (inter)related IUCLID 6 entities (documents and attachments), in a well-defined and structured format. This guide explains the structure of the IUCLID file to help developers build accepted notification dossiers from their own systems.
  - Download [PDF][EN]

SCIP format version history

Format documentation: phrase groups

- Phrase groups are part of the format documentation: Excel list and XSDs
  - Selectable (valid) phrases
  - Obsolete phrases
  - Non-selectable phrases: used in hierarchical phrase groups when a parent phrase cannot be selected
- In a **future** update the **Excel** file will not contain obsolete or non-selectable values: this will be the reference for valid phrases
- The **XSD** files
  - contain valid phrases
  - contain obsolete values (as they are still accepted but should not be used anymore)
  - for the time being they also contain non-selectable values: will be removed in the October 2021 release (these phrases are rejected since February 2021)



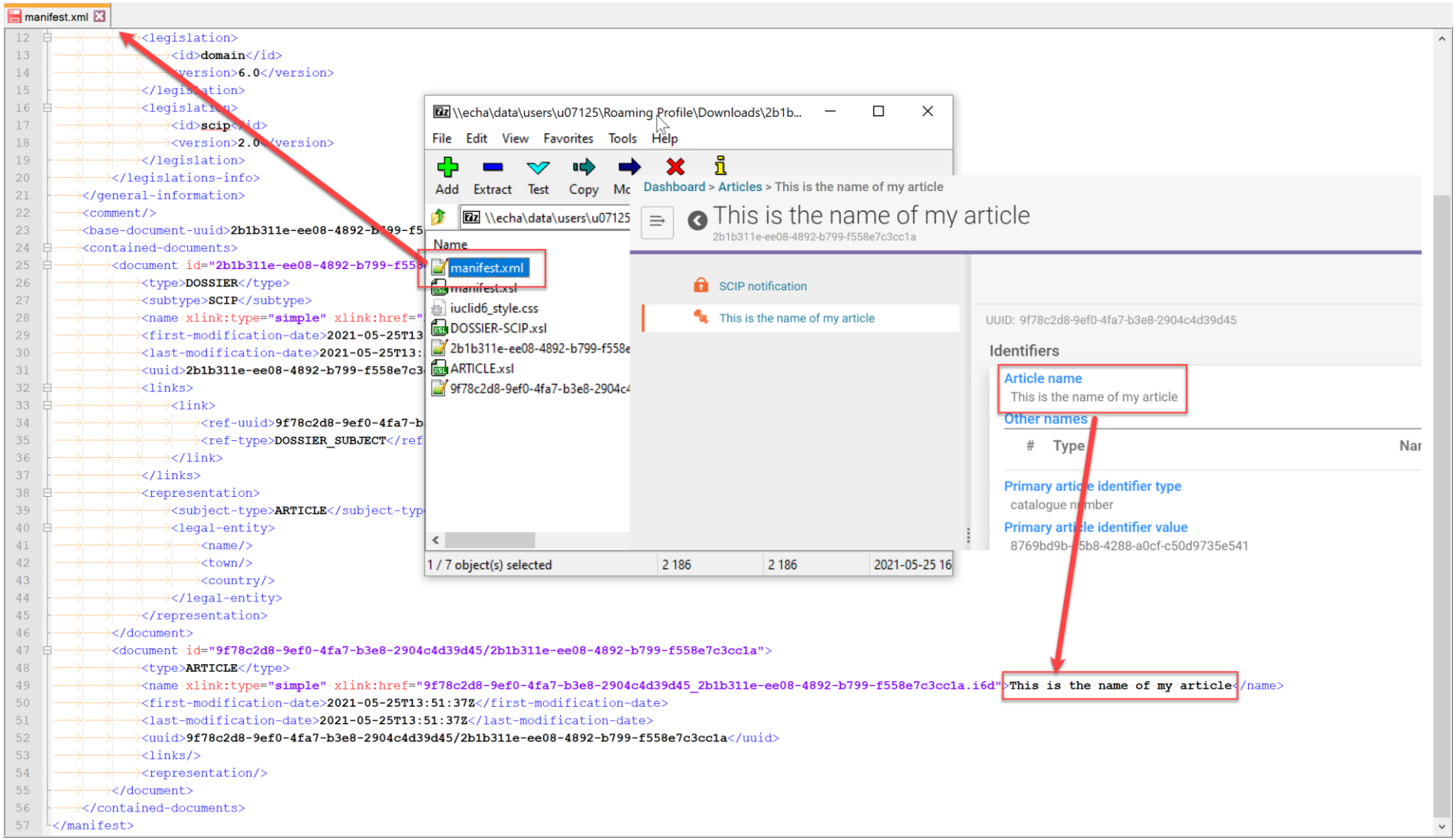
Format documentation: phrase groups - recommendations

- SCIP format on the ECHA website
  - Refer to the Excel file to check valid phrases

- IUCLID format on the IUCLID website
  - To find more information about parent (non-selectable) phrases and obsolete phrases

Note on the content of the manifest file

- XSD included in the SCIP documentation package
- The content should reflect / be in line with the content of the dossier
  - For example: the name of the article in the Article xml file and in the Manifest xml file should be the same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</legislation>
</legislations-info>
</general-information>
<comment/>
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<subtype>SCIP</subtype>
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\\echa\data\users\u07125\Roaming Profile\Downloads\2b1b...
File Edit View Favorites Tools Help
Add Extract Test Copy Mc
\\echa\data\users\u07125
Name
manifest.xml
manifest.xsl
iuclid6_style.css
DOSSIER-SCIP.xsl
2b1b311e-ee08-4892-b799-f558e
ARTICLE.xsl
9f78c2d8-9ef0-4fa7-b3e8-2904c4
1 / 7 object(s) selected
2 186
2 186
2021-05-25 16
Dashboard > Articles > This is the name of my article
This is the name of my article
2b1b311e-ee08-4892-b799-f558e7c3cc1a
SCIP notification
This is the name of my article
UUID: 9f78c2d8-9ef0-4fa7-b3e8-2904c4d39d45
Identifiers
Article name
This is the name of my article
Other names
Type Nar
Primary article identifier type
catalogue number
Primary article identifier value
8769bd9b-5b8-4288-a0cf-c50d9735e541

Submission API Interface

- *V3 presentation and rollout*
- *Notes on the API usage*
- *S2S Key new capabilities*
- *Linkedin Group*

Ferran Villar Garcia

s2s/v2/ **157,401,349** hits
s2s/ **2,146,502** hits
Since last **May 1st**

Submission API interface v3 rollout

- v3 is going a be made available by end of July 2021
- v1 and v2 will remain intact
- v1 will be available until end of October 2021
- v2 will be available until next summer July 2022

- Communication will be sent prior publishing.
- Reminder: Use Test mode for study and adoption.

Adoption of the new version requires a new **url** to be configured on the requests to Submission portal.

Note on May 2021 API usage

- submit dossier
  552 000 v1
  707 000 v2

- events
  535 v1
  689 000 v2

- submission report
  1 000 000 v1
  117 000 000 v2

- sbr (only v2)
  42 000

- There seems to be some challenge on the way the submission report can be obtained.

- The frequency and intensity of the submission report fetch obtain Submission status and SCIP number needs to be relaxed.

- No delays on Article submissions processing has been identified on SCIP database during May and traffic levels have been low.

Submission API v3 new added features

- ***Submission report:***

  Added Referenced SCIP number in SSN reports

- ***Events: (Enhancements to facilitate and promote usage)***

  Added Dossier UUID and SCIP number


```
{
      "submissionNumber": "RMH368402-18",
      "dossierType": "SCIP",
      "eventType": "PASSED",
      "eventData": {},
      "timestamp": "2021-05-17T14:47:48.06797+03:00",
      "offset": 931,
      "statusUrl": "https://api.ecs.echa.europa.eu/submission/RMH368402-18",
      "dossierUuid": "12d20f6c-dd32-4412-b4f5-6c2c379b995d",
      "pssi": "bed9ee0e-1ae8-459b-b61e-3510dcb413d7"
}
```

Note on usage – Submission report fetch

B.2 Getting the submission report

Table 20: Recommendations – Getting the submission report

#	Description
1.	Avoid polling for getting the submission report to identify the status of each submission, instead get the list of events related to your submissions (where the submission status is also depicted).
2.	Get the submission report when the status is final (either successful or failed) in order to fetch the information related to this submission. Submission reports for pending submissions (being processed) do not include dossier information.

3) Get submission report may be called when the status of submission is final (passed or failed) to fetch additional information (if needed)

4) Polling for submission reports should have a different configuration (e.g. incremental "polling") to the submission service. ECHA proposes to use the following intervals 5 min, 1 hour, 6 hours, 1 day.

S2S_integreation_v1.2 (europa.eu)

Note on API usage – Events information

B.3 Getting the list of events

Table 21: Recommendations – Getting the list of events

#	Description
1.	Prefer getting the list of events to determine the submission status since each event conveys the submission status information.
2.	Polling for events should have a different configuration to the submission service. Polling may be continuously performed without any upper limit on a scheduled basis. The schedule is to be defined by the Industry systems depending on the number of submissions they perform (e.g. could be 1 min, 1hour, 6 hours, 1day).
3.	During periods of high levels of activity, you may experience longer processing times, during which the submissions will appear with pending status. As a result, polling should continue until the final status of the relevant submissions is shown. If certain submission still appear as pending after a period (few days), contact ECHA via the ECHA Contact form providing the necessary details (LE UUID, submission number).

S2S_integreation_v1.2 (europa.eu)

Events information fetch scenarios

A. Communication lost / break during multiple submission leading to an unknown status.

   To avoid resubmission of same data

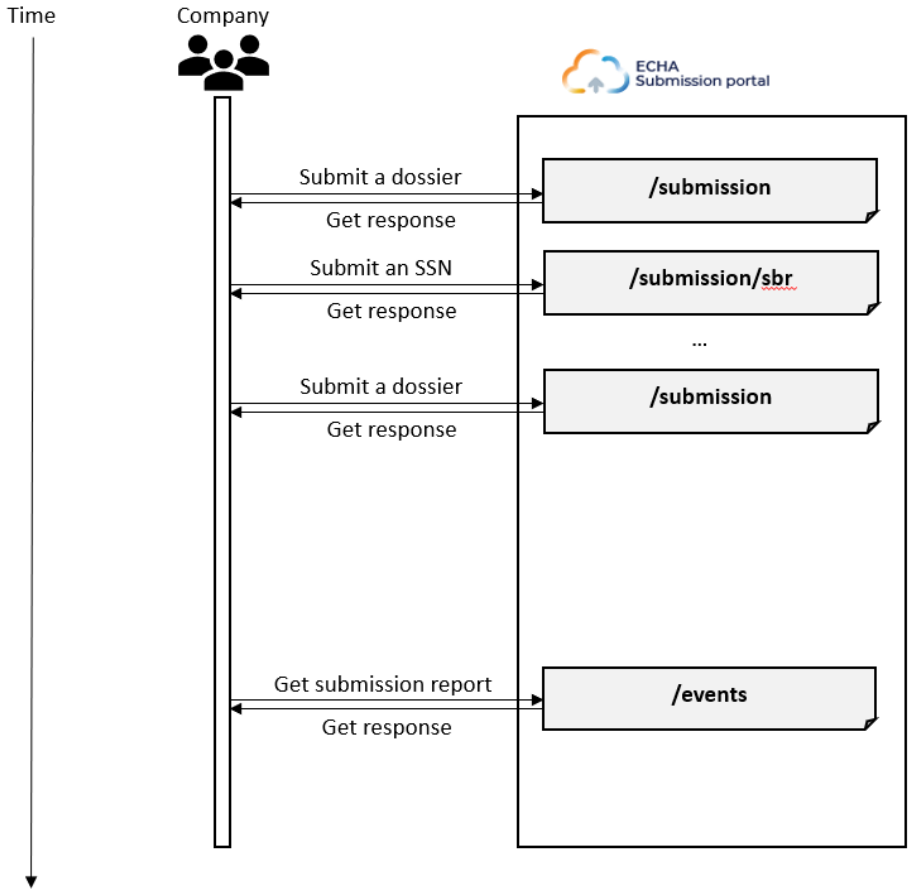
   To allow to fetch key information lost on former submission

B. Instead of fetching multiple individual submission reports to obtain key information all at once streamlining the integration (Submission ID, Report URL, Status)

   Depending on the Status you will then fetch the submission report, but the idea is to filter at maximum the cases where this is necessary.

   Promoting for example the follow up on the QLT rules that are going a be part of SCIP validation on the upcoming months.

Events fetch description



1. Submission multiple dossiers and/or SSNs
2. ECHA Submission portal sends back a response for each submission
3. Requests the list of events related to their submissions
4. Response including key information: submission Number, dossier UUID, SCIP number, Event Type (submitted, passed or failed), offset, status Url

Hints

- Reduce the need to get the submission report only for the submission (initial, updates) with final status (failed, success) to check validation details.
- Avoid the usage to obtain submission number and fetch statuses.
- In v3 Key submission information is available in the events call.

ECHA ensures business continuity by officially supporting current Legal entity centric approach. Legal entities will not be forced to switch in short – mid term.

S2S Key new capabilities (I)

Currently

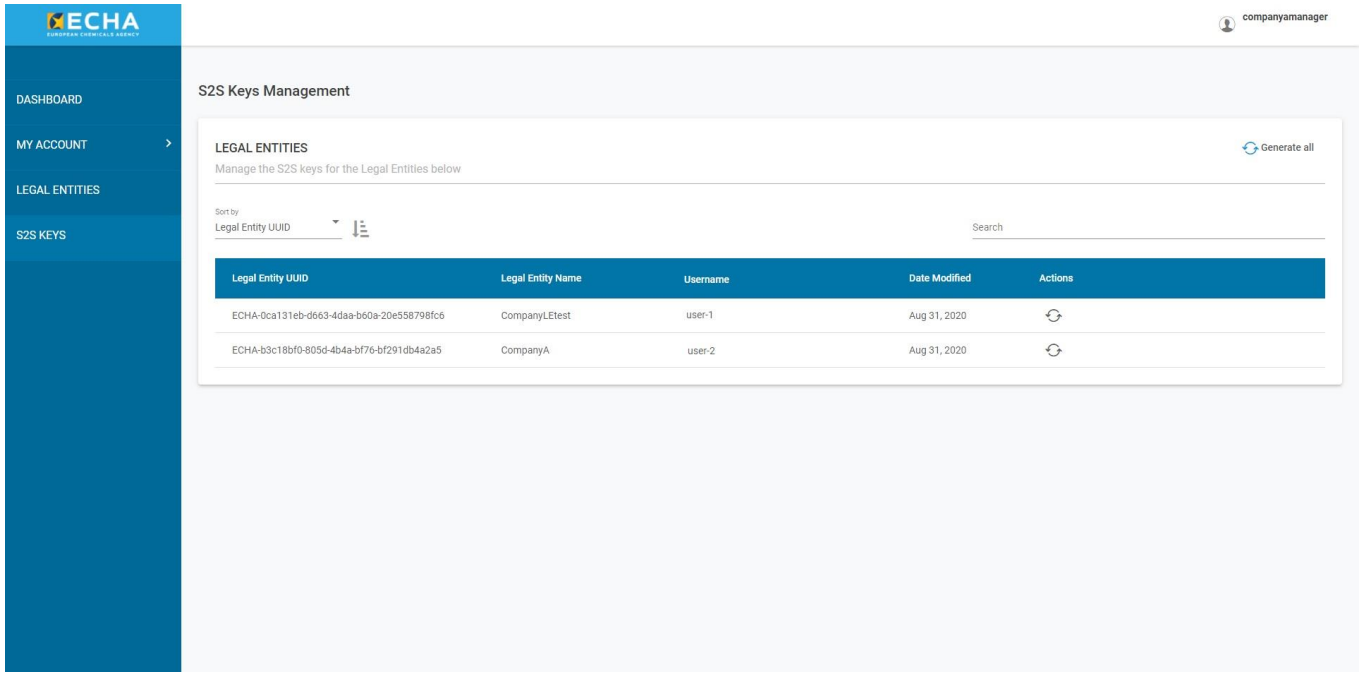
- One Key per Legal Entity: The LE manager assigns one or more S2S Key managers for his company, all having access to the same key.
- If the S2S Key is compromised by one S2S Key managers, then a new S2S Key should be issued and reconfigured to all the S2S Key managers tools

New functionality

- Creation multiple keys for the same LE each linked to a user.
- Each S2S Key manager is responsible for a specific key
- Additional management to invalidate, regenerate Users / Keys.

S2S Key new capabilities (II)

- ECHA account new feature will be released by Mid June 2021.



S2S Key new capabilities (III)

After the functionality release the following behaviours are going a be available:

- Legal Entity: Same behaviour as today. Additionally, during token refresh all other LE tokens should be refreshed with the same token as well
- Mixed: Personal tokens will be managed through the UI, but Legal Entity tokens will still be accepted in the token exchange endpoint
- Personal: Only personal tokens will be accepted in the token exchange endpoint

S2S Key new functionality (IV)

Token generation changes:

- Every company will have as many keys as its users
- API keys are generated through the ECHA Accounts
- The API key (Base64URL encoded) is used as shared secret for signing the JWT
- Multiple JWT tokens per company are generated (signed with the respective API key)

```
{
"alg": "HS256",
"typ": "JWT"
}
.
{
"sub": "<s2s-user>",
"x-echa-party": "<le-uuid>",
"exp": <expiration-time>
}
```

Full functionality description is going a be available later in June via ECHA Account, and S2S documentation.

A notification will be shared on when the documents are released.

LinkedIn Group – Submission API

- ECHA started recently a linked in group to follow up and create a community in regards the S2S interface and Submission API activities.
- [System-to-system (S2S) support network for ECHA Submission portal users | Groups | LinkedIn]

Ramping up
Work in progress

Looking at the data

Clara Rueda

Provide your feedback!

1. Submission, by different Legal Entities, of dossiers with the same UUID but different content
2. Update submissions with the same content than the previous submission
3. Reporting components with the same name, primary article type and value
4. Reporting of only numbers as article name
5. Reporting of more than three consecutive layers with the same article category in a complex object

If you don't have feedback today you can send us and email (scip@echa.europa.eu) before June 4th

1. Submission, by different Legal Entities, of dossiers with the same UUID but different content

By design a IUCLID dossier is defined as a snapshot at a specific moment in time of a dataset of one article. A dossier is a read-only entity whose integrity must be maintained. It includes a document UUID (Universal unique identifier) which is the unique identifier of the document.

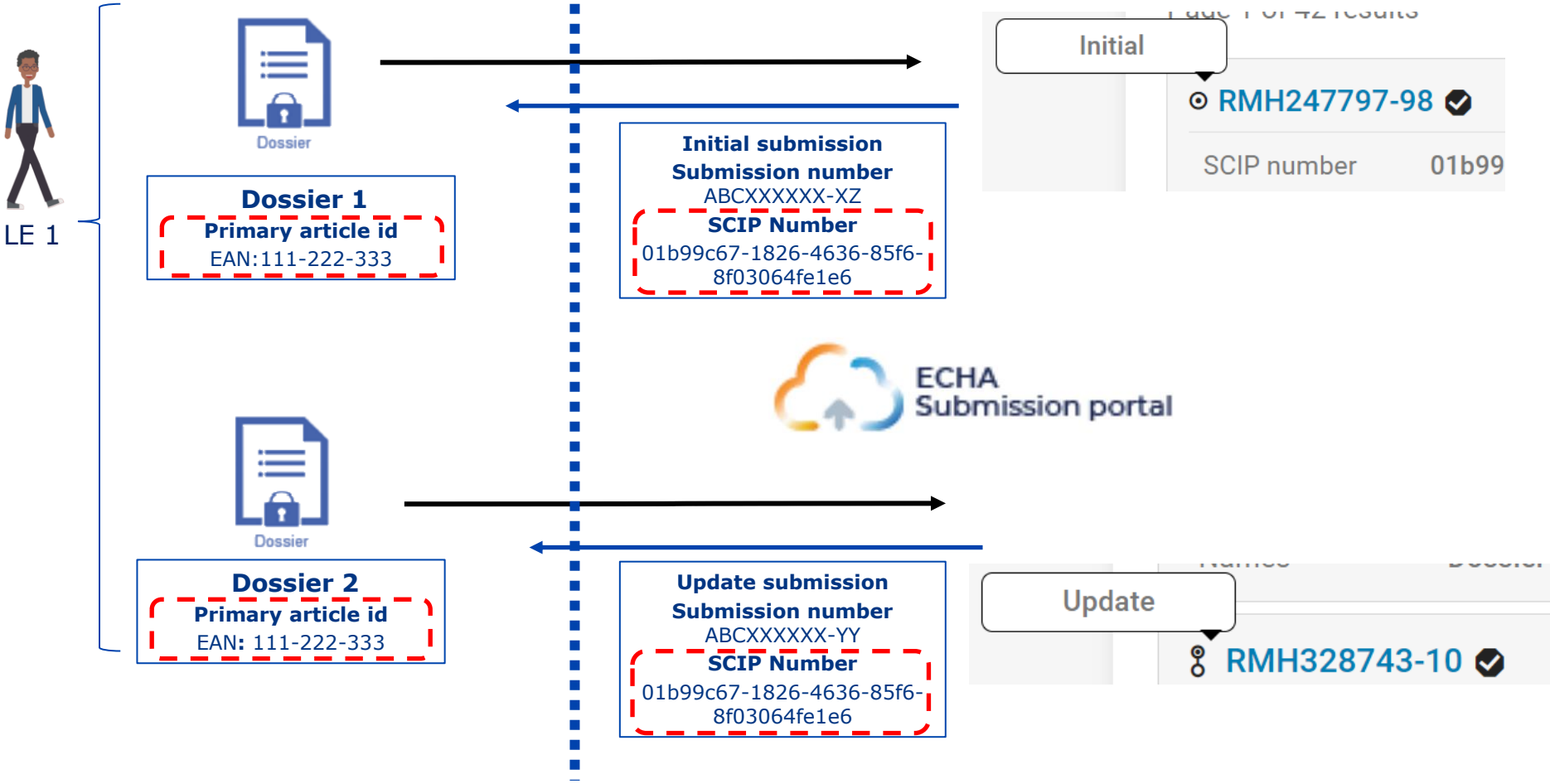
Current situation

- SCIP **does not allow** multiple submissions of a dossier with the same UUID by the same Legal entity (BR719) (as it is interpreted as a tentative to submit the same information several times).
- SCIP **allows** submission of dossiers with the same UUID by different Legal Entity to cover situations were SSN was not possible to use.
- SCIP is receiving dossiers with **same UUID but different content**, that non-foreseen behaviour of the design lead on technical issues.

Next steps

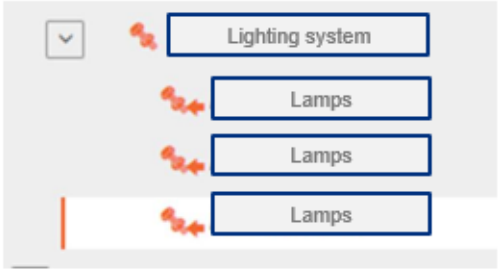
- In Oct 2021 we envisage to extend current BR719 to any LE so SCIP will not allow the submissions of dossiers with the same UUID two times.
- We recommend to those companies following this strategy to reassess the possible use of SSN to reduce their need to submit and manage additional data.

2. Update submissions with the same content than the previous submission



3. Reporting components with the same name, primary article type and value

At the same level



Use the 'Number of units' field to report the number of occurrence of a component inside the same complex object.

At different levels

Reassess the need to report:

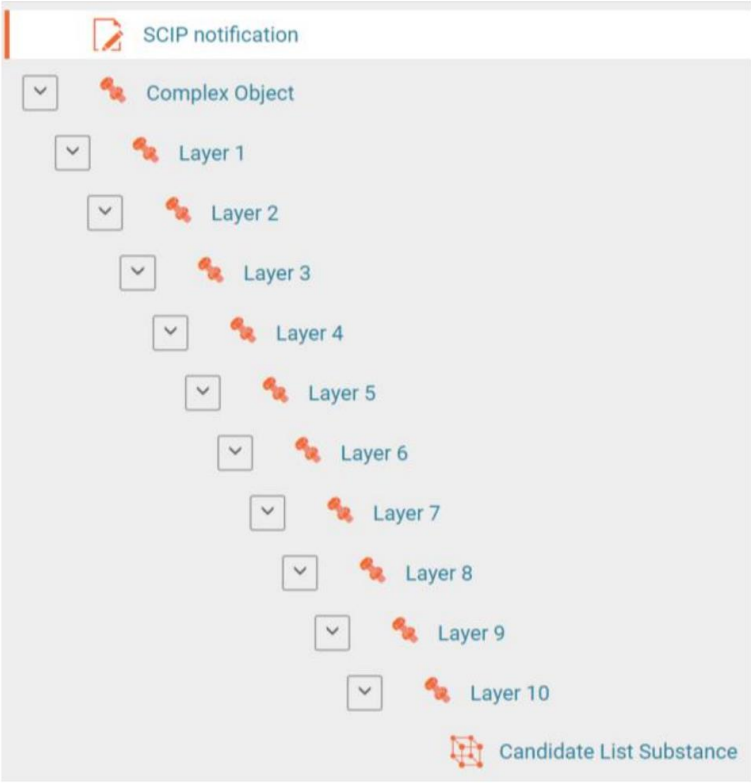
- The same identifiers at the top level entity and its components
- The same identifiers in consecutive layers

4. Reporting of only numbers as article name

A high number of notifications include as an "article name" only numbers.

- Follow our recommendations on information requirements ("Requirements for SCIP notifications") it should reflect how the article is commonly known (e.g. screw, blade, pencil sharpener, digital watch, engine, motorcycle)
- A submitter can use the fields "primary article identifier" or "other article identifier" to provide a numerical or alphanumerical identifier assigned to the article.
- Review the document "Dissemination and confidentiality in the SCIP Database" to have a good understanding of what information will be made available in the SCIP database so each company can better assess how to identify the article in the notification.
- Review the document "Tools to refer to SCIP data already submitted to ECHA" to understand how the data provided by referencing will be disseminated.

5. Reporting of more than three consecutive layers with the same article category in a complex object

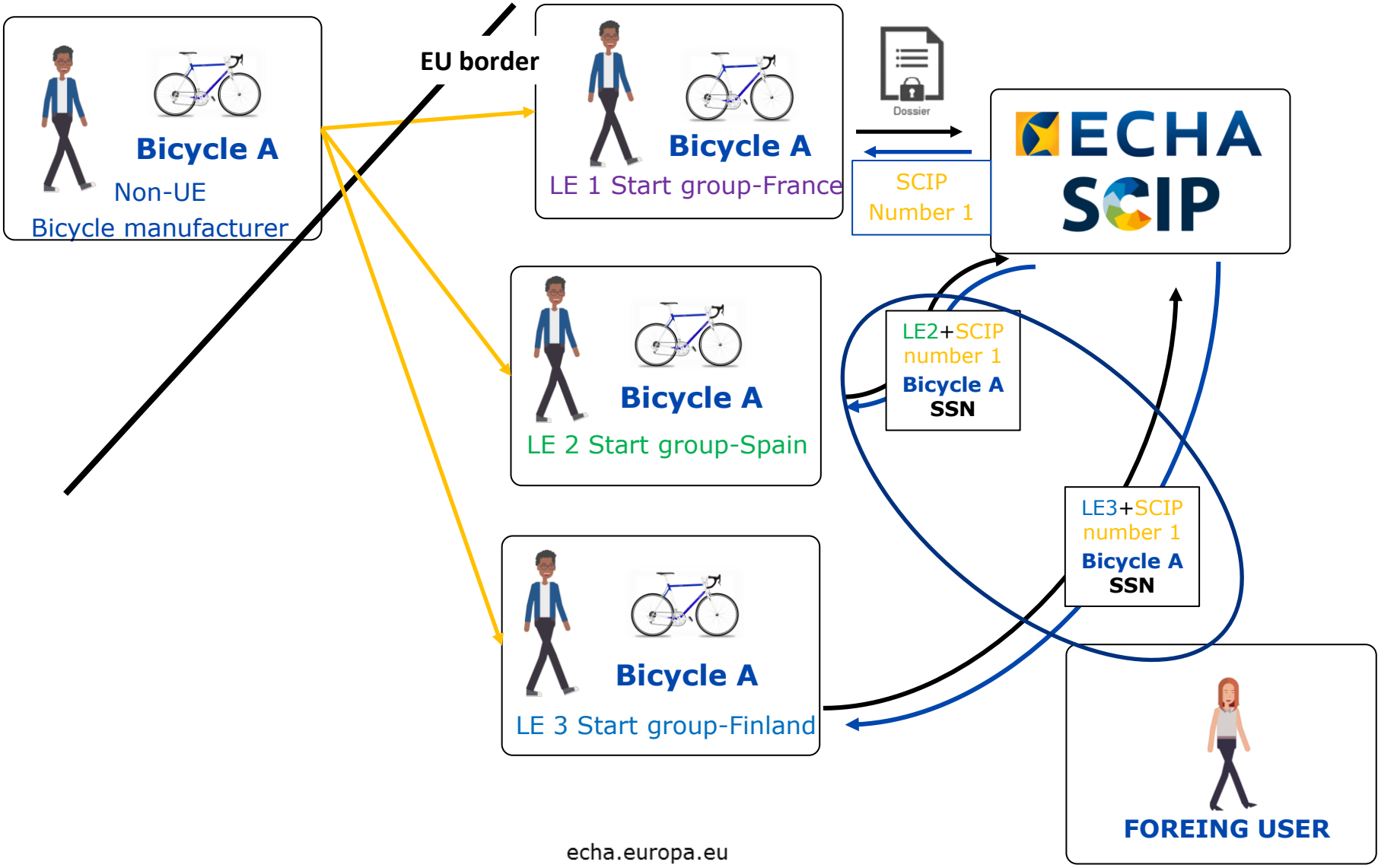


In notifications of complex objects, the layers of components reported to allow the identification and location of the article containing the SVHC are often very extensive and include the same article category in many consecutive layers. We recommend, based on practical considerations, to include the number of layers at each assembling stage. This approach is represented in Figure 9 of the document "Requirements for SCIP notifications". By following the components placed on the market and incorporated in complex objects at each assembling stage, it is possible to include the information for each component in the SCIP database by using the name and the article category (CN/TARIC code and description) for each component assembled at each particular stage.

Simplified SCIP Notification for one or more Legal entities

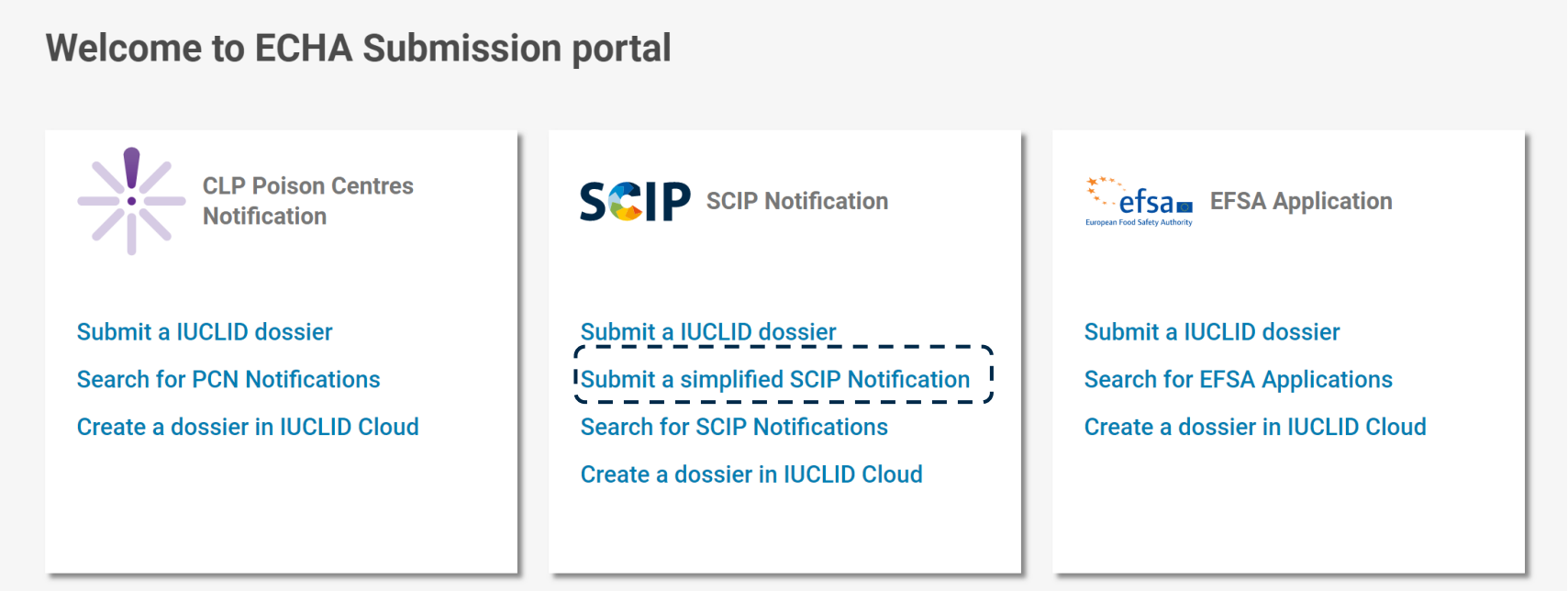
Clara Rueda

SSN(s) for one or more LE overview



How to use it?

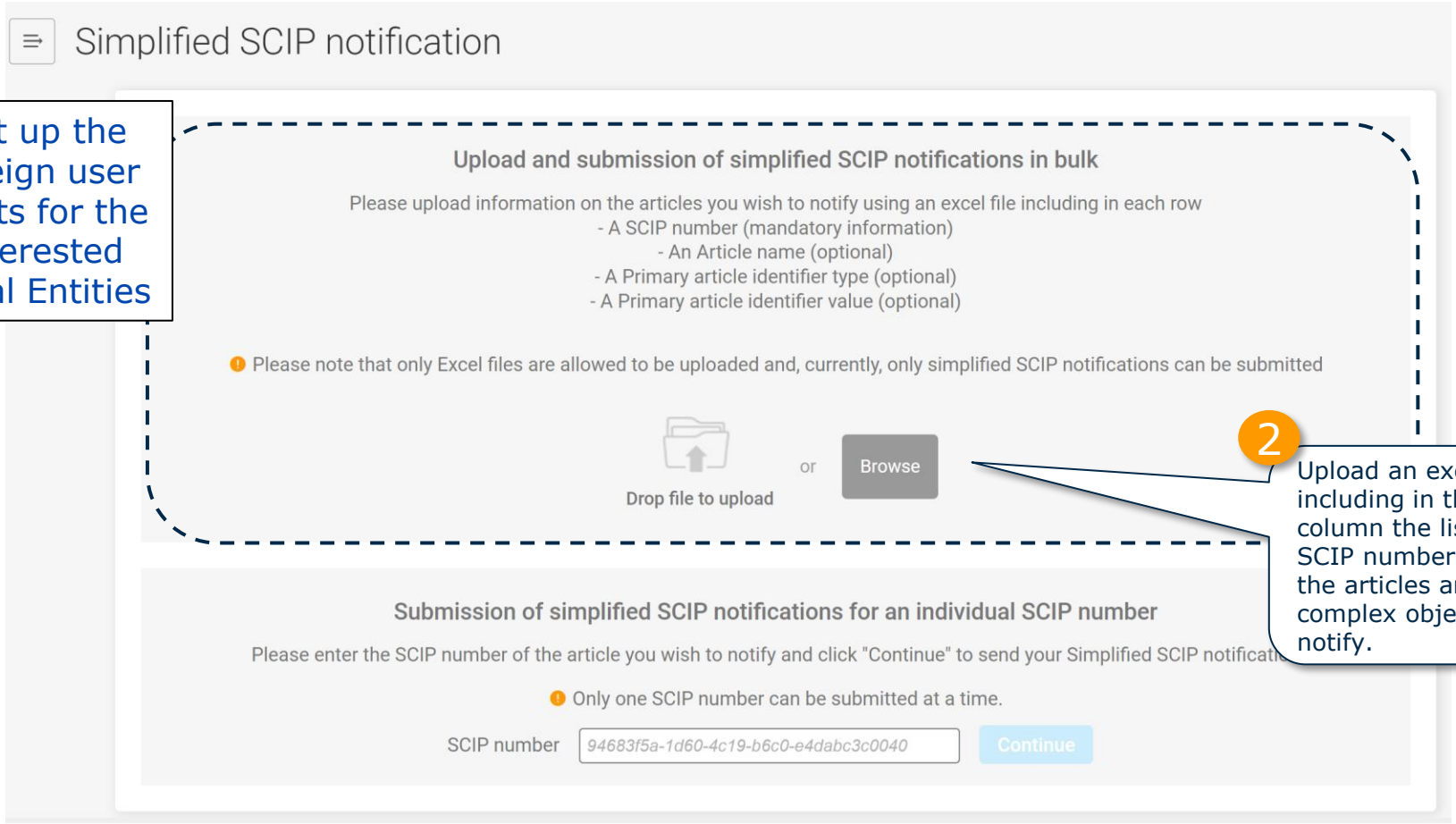
1. Set up the foreign user rights of the interested Legal Entities
2. Compile the SCIP numbers needed to submit SSN
3. Access to the ECHA submission portal



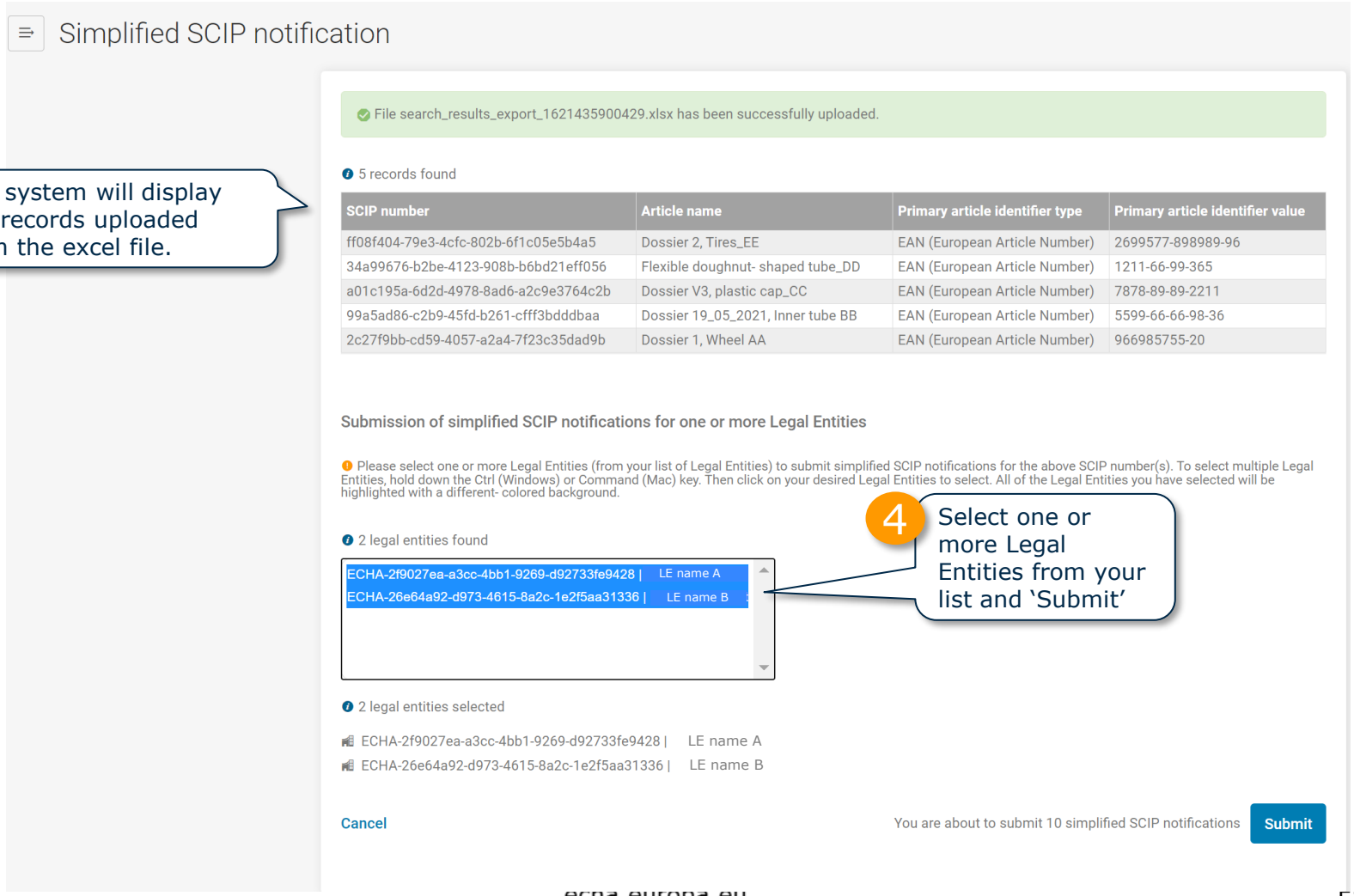
Additional information related with the Foreign user functionality available at Q&A 1665, Q&A 960 and ECHA Accounts manual.

Additional information available at "Tools to refer to SCIP data already submitted to ECHA" and Q&A 1777

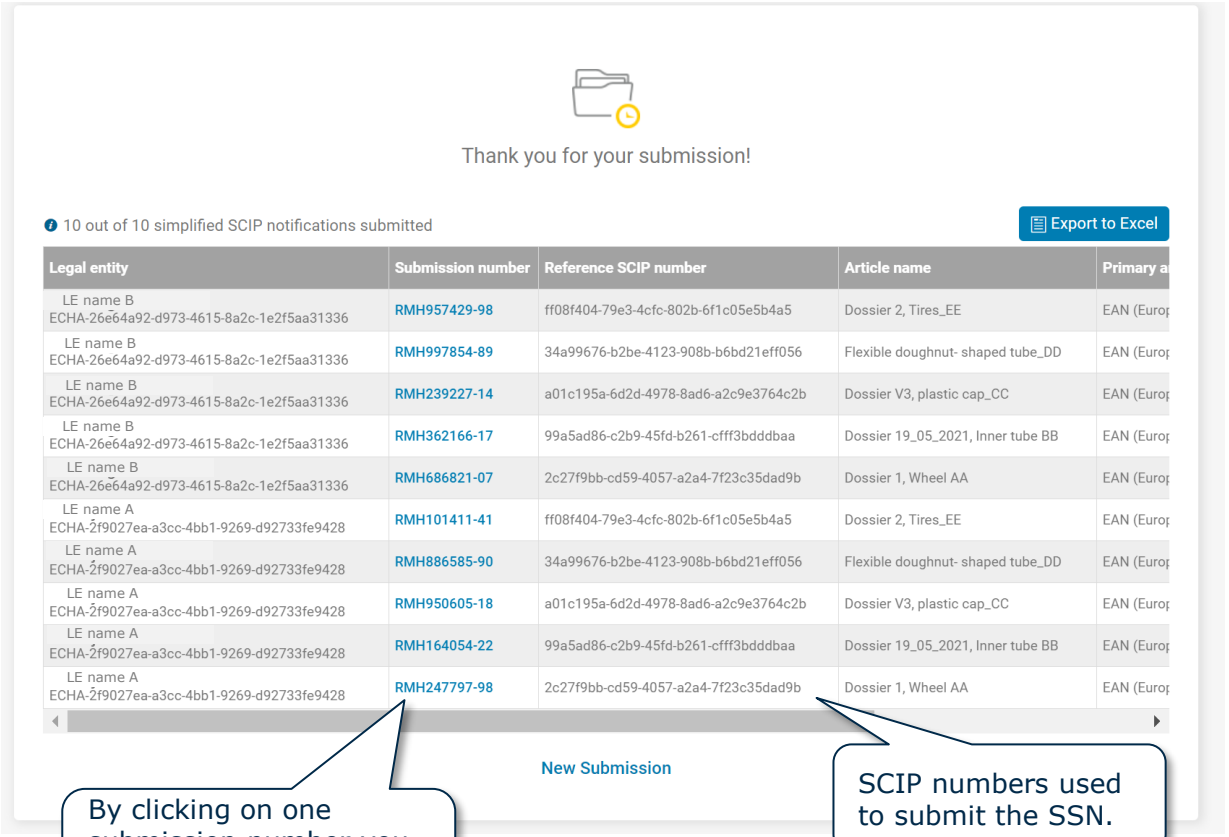
Simplified SCIP notification in bulk I



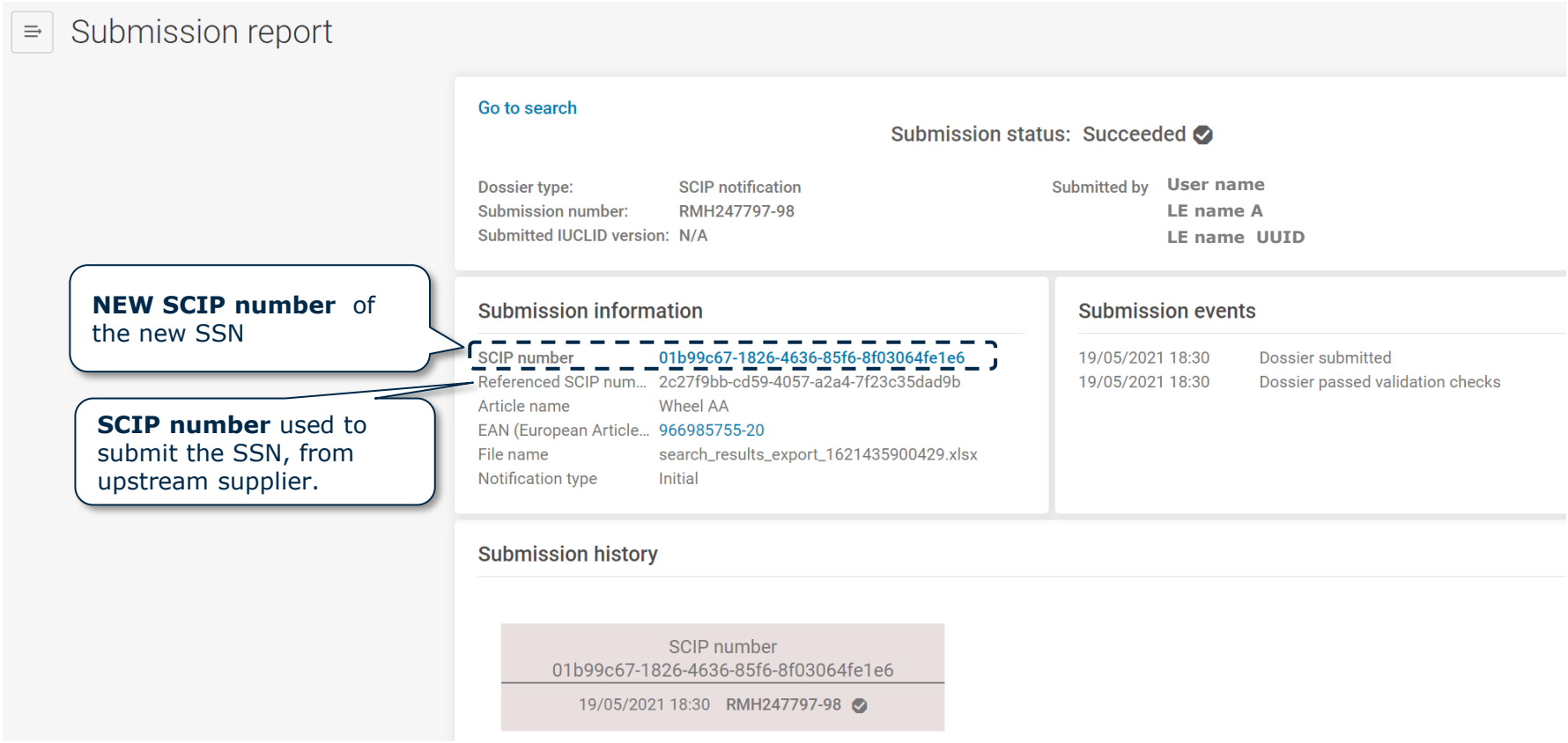
Simplified SCIP notification in bulk II



Simplified SCIP notification in bulk III



Submission report



Next SCIP events

Next SCIP IT user group meeting

30 **September** 2021 (15-16.30 Helsinki time)

Please follow our website for updates: https://echa.europa.eu/scip

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