



# One year of the SCIP database: key learnings and way forward

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#SAFERCHEMICALS

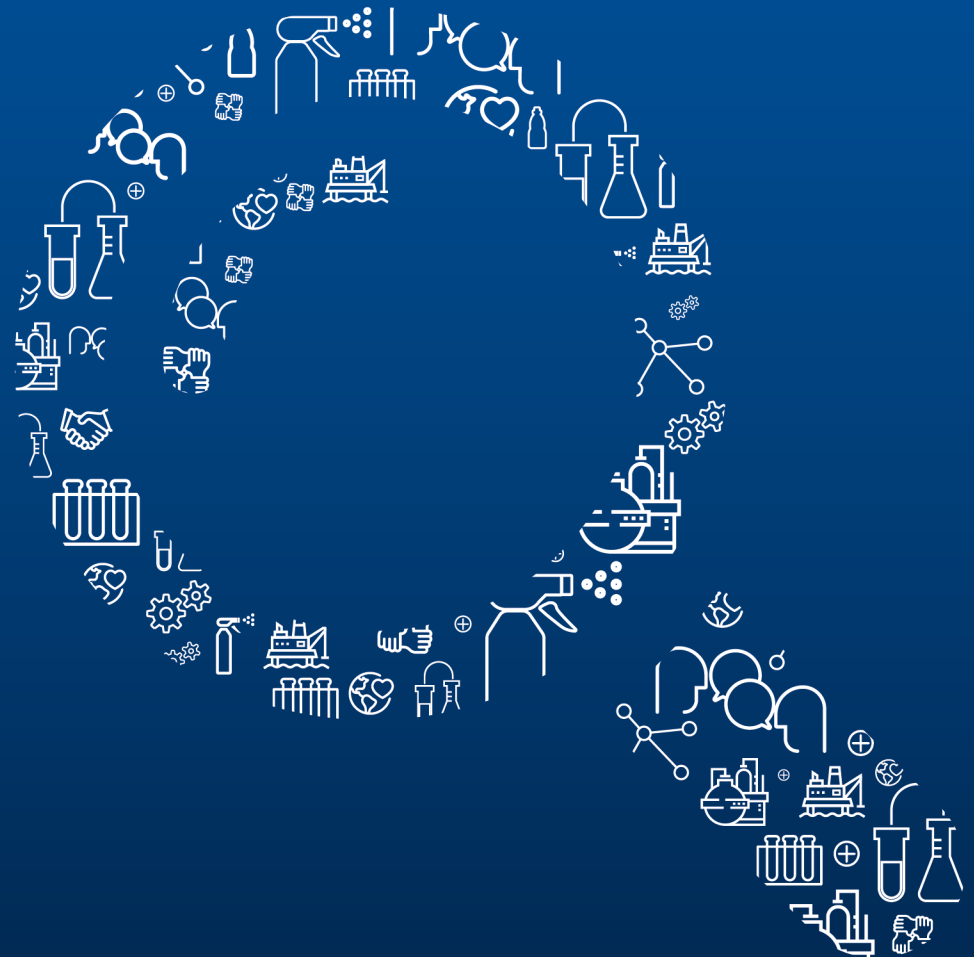


# Overview

- What is SCIP and why we built it?
- The SCIP journey: substances of very high concern (SVHCs) in articles and products
- How SCIP improves transparency
- Future outlook for SCIP



# What is SCIP and why we built it?



# The start

## EU's circular economy action plan



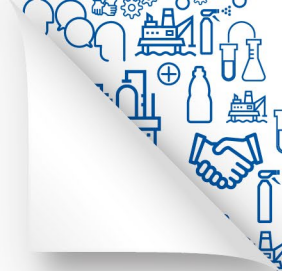
Legal basis

## Waste Framework Directive (WFD)



## Establish and maintain a database

for info communicated down in the supply chain on **SVHCs in articles**



# Why was SCIP included in the Waste Framework Directive?

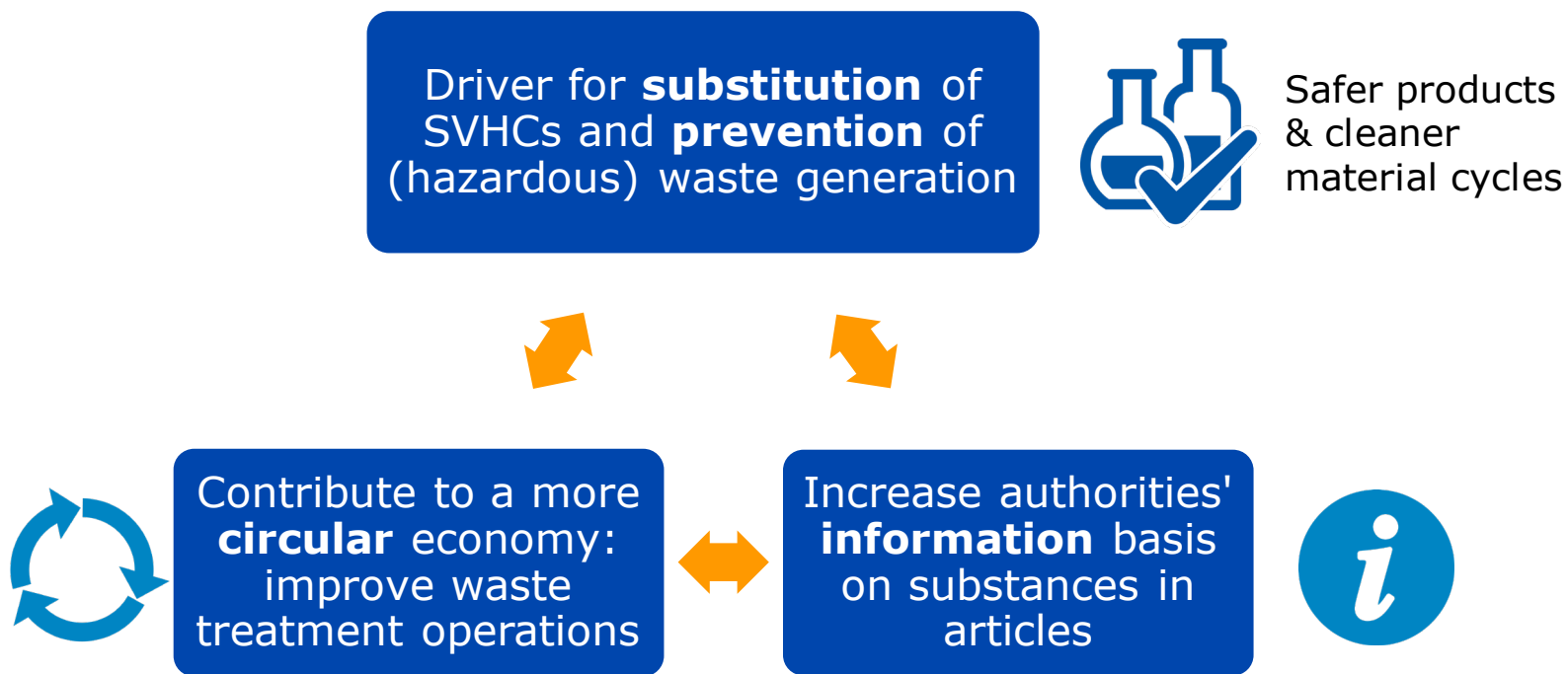
- To ensure that sufficient information about the presence of **substances of very high concern (SVHCs)** is communicated throughout the whole life cycle of products and materials, including to **waste operators**
- To reduce SVHCs in materials and products, including recycled materials



- ✓ Promote the use of waste as a resource and support in improving current waste management practices
- ✓ Promote and support sustainable production and informed choice by consumers

This is also linked with REACH (Article 33) communication duties for SVHC in articles within supply chains

# SCIP database: objectives





# Articles and complex objects

Article



Complex object

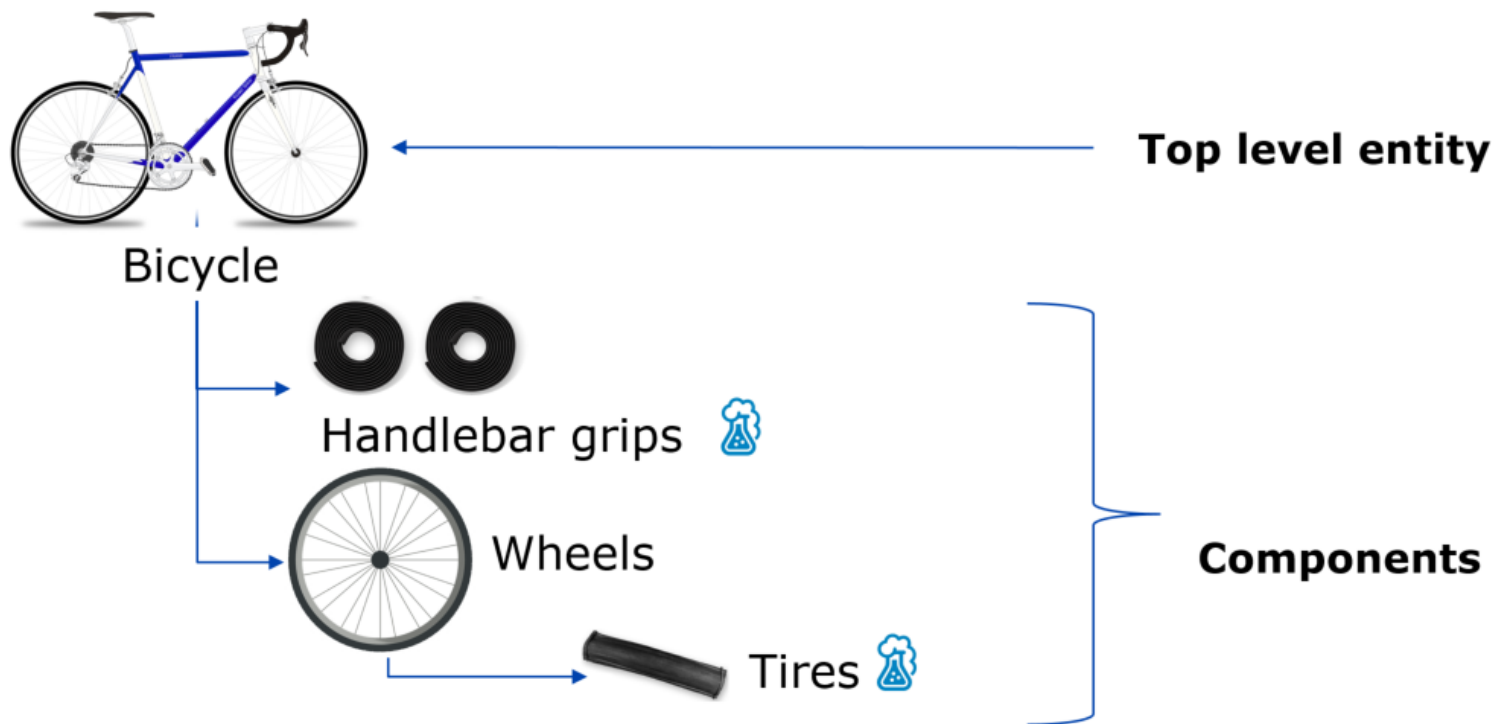
Articles remain articles when incorporated in “complex objects”



See the [Guidance on Requirements for Substance in Articles](#) for further information



# Hierarchy concept





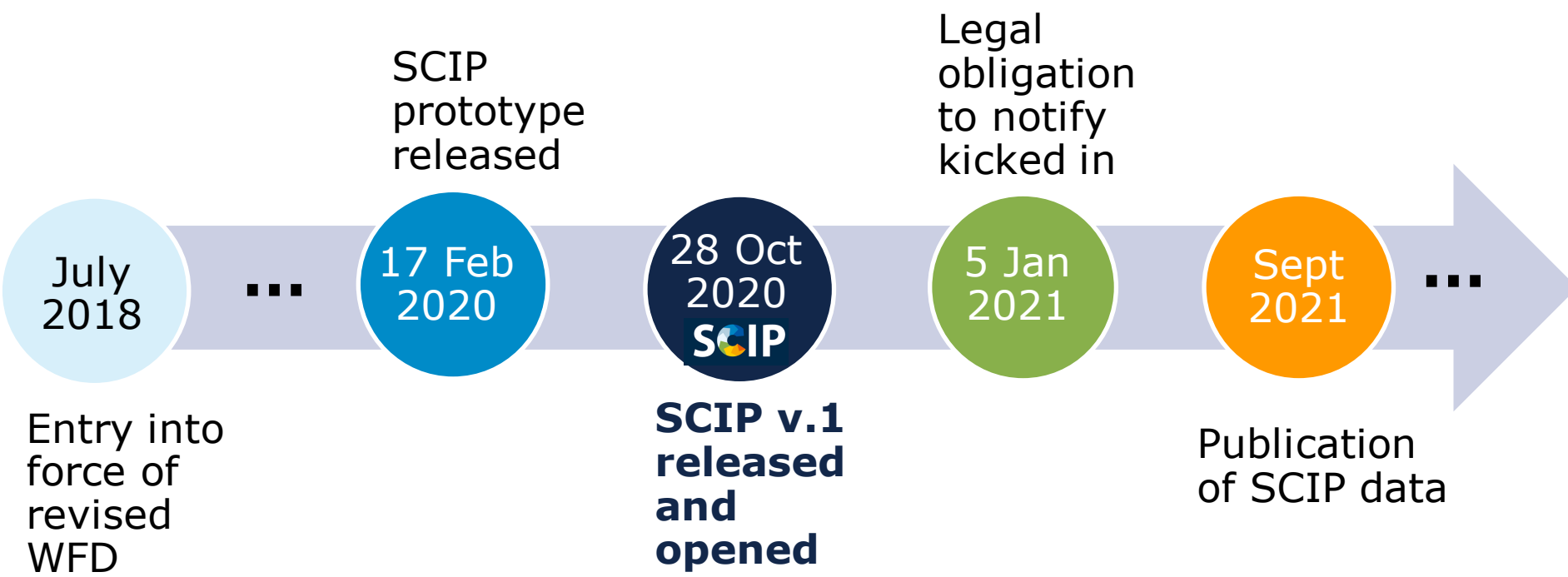
# The SCIP journey

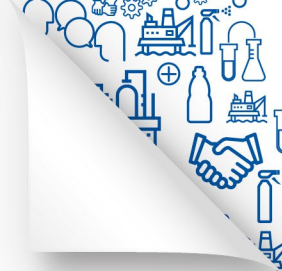


**SCIP**  
Database



# Main milestones



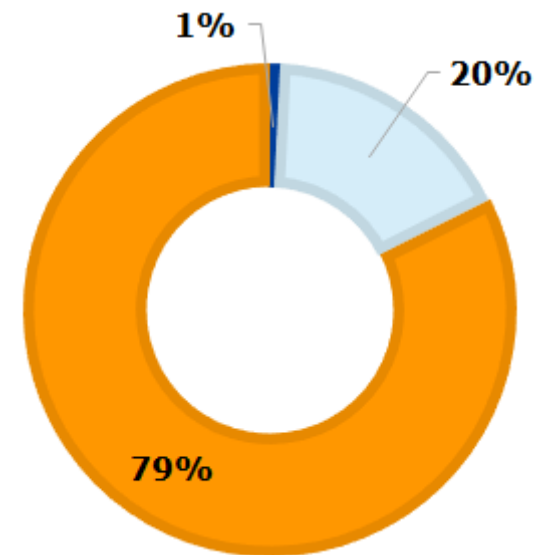
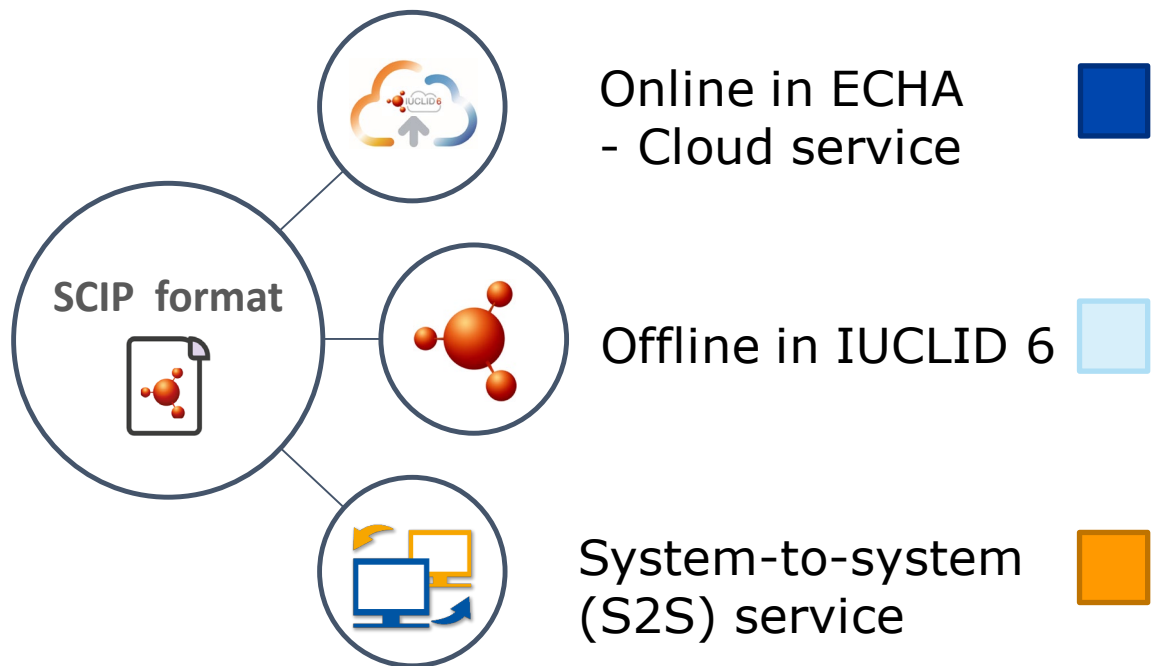


# Implementation steps

- 1 Work on database started** in cooperation with stakeholders
- 2 Solutions to simplify SCIP submissions**
  - Simplified SCIP notifications (SSNs), “referencing” in a SCIP notification, optimising System-to-System (S2S), bulk submission of SSNs for multiple companies
- 3 Publication of SCIP data**
- 4 Use and maintenance:** monitoring, optimising and ensuring that IT systems work as intended
  - **Use of data** by target audience
  - Companies/dutyholders continue to submit



# How to submit?

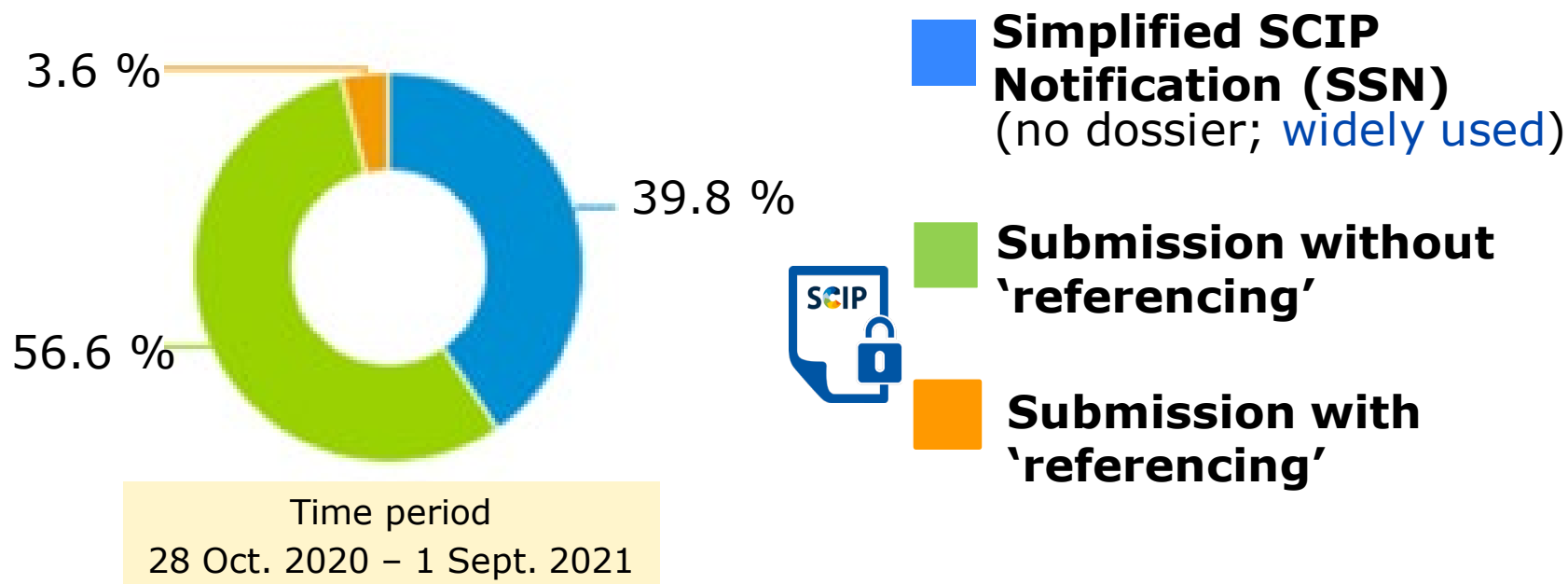


Time period  
28 Oct. 2020 – 1 Sept. 2021

S2S service allows companies to submit SCIP notifications using their own IT inventory/tracking systems.

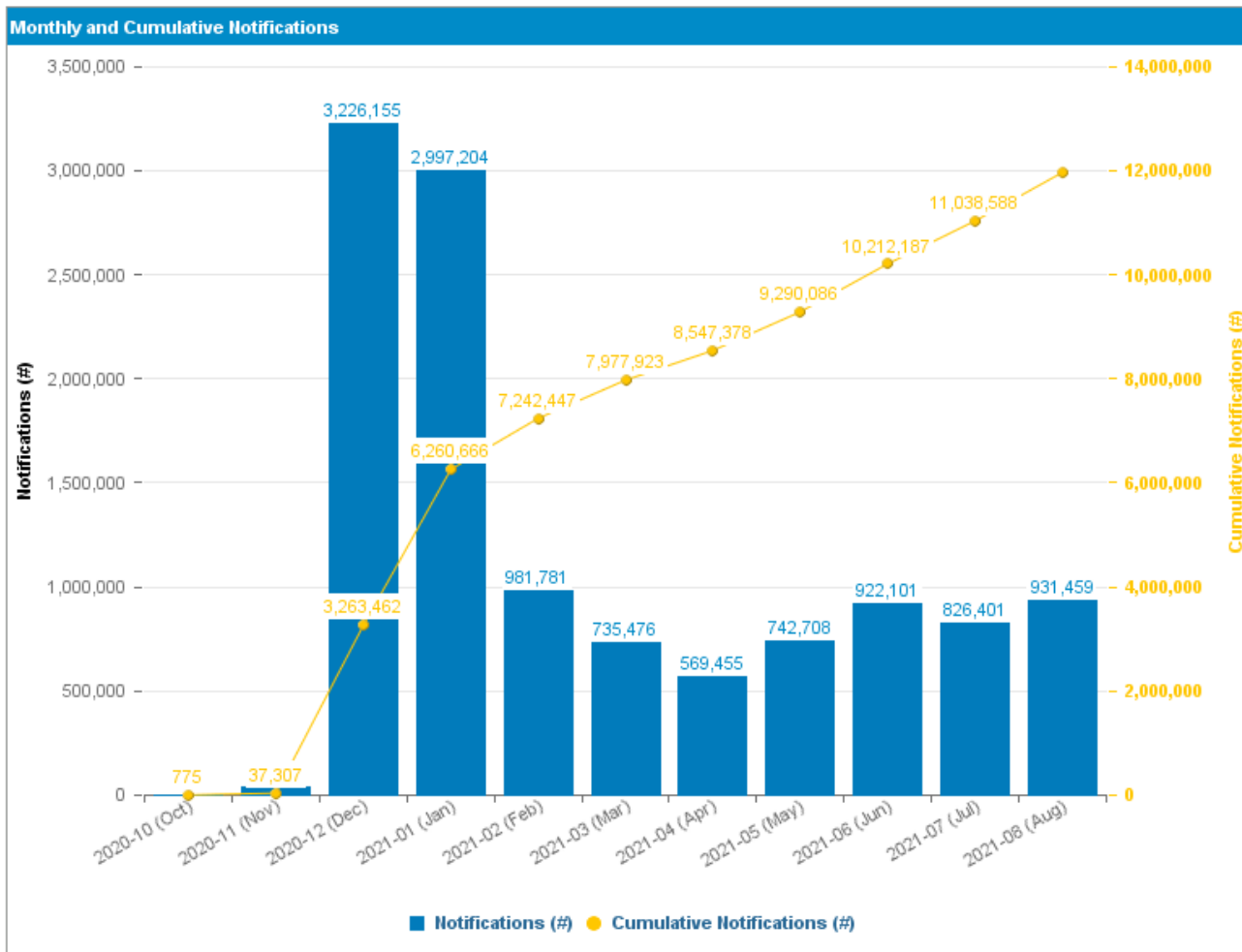


# Simplified ways to submit data



Distributors and assemblers can use SSN and 'referencing' to refer to data already submitted by other companies when submitting their notifications

# Companies are delivering



Time period 28 Oct. 2020 – 1 Sept. 2021



Number of notifications received:  
**>11.9 million**



Number of companies:  
**~5 700**



# Companies' challenges

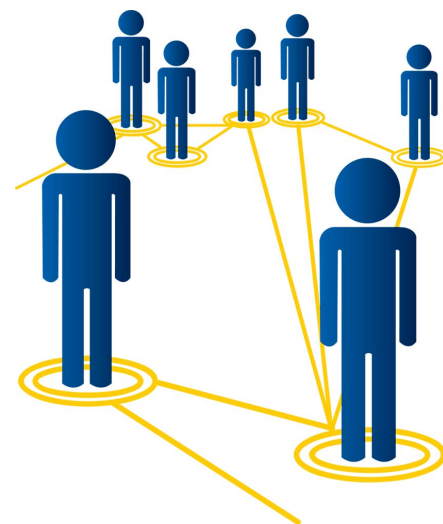
- The SCIP notification obligation was introduced in the legal text with relatively short notice
  - Companies were expected to be better prepared due to REACH Article 33 obligation to communicate down the supply chain
- Companies had a short period of time to prepare for new obligations
  - Difficulties in gathering the necessary information in long and complex supply chains
  - Related challenges aligning company IT tracking systems
- Practical difficulties in applying the “once an article, always an article” principle
- Discussions/debates on the necessary information requirements and format

# We succeeded together

in **building the SCIP database** (on time)

- Up and running with all essential components
- The first EU public database on SVHCs in products

Thank you to all involved stakeholders





# How SCIP improves transparency for consumers and waste operators



# Making information available



- ECHA **publishes** the **information as received** on its website
- Companies are responsible for submitting data (in line with information requirements) that is useful and transparent for consumers and waste operators

# Searching for articles and products in SCIP



## Consumers

- Article name
- Brand/model
- Alphanumeric identifier  
(e.g. barcode)



# Searching for a “watch” in SCIP



Label sticker



## SEARCH



### ▼ Article Identity

Identifier

Watch

Identifier

BRAND

Identifier

MODEL

Identifier

0123456789100

Identifier

Any article identifier

# Factsheet summary (consumers)

## WATCH

**Model:** MODEL

**Brand:** BRAND

**Reference Number:** Ref. No.

## OVERVIEW

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

## CANDIDATE LIST SUBSTANCES

Substance name(s)	Reason for inclusion
Lead titanium zirconium oxide	Toxic for reproduction (Article 57c)



## Consumers



- Find the product

- Instructions to use the article safely and to dispose it properly

- Know which SVHCs are present and their hazardous properties

# Searching for articles and products



## Waste operators

- Article name
- Brand/model
- Alphanumeric identifier (e.g. barcode)
- Article category
- Components of a product
- Material & Mixture categories
- Substance of very high concern



Some (e.g. preparing for re-use)

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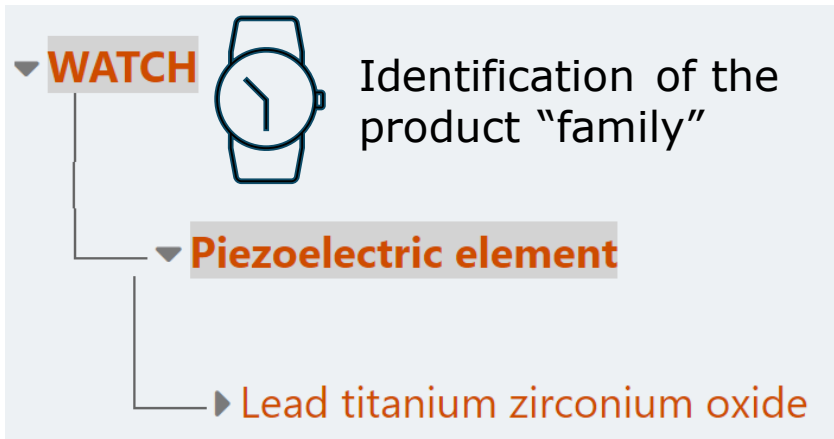
(family of the product)



(material-based stream)



# Additional information to waste operators



Identification of the product "family"

**Name, brand, model, article category, characteristics, safe use instructions**

Identification of the component

**Component name, article category, characteristics, safe use instructions**

## Candidate List substance info

### Candidate List substance

#### Substance name

[Lead titanium zirconium oxide](#)

#### Concentration range

≥ 0.3% w/w and < 1.0% w/w

#### Material categories

1. ceramic > oxide ceramic > lead zirconium titanate (pzt) ceramic

Identification of the material-based stream for the component

# Waste operators have different needs



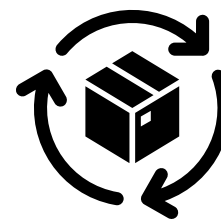
## Waste stage operations:



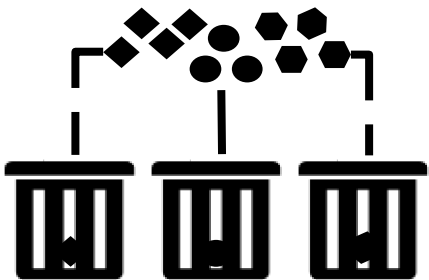
Collection



Disassembly



Preparing for re-use



Sorting



Recycling



Incineration



Landfill



# Future outlook



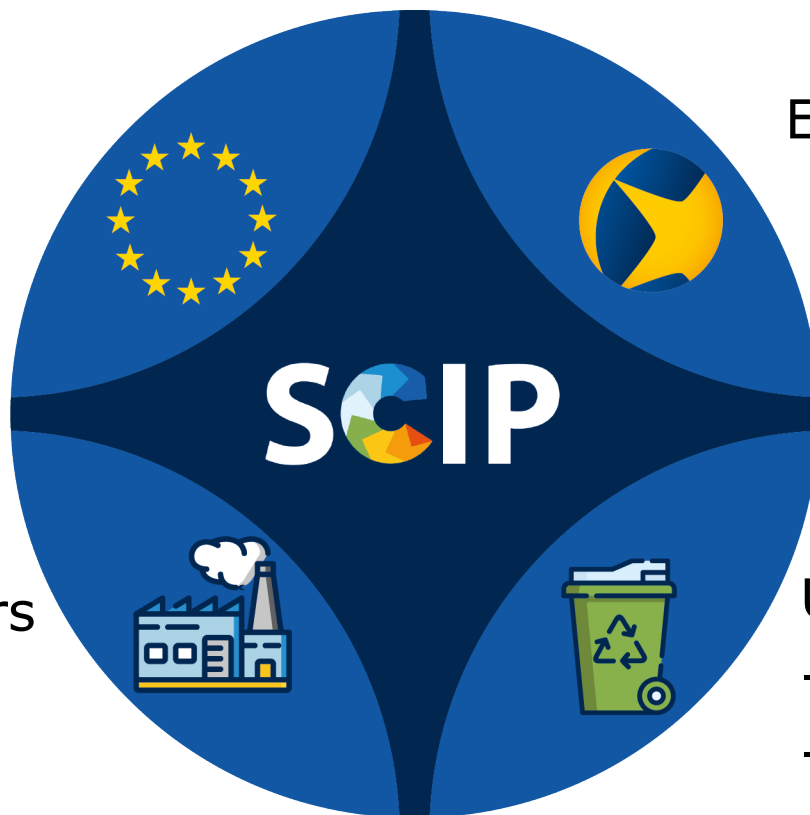
# Joint efforts still needed in the future

EU  
Commission  
& Member  
States

ECHA

Dutyholders

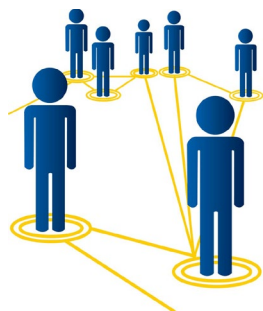
Users of data:  
- Waste operators  
- Consumers



# SCIP dutyholders

Check your data in the SCIP database

- ✓ Identification of the article
- ✓ Clear and understandable information
  - Balanced 'hierarchy' to provide location of SVHCs
- ✓ No commercially sensitive information included
- ✓ Review your update strategy



Collaborate and improve communication within your supply chain

Check our tools and support material. Make sure you use the best tools and strategy for **your company** and supply chain, and for **increasing transparency** in SCIP





## Next at ECHA

### Tools to prepare and submit data:

- ✓ Stabilisation: only small developments
- ✓ Support through helpdesk and manuals
- ✓ Gathering feedback through IT user group

### Making data available:

- ✓ Collecting needs and feedback from waste operators
- ✓ Minor improvements to the dissemination portal

Using data to feed into ECHA's Integrated Regulatory Strategy to manage risks of articles

Supporting European Commission and national authorities



# Towards circular economy



SCIP contributes to:

- making available information about products containing SVHCs when they enter the waste stage
- safer use and disposal of articles
- replacing SVHCs with safer alternatives

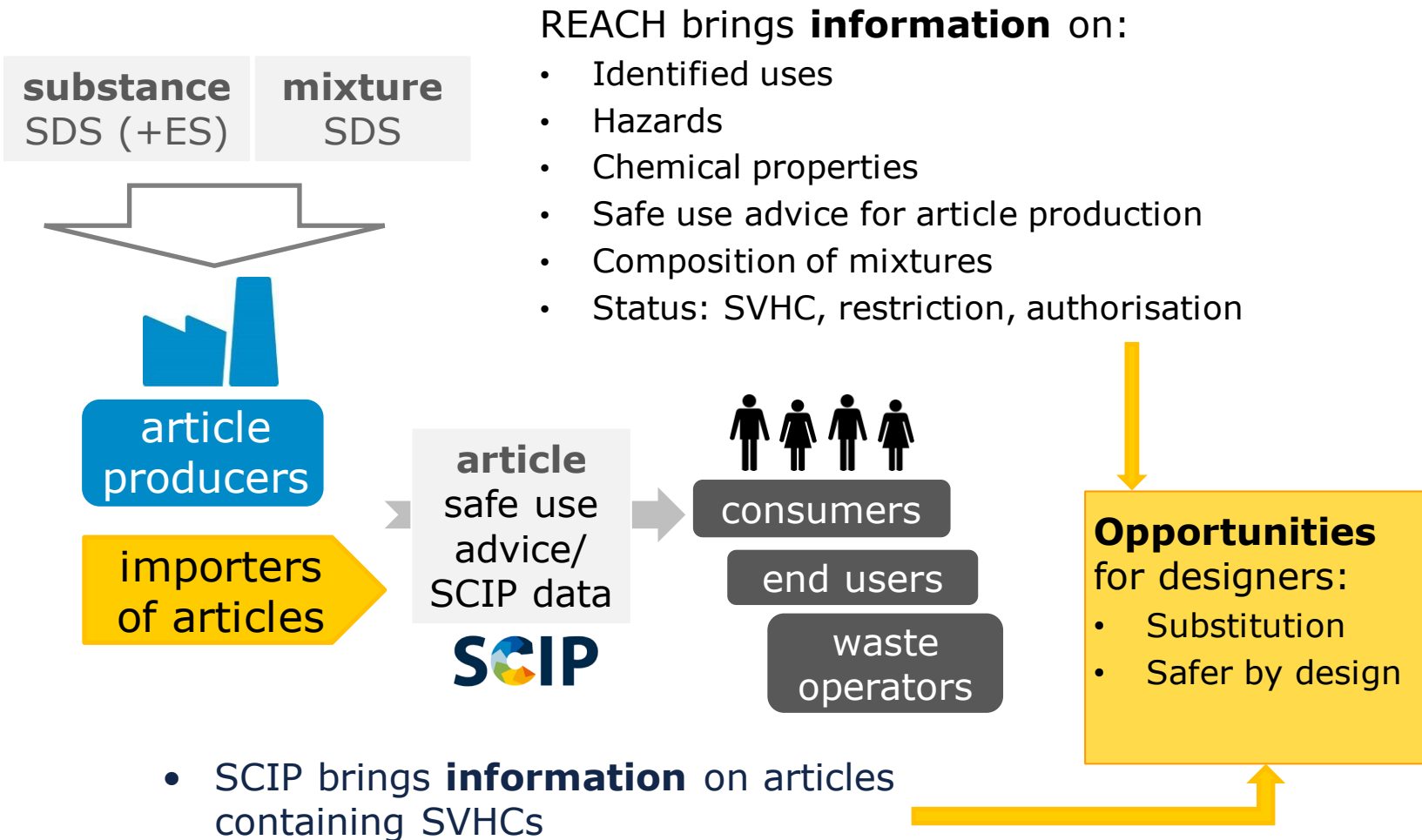
Future focus on tracking hazardous chemicals under the Commission's Chemical Strategy for Sustainability?

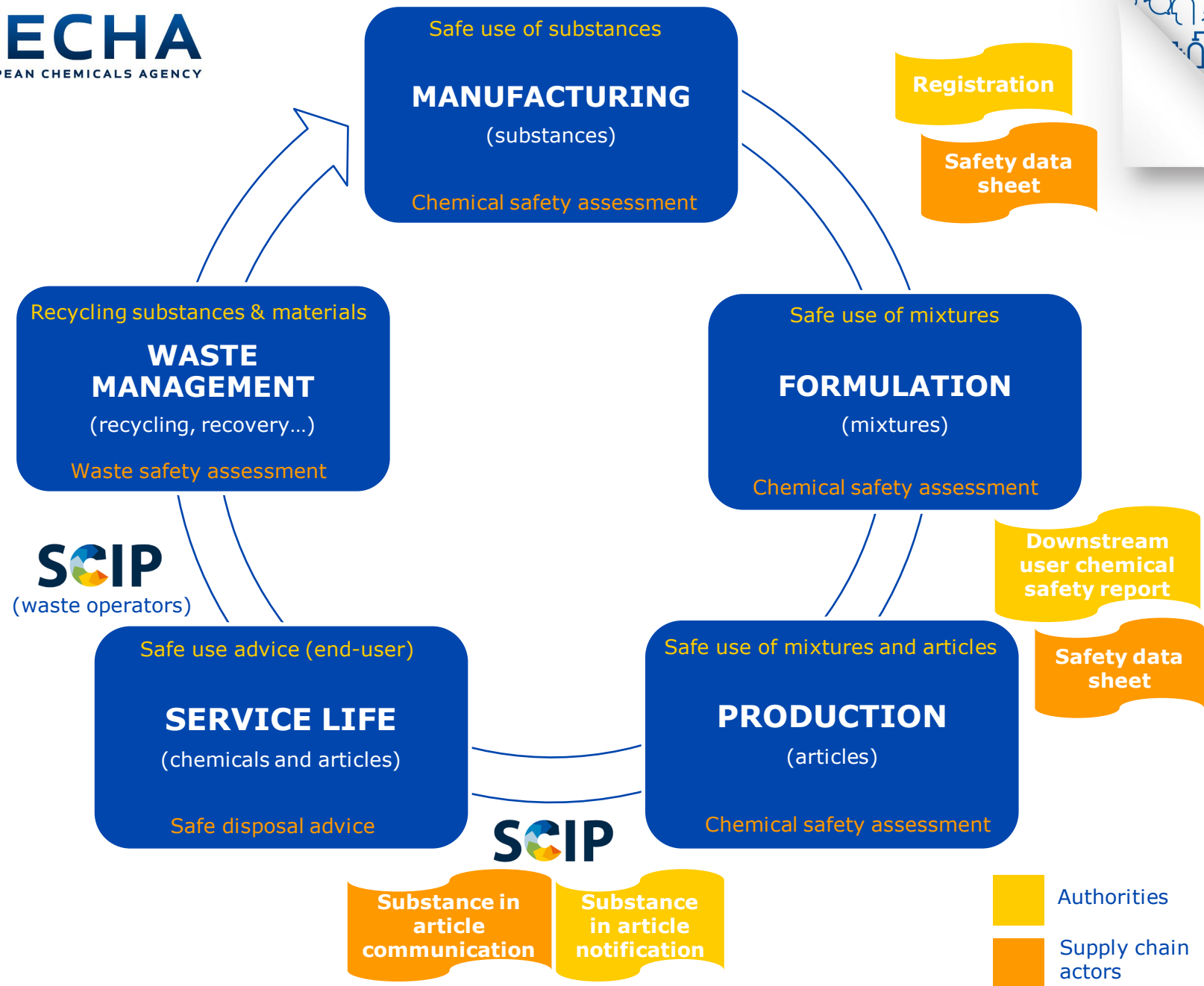
No SVHCs:

- Safer articles and products
- Cleaner material cycles & improved recycled materials
- No SCIP notification duty



# REACH and SCIP: safer articles





# Conclusions

- ✓ Major milestone towards better tracking of SVHCs in supply chain
- ✓ Great effort from companies although further work needed
- ✓ Make use of the database but understand its limitations and further needs







**Thank you!**  
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