

# Introduction to Chesar



chesar

24 May 2016



# Outline

- What is Chesar?
- Assessment workflow in Chesar
- (very) Short demo
- More information

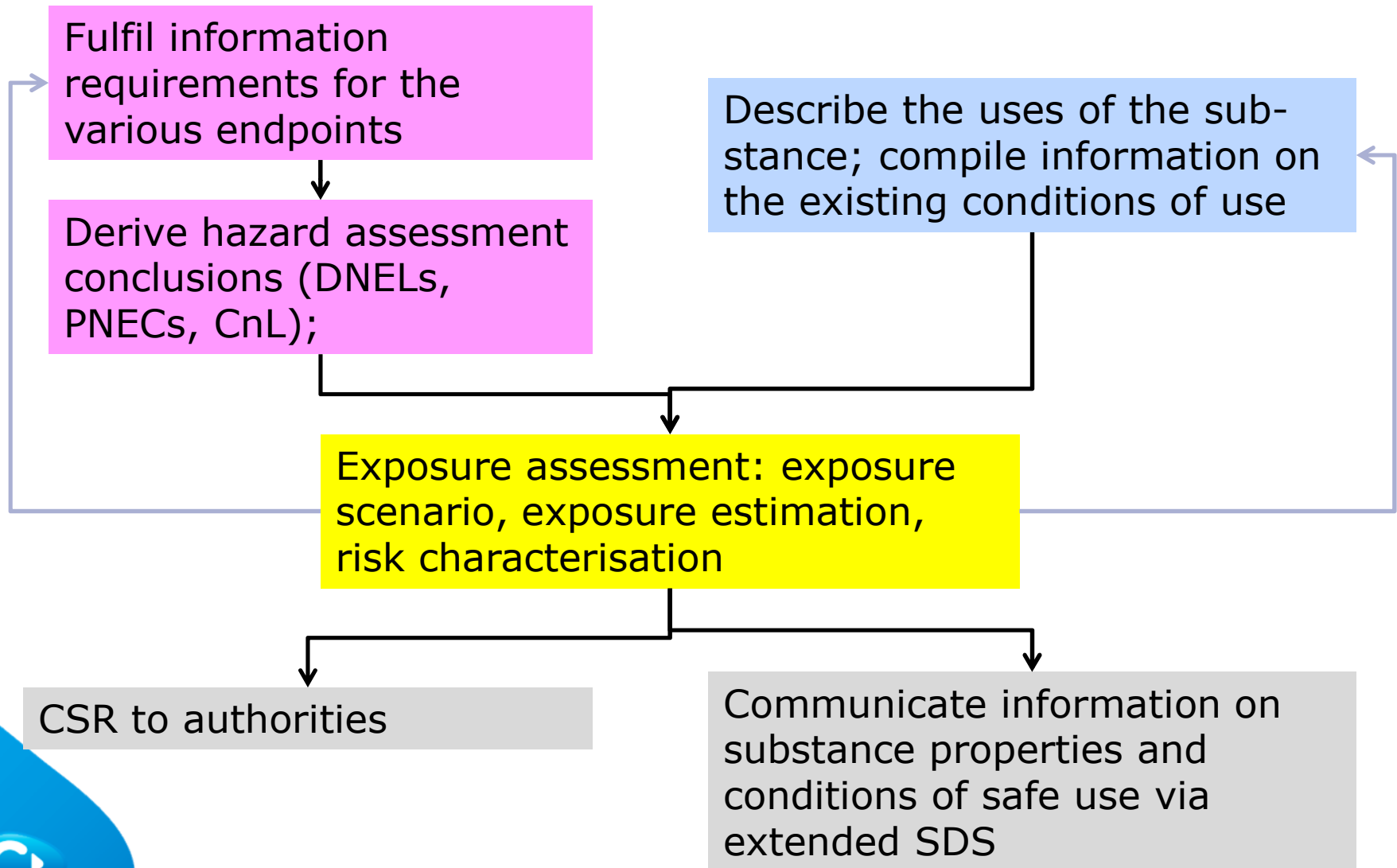


# What is Chesar?

- Chesar (CHEmical Safety Assessment and Reporting tool) is a web application developed by ECHA to support registrants
  - carrying out their Chemical safety assessment and generating their Chemical Safety Report (CSR) and
  - generating their Exposure Scenario for communication (annex to extended Safety Data Sheet)
- It is released as a **Desktop** and **Server** version
- It is free-of-charge and easy to install

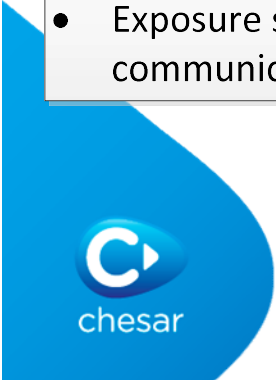
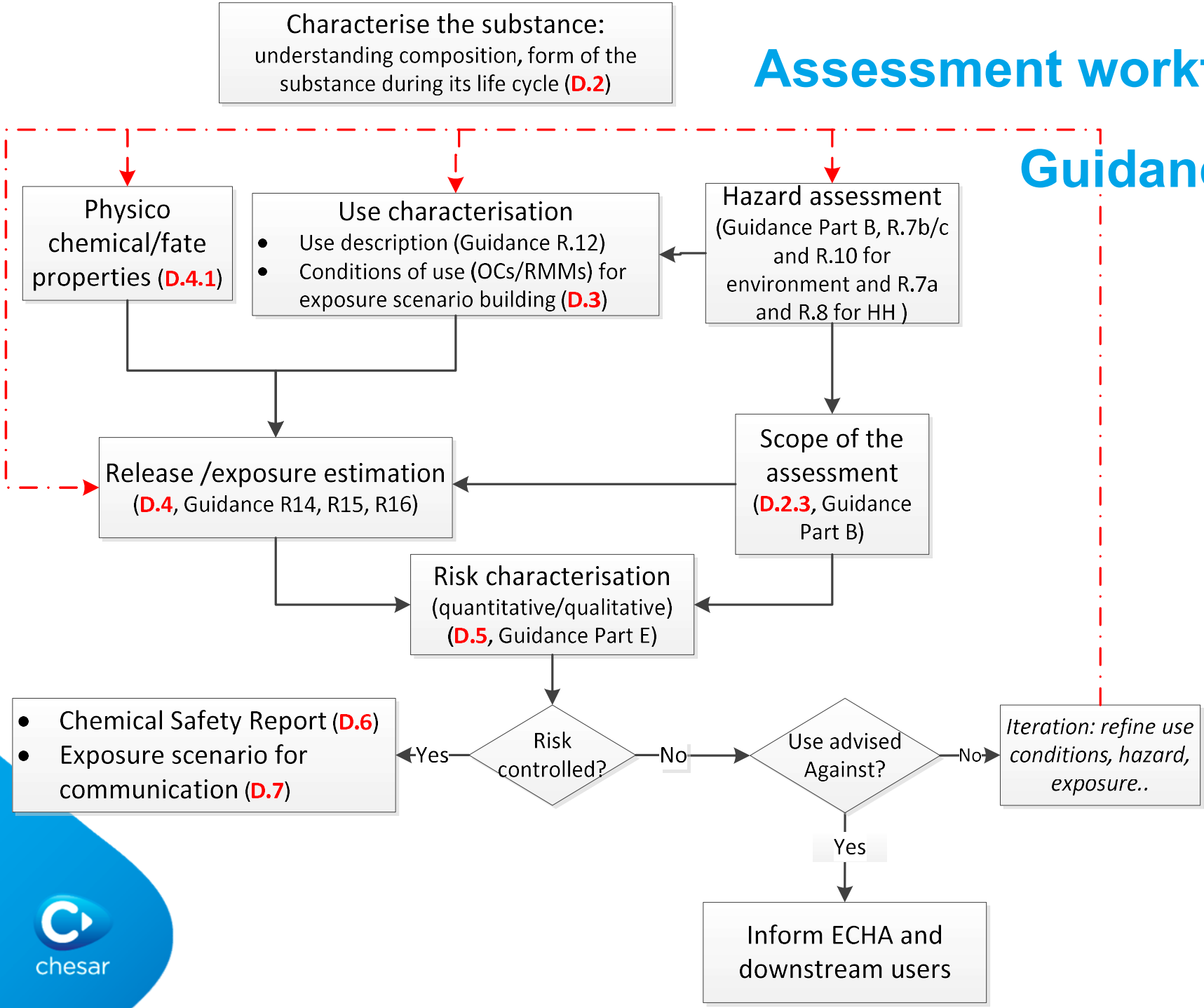


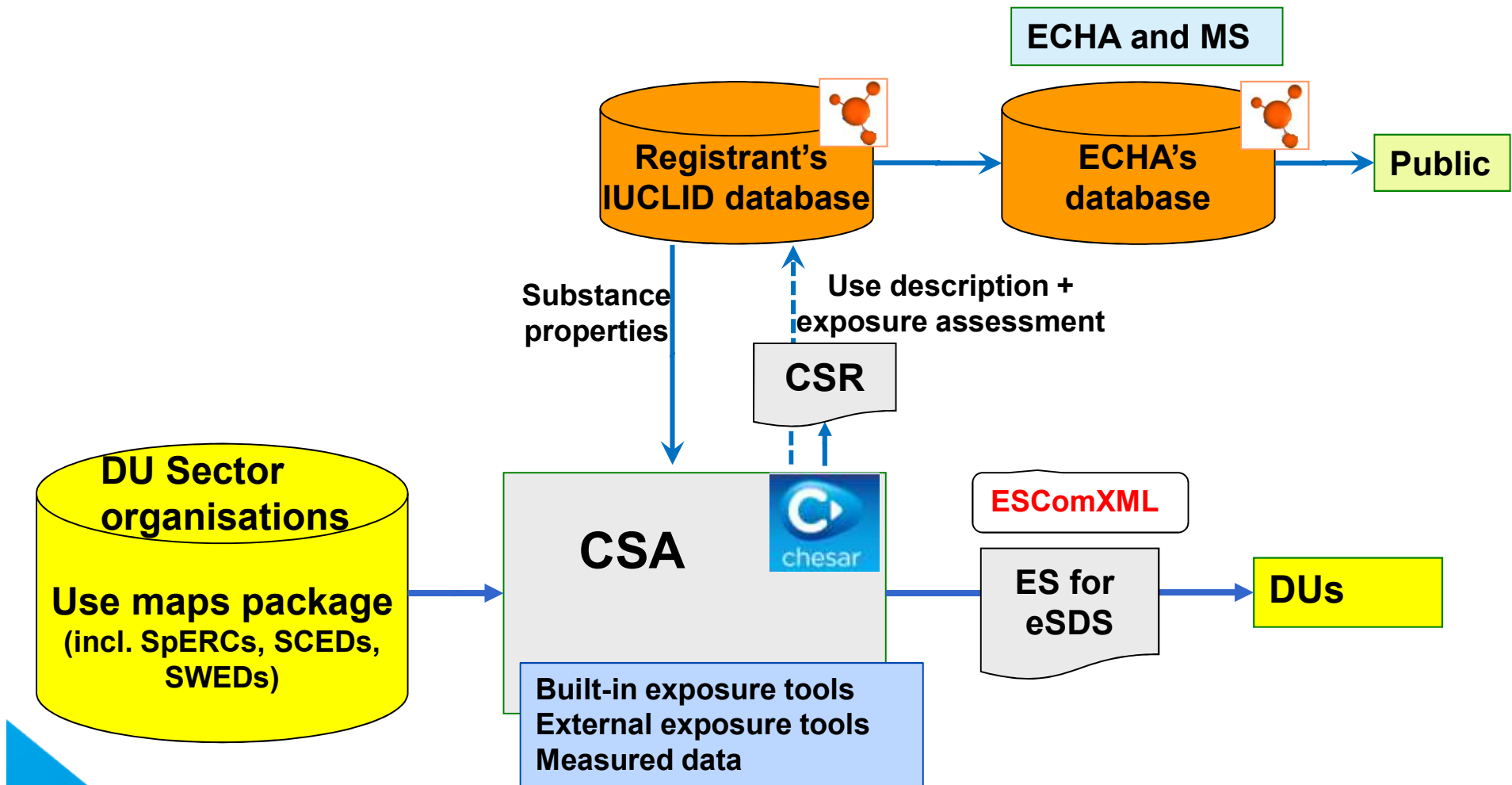
# Assessment workflow under REACH



# Assessment workflow

## Guidance D





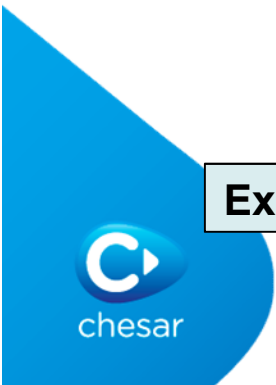
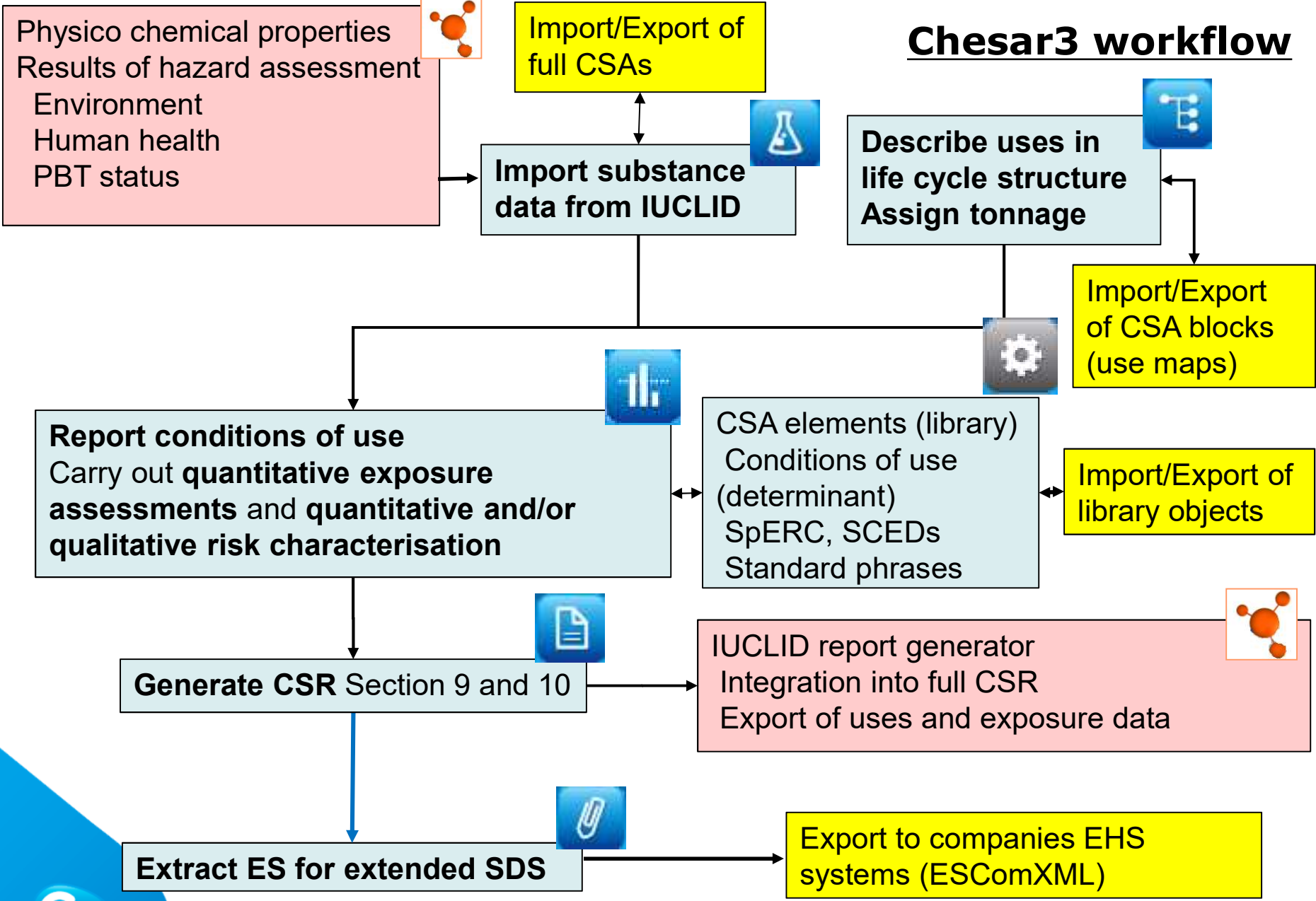
# Organisation of Chesar: the Chesar “Boxes”



1. Substances
2. Uses
3. Exposure assessment
4. CSR
5. ES for extended SDS
6. Library
7. Users



# Chesar3 workflow





# Short demo



# Chesar aims at supporting

- **Consistency**
  - Synchronisation of information between IUCLID (substance properties, uses) and Chesar (CSA)
  - Information for the authorities (CSR) and for the supply chain (ES for communication) consistently developed
- **Standardisation**
  - Approach based on workflow
  - Use of (cross) sector-developed elements as input
    - Use maps including: use description, condition of uses (SPERCs, SCEDS, SWEDs)
    - Standard phrases: ESCom catalogue and ESComXML
  - CSR format
  - ES for communication format



# Chesar aims at supporting

- **Efficient CSA**
  - Reuse of information across substances
  - Some integrated exposure estimation tools (ECETOC TRA/EUSES)
  - Actions at
    - substance level (valid for all uses) or
    - at exposure scenario level (use specific)
  - Automated generation of documents (CSR, ES for extended SDS) + IT exchange of data (XML format)
  - Updates facilitated, as all data is in one database in case of:
    - New information on substance -> recalculation of exposure for plugged in exposure estimation tools
    - New ( or change of) use -> integrated with existing assessment



# More information

- Chesar 3.0 will be released 21 June
- IT will be made available earlier to participants to webinar of 21 June: <http://echa.europa.eu/support/training-material/webinars>
- Training to trainers will be organised in Q4
- <https://chesar.echa.europa.eu/> will be updated at release time. Subscribe to be kept informed.



## CHEmical Safety Assessment and Reporting tool

### What is Chesar?

Chesar is an application developed by the European Chemicals Agency (ECHA) to help companies carry out their chemical safety assessments (CSAs) and prepare their chemical safety reports (CSRs) and exposure scenarios (ES) for communication in the supply chain.

Chesar enables registrants to carry out their safety assessments in a structured, harmonised and efficient way. This includes the importing of substance-related data directly from IUCLID, describing the uses of the substance, identifying risk management measures if needed, carrying out exposure estimates and demonstrating control of risks. Based on this, Chesar automatically generates the CSR and exposure scenarios for communication in an electronic exchange format and as a text document. It also facilitates the re-use (or update) of assessment elements generated in a single Chesar instance or imported from external sources.

[Chesar in a nutshell](#)



[Download Chesar tool](#)



[Subscribe](#)

## External Links



[REACH Regulation](#)



[IUCLID](#)



[Chemical Safety Report](#)



[Practical examples of exposure scenarios](#)

**Thank you for your attention**

