

MAKING CHESAR 3.6 BETTER SUPPORT WORKERS' EXPOSURE ASSESSMENT



Background

The built-in conditions of use (CoU) in Chesar mainly support assessment with ECETOC TRA. However, more and more assessors realise that when assessing realistic CoU they need to switch to a higher Tier tool (e.g. ART). Also, for a number of substance and application types other tools than ECETOC TRA may be the better choice (due to ECETOC TRA's applicability domain).

What is the problem?

Some of the exposure determinants for the other tools or some of the input values are currently not available by default in Chesar. Each assessor needs to create them individually, and then generate exposure scenarios for communication based on that. This leads to additional problems:

- Depending on the tool, similar conditions of use are expressed in a different granularity, banding systems and different words (see Example). This may lead to confusion for the recipients of the corresponding safe use advice.

Example: Five tools– five different ways of defining and communicating type of “General Ventilation”

General ventilation: 3 air changes per hour (ACH)
would for example translate to:

	= Good general ventilation (natural or mechanical)
	= Mechanical ventilation of at least 3 ACH
	= General ventilation (open windows and doors)
	= 3 ACH
	= General ventilation

General ventilation: 10 air changes per hour (ACH)
would for example translate to:

	= Enhanced general ventilation
	= Enhanced mechanical ventilation of at least 10 ACH
	= General ventilation (mechanical)
	= 10 ACH
	= General ventilation

Solution: new Chesar 3.6 with harmonised conditions of use available in spring 2020

ECHA has worked with tools owners under the ENES umbrella to agree on a set of harmonised CoU that can be used to support assessment with any of the tools.

Updated CoU

The input parameters for the **current default built-in CoU** will be updated, so they can be used as input in the various tools (incl. associated phrases for communication). **Updated CoU circled in red in the Example.**

New CoU

New CoU (relevant for one or several tools) will also be available. One example of a **new CoU (Containment) is circled in green in the Example**

Chesar will guide the assessor to add the CoU relevant for the tool used for the assessment, when the data set from external tool is added.

Example: Illustration of updated and new CoU available in the new Chesar

What will change for the Chesar user?

Assessment

Chesar will perform TRA assessment as today (automatically). However the assessor needs to become familiar with the updated CoU (see Example).

The assessment with the other tools will be performed as today externally and then reported in Chesar. However the relevant CoU will already be available in Chesar.

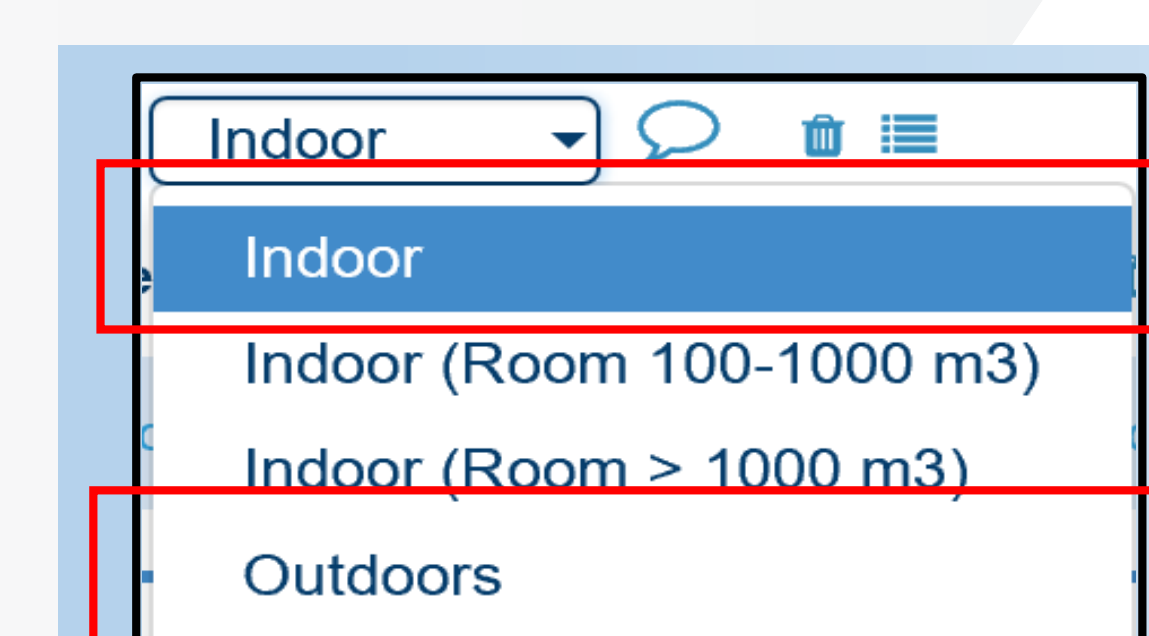
Use maps templates will be aligned.

Communication

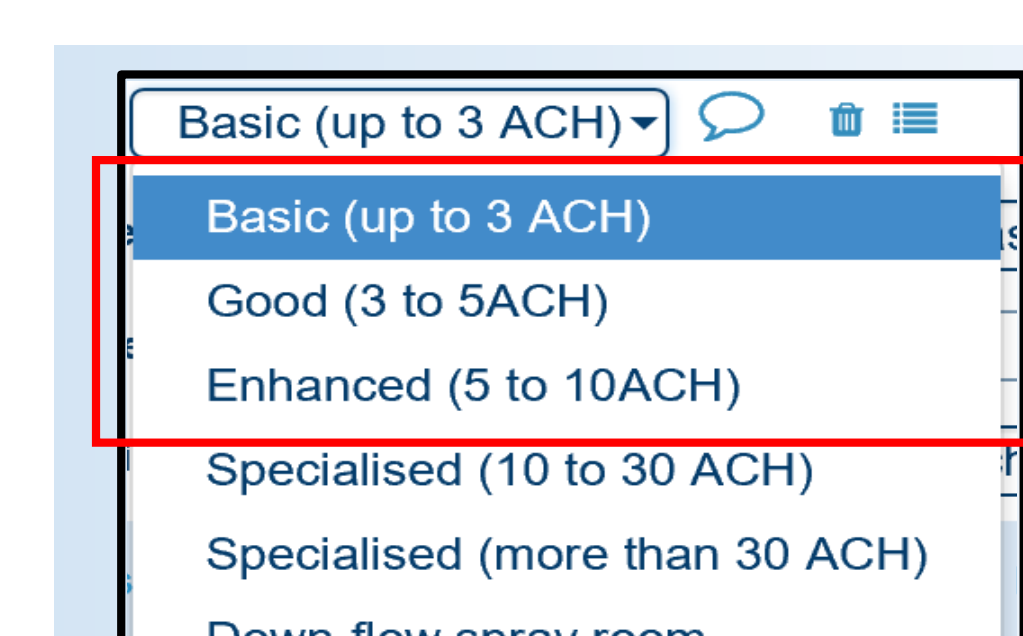
The exposure scenario for communication will use phrases harmonised across all tools (good for ES recipients).

Example of conditions of use updated in the new Chesar

Updated Place of use



Updated General ventilation (Room ventilation)



The new values do not make a difference for an assessment with ECETOC TRA. Chesar will highlight the drop-down values relevant for an ECETOC TRA assessment (see red rectangle), in order to keep it simple for the TRA user.