

EUSES 2.2.0 Release Notes

Date: 30/09/2019

1. Introduction

EUSES was updated in 2019 particularly with regard to the environmental exposure and risk assessment for biocides.

This document summarises the major changes and new features in the updated EUSES program, version "2.2.0", compared to the previous version EUSES 2.1.2 (2012), on a high level. For more details on the update, consult the document "How to use EUSES 2.2.0".

2. Model

The model changes in EUSES 2.2.0 as compared to previous 2.1.2 are primarily:

- Emission scenarios covering product types for biocides developed after 2012 have been implemented and the previously implemented emission scenarios have been re-structured for harmonisation reasons. EUSES 2.2.0 contains new or updated release scenarios for Product Types (PT) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 18, 19 and 22.
- The processing of direct releases to environmental compartments was included in the fate and distribution and risk characterisation module. Also, a full risk assessment can now be performed with EUSES for biocide uses with direct releases to soil and surface water.
- The new version of SimpleTreat (v4.0) was included in EUSES 2.2.0 in addition to SimpleTreat 3.1.

3. User interface

The layout of the user interface as such was not changed. The major changes within the existing user interface concern:

- the layout of the biocides release module, where the tabs were renamed and reorganised, for consistency reasons; and
- the layout of the 'Local STP input and configuration' window, as a consequence of the implementation of SimpleTreat v4.0.

4. Other

For biocides PT 3 and 18 not all the scenarios were implemented.