

Excel spreadsheets to help fill in the ECODAT database

1 Aim of the spreadsheets

One Excel sheet per finalised sector has been developed to help national experts fill in the ECODAT database. As ECODAT for VOC sectors requires the absolute values of activities, the datasheets help to calculate these values from percentage which are usually easier to manipulate.

The tables can be very useful to determine the shares of use of the different combinations of measures to determine VOC emissions close to those evaluated in the national inventories.

Tables presented in the datasheets correspond to those available in the background documents in the chapter “Data to be provided by national experts for the completion of the database for their own country”. The use of background documents is useful for the comprehension.

Inputs data required are the activity levels for 2000 to 2020, the shares of activity according to the reference installation considered and the shares of the different combinations. These tables can be used to check if VOC emissions obtained with the inputs listed above are coherent with the VOC emissions declared in the national inventories.

2 How to use the Excel sheets

Blue cells have to be filled in by the user with input data.

Yellow cells are results of calculation : calculations are proceeded automatically as long as inputs have been correctly entered.

The following tables are displayed in the datasheets :

Table 1 : Activity levels (unit of activity) for 2000 to 2020

These data have to be entered by the user.

Table 2 : Shares of activity (%) according to reference installations

These parameters are defined as inputs and are entered by the user.

Table 3 : Shares of activity in absolute value (unit of activity) according to reference installations

This table presents results of calculation : Activity level \times Shares of activity (%) for a given year.

The results are those required for ECODAT.

Table 4 : Application rate and applicability for each combination of reduction measures (%)

These data are inputs which have to be defined by the user.

Table 5 : Application rate and applicability for each combination of reduction measures in absolute value (unit of activity)

This table presents results of calculation : Shares of activity (absolute value) \times Application rate (%).

The results are those required for ECODAT.

Table 6 : VOC emissions for each combination of reduction measures in absolute value (tonnes of VOC)

This table is a result of calculation : Application rate (unit of activity) \times Emission factors (t of VOC / unit of activity).

This gives the VOC emissions for the sector considered. This result should be coherent with the emissions declared in national inventories.