

Determining emission factors of flame retardant chemicals from products and materials ESR3

At VITO, this project will focus on developing methodology to determine emission factors of FRs from a range of potential source items (e.g. PCs, consumer electronics, fabrics, building materials, etc.). Experiments will be conducted under a range of environmentally relevant conditions (e.g. air exchange rate, relative humidity, room temperature) selected to reflect plausible indoor conditions in different microenvironments (homes, offices) and different climates. Air and dust samples generated during these experiments will be analysed for FR content. Additionally, feasibility of the methodology downscaling will be assessed using a micro emission test chamber.