

### **Developing mathematical models for studying emissions and fate of halogenated flame retardants indoors ESR4**

At IVL, this project will use mathematical modelling techniques to study transport mechanisms and fate of halogenated FRs in the indoor environment. A number of relevant buildings will be selected, typical characteristics of these described and mathematical fate models developed to study indoor partitioning and fate processes, under different conditions. Models will be programmed in a suitable programming language, e.g. Visual Basic or Matlab. There will be substantial collaboration with ESR5 at SU.