





## Software Architecture

- 1. Selection of the type of analysis (i.e. forward or backward mode)
- 2. Definition of the conceptual model of the site
- 3. Selection of the reference scenario (Residential or Industrial)
- 4. Selection the receptors (i.e. Adult, Child or combined exposure)
- 5. Identification of the contaminants of concerns
- 6. Definition of the source concentrations (for forward mode calculation)
- 7. Definition of the site-specific parameters (e.g. source geometry)
- 8. Definition of **exposure parameters** (e.g. exposure frequency)
- 9. Calculation of fate and transport factors (F&T)
- 10. Calculation of the concentrations at the point of exposure (Cpoe)
- 11. Calculation of the exposure factors (EM)
- 12. Calculation of the Risks (Carcinogenic, not carcinogenic, GW protection)
- 13. Calculation of the site-specific clean-up levels (CSR)

A new software (Risk-net) for the application of risk assessment to contaminated sites







































