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Project Development
Comparison of Preliminary Risk Assessment methods used in Europe and overseas
Identification of indicators and parameters used by each method. Development of a database. Parameters 'harmonization'
Selection of main indicators and parameters needed for PRA.MS risk evaluation on the basis of:
'harmonized parameters'
contaminated sites and GIS data availability at EU level
Formulation of the methopology
Application of the methodology to selected sites in Europe and development of maps of potential problem
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Parameters adopted in the PRA.MS Model			
Toxicity of contaminants (Risk Phrases)	Disposal type	SOURCE	
Waste mass	Engineered Containment for GW (Containment for GW)		
Waste volume	Engineered containment measures for SW (Containment for SW)		
Source area (Contaminated soil area)	Engineered containment measures for Air (Containment for Air)		
Source volume (Contaminated soil volume)	Engineered containment measures for soil (Containment for DC)		
Site area			
Known release to GW	Slope	PATHWAY	
Known release in Air	Flooding return		
Known release to SW	Surface water flow rate		
Lithology of the unsaturated zone	Surface water body type		
Thickness of the lowest hydraulic conductivity layer (Thickness of the impermeable layer)	of Henry's law constant		
Presence of any impermeable layer	Vapour pressure		
Aquifer depth from surface	Mean annual temperature		
Water solubility	Mean annual wind velocity		
Mean annual precipitation			
Distance of nearest well for GW from the source	Groundwater use	RECEPTO	
Minimum distance from surface body (Minimum distance from surface water body)	Surface water use		
Distance to the nearest residential area	Land use at site		

























