



SOILPROM

Developing sustainable solutions for soil pollution

GOAL OF SOILPROM

SOILPROM is tackling soil pollution across Europe, by **improving models** that predict the **spread of harmful pollutants through soil, air, water, and plants** while promoting **sustainable soil management** to support ecosystem health.

Innovative solutions for healthier soils

Upgraded knowledge and cutting-edge digital tools for modelling soil pollution: **metals, PFAS, nutrients, microplastics, and pesticides.**

Empowered by data

Integration of **European databases** with new **standardised datasets** in line with DestinE and EUSO requirements.

Promoting sustainable practices

Quantify ecosystem services in the context of **local policies and scenarios.**

Recommendations for policy and sustainable soil management practice, for environmental and human well-being.

Enhancing soil modelling

Open-access Modelling Platform for advanced model access and seamless integration. **Decision Support System** empowering stakeholders with **user-friendly tools** for sustainable soil solutions.

9 USE CASES

LIMBURG

(THE NETHERLANDS)

Water erosion and run-off transport of dissolved and particulate phase **pesticides**

WAGENINGEN

(THE NETHERLANDS)

Colloidal transport of **microplastics** in the soil

WILLEBROEK

(BELGIUM)

Atmospheric PFAS input to soil

CARTAGENA - LA UNIÓN MINING

(SPAIN)

Wind erosion, atmospheric transport and **deposition of dust** polluted by **metals**; Hydrological transportation of **metals** by **water erosion, runoff, and infiltration into soils**

VALTHERMOND 1

(THE NETHERLANDS)

Wind erosion and **atmospheric** transport, deposition of **dust** and **microplastics**

VALTHERMOND 2

(THE NETHERLANDS)

Wind erosion and **atmospheric** transport, deposition of **dust** and particulate phase of **pesticides**

JÜLICH ZWISCHENSCHOLLE

(GERMANY)

Flow of **water** and **transport of pesticides** in **soils** and **groundwater**

NES (NORWAY)

Sorption and desorption of **phosphorus** in the **soil** and transport of phosphorus to **water**

PUCK BAY (POLAND)

Transport of **nutrients** in **soil, groundwater, and surface water** with **discharge to the sea**

TOGETHER, LET'S
COMBAT SOIL
POLLUTION!

 SOILPROM

 soilprom.eu

