

## Environment

Issues of environmental protection are gaining increasing importance. Every aspect of a material's usage, from extraction to production and disposal is now subject to environmental considerations. CERIC Partner Facilities also collaborate on systems and processes for analysis, monitoring and control of contaminant particles, nanoparticles and trace elements.

- Composition, structures and characterisation in environmental studies
- Removal solutions





## **Composition, structures and characterisation in environmental studies**

CERIC Partner Facilities can detect, down to micro and nano resolution, trace elements and map molecular groups and structures in environmental studies, such as in plastic and microplastic pollution studies. CERIC can analyse and collect high-quality data from different types of materials for the analysis of soil and fertilizers and define the distribution of the absorption of light metals. CERIC offers support in the analysis of thin and multilayer films for process monitoring, composition and contaminant control.



## **Removal solutions**

CERIC has the capabilities, through its techniques, to evaluate the effectiveness of pollutant removal solutions, such as to characterize individual aerosol particles collected on filters.

