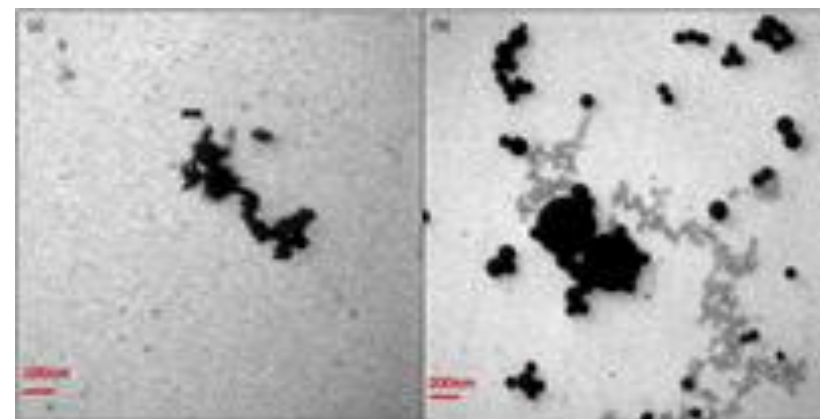


TECNANO- Innovative TECnology for *in situ* quantification of NANO and Micro- plastics

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The overall objective of the TECNANO project is to provide a new tool, based on innovative techniques recently successfully used in the area of micro and nano materials (the "Fluorimetric method", the "Plasmoelectric effect" and the "Flow cytometry") for *in situ* quantification of Nano and MicroPlastics.

Our challenge, is to create a simple and innovative device reasonably priced, reliable, robust and easy to manufacture that could be used in routine analysis in global harmonized monitoring programs. We propose to develop this device based on innovative techniques that have recently been used in other fields of nano materials by reserachers of the workteam



Expected impact:

The technology used will generate a positive impact on the environment. Its use will help water agencies to know the current reality about the presence of M/NPlastics in the environment.

Amb el suport de la Secretaria d'Universitats i Recerca del Departament d'Empresa i Coneixement de la Generalitat de Catalunya. Aquest projecte ha estat cofinançat per la Unió Europea a través del Fons Europeu de Desenvolupament Regional (FEDER).
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