



PRiSTiNE

**Innovative and versatile integrated solution to remove
contaminants of emerging concern in water treatment systems**



Captoplastic Tech

Microplastics Control & Capture in water bodies

Belén Carboneras

4th June 2025



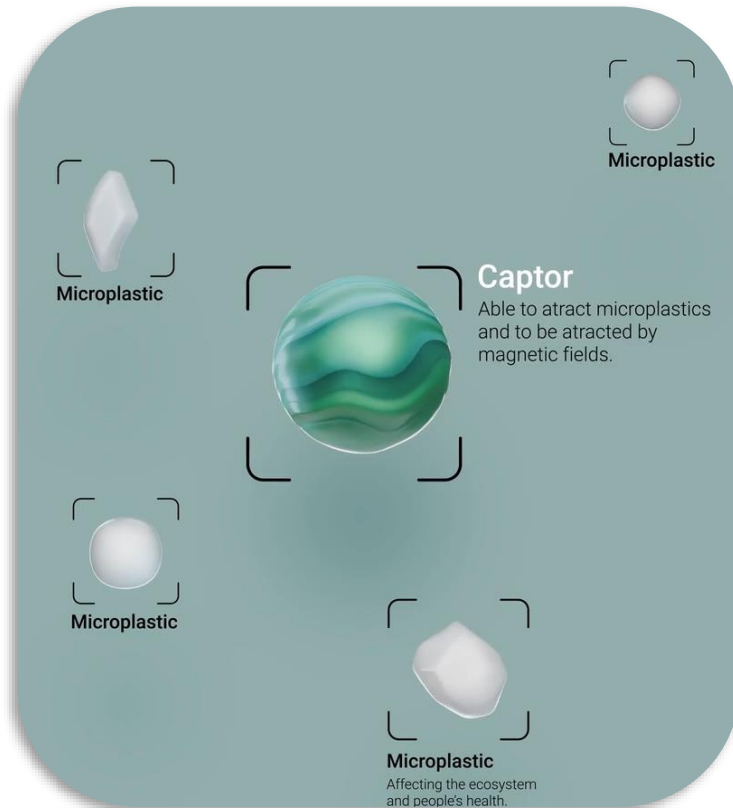
CAPTOPLASTIC

Microplastics Control & Recovering in water bodies



PRISTINE

Core of the technology



BUSSINES LINES

01

Control Tech

02

Capture Tech

- **Specialized material that captures MPs from any water bodies**
- **Captor: magnetic iron mineral**
- **All types and size of MPs, including aged MPs**

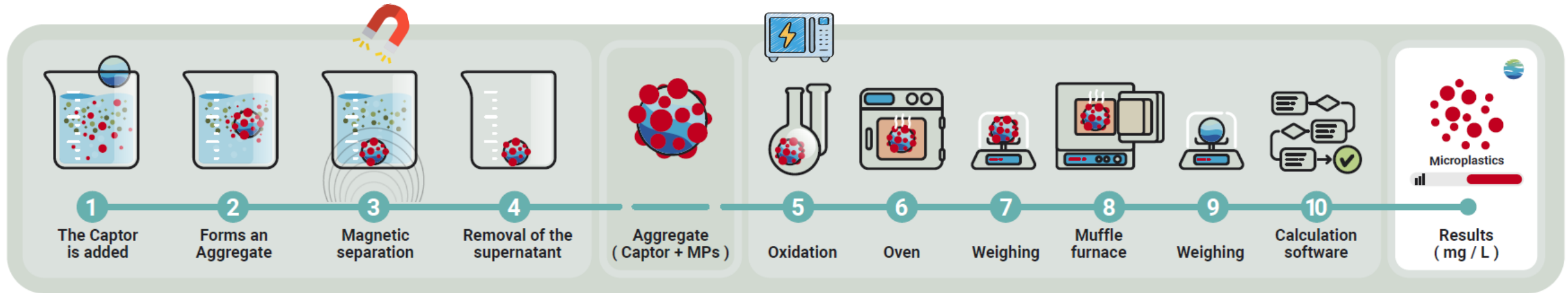
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Microplastics Control & Recovering in water bodies



PRISTINE

Technology capable of quantifying microplastics



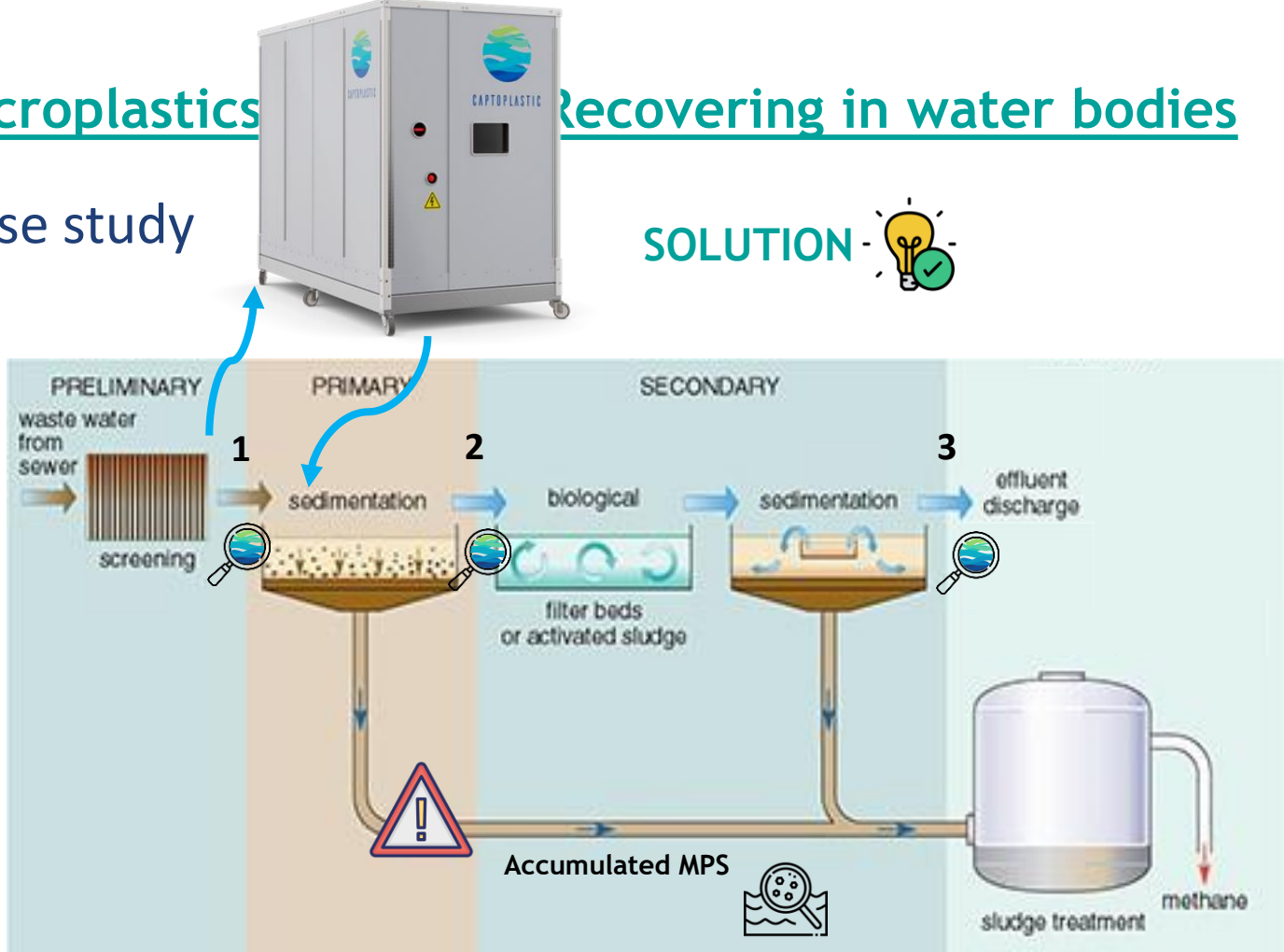
- **Captolab** Total Suspended Solids by applying the standard methodology
- Quantifies microplastics in water matrices, including wastewater with high organic content (influent & effluent)
- The aggregate is separated by applying a magnetic field
- Our software calculates the microplastic concentration in mg/L based on the obtained data.



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Microplastics Recovering in water bodies

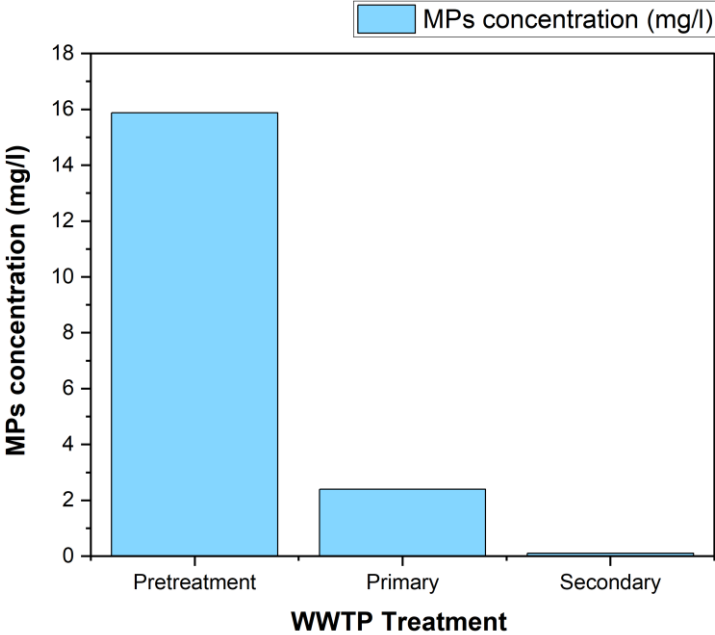
Case study



SOLUTION



PRiSTiNE



| WWTP Treatment | MPs concentration (mg/L) |
|----------------|--------------------------|
| 1 | 15.00 |
| 2 | 2.40 |
| 3 | 0.10 |

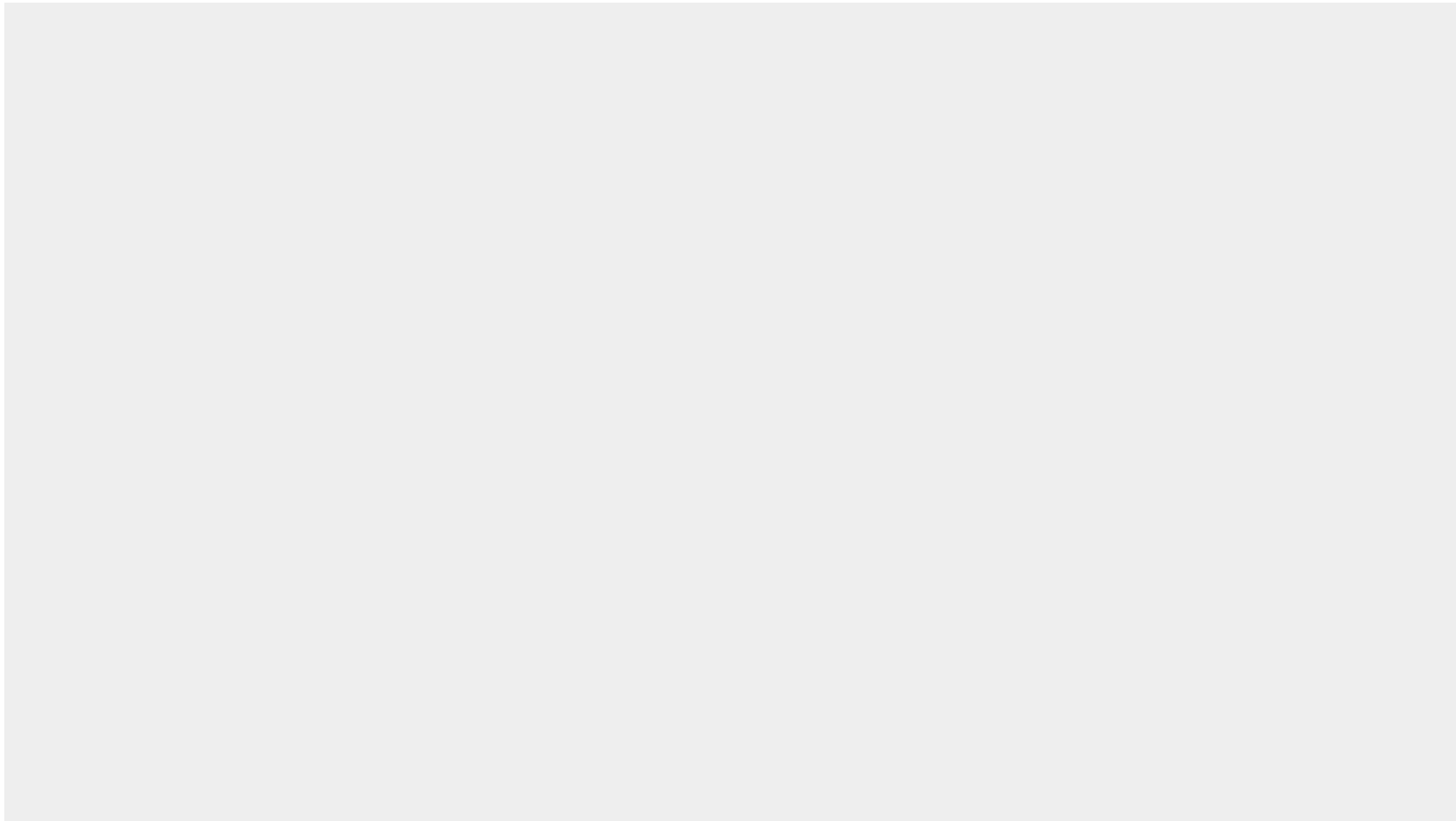
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Microplastics Control & Recovering in water bodies



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CAPTURE



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THANK YOU



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