

Why?

The presence of hazardous micro-pollutants in water streams has become a worldwide concern, as it compromises not only the environment but also human health.



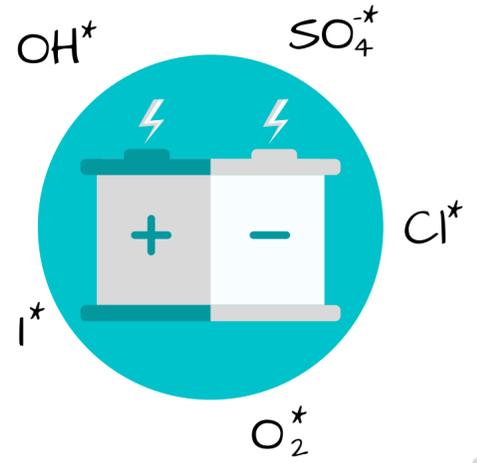
To be one step ahead of a future where water scarcity will only accentuate this issue even more, overcoming the limitations of current wastewater treatment technologies is one of our top priorities.

What?



Advanced Oxidation Processes (AOPs) are a well-known class of technologies for the degradation of micro-pollutants. In particular, Electrochemical AOPs (eAOPs) stand out as a sustainable and effective solution since they can operate at ambient conditions and may be powered by renewable energy sources. Additionally, they may be chemical-free and waste-free.

Despite great advancements made over the last few decades, eAOPs can still be adversely affected by several process factors, limiting its industrial roll-out.



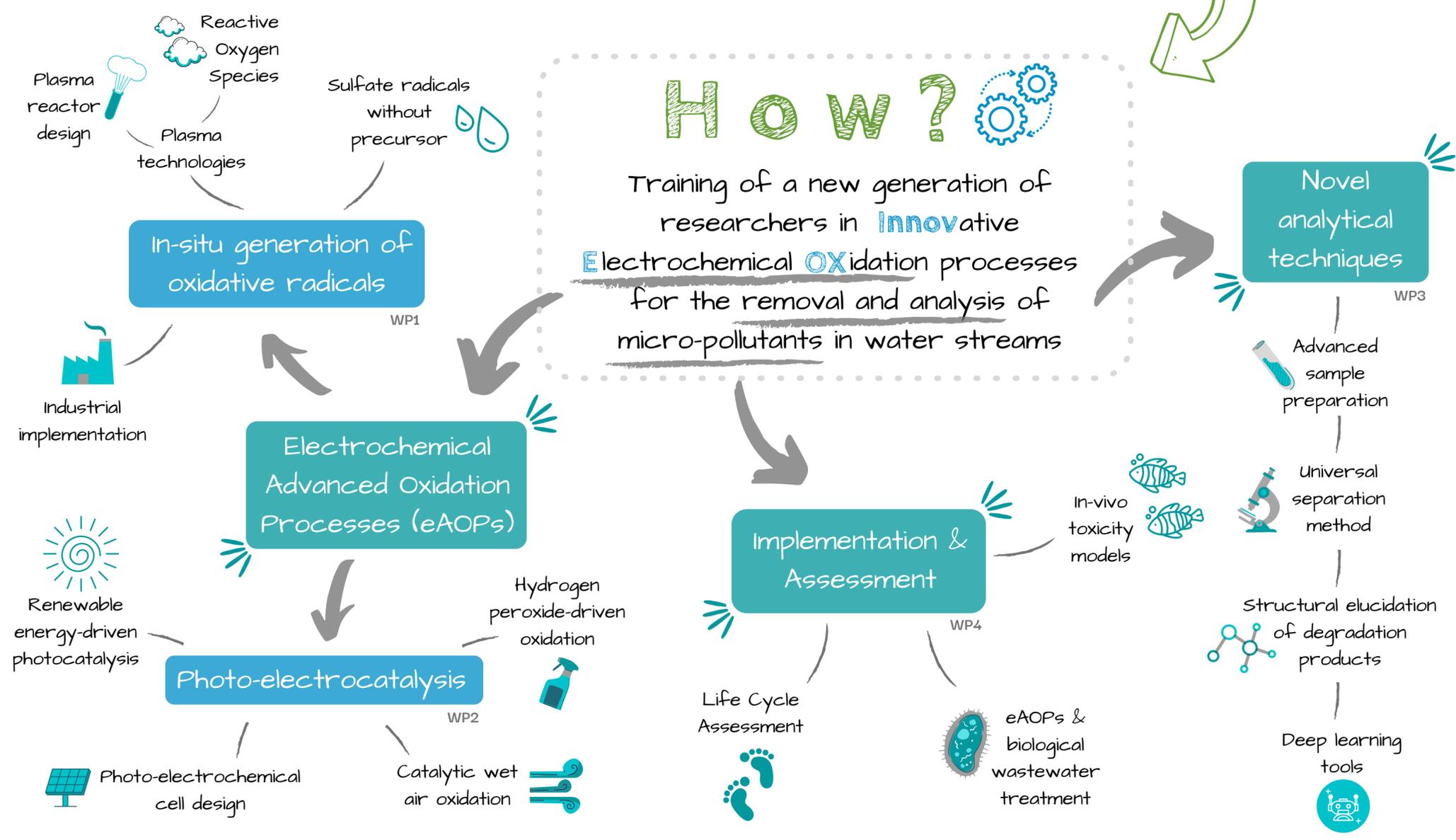
InnoVEOX

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How?



Training of a new generation of researchers in Innovative Electrochemical Oxidation processes for the removal and analysis of micro-pollutants in water streams



Early-Stage Researchers



Beneficiaries



Partner Organizations



This project has received funding from the European Union's EU Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement No 861369.

