

## Bio-Gamma Advanced Reduction and Oxidation for Sustainable Reuse of Water in textile industry – BIGAROW (720PED)

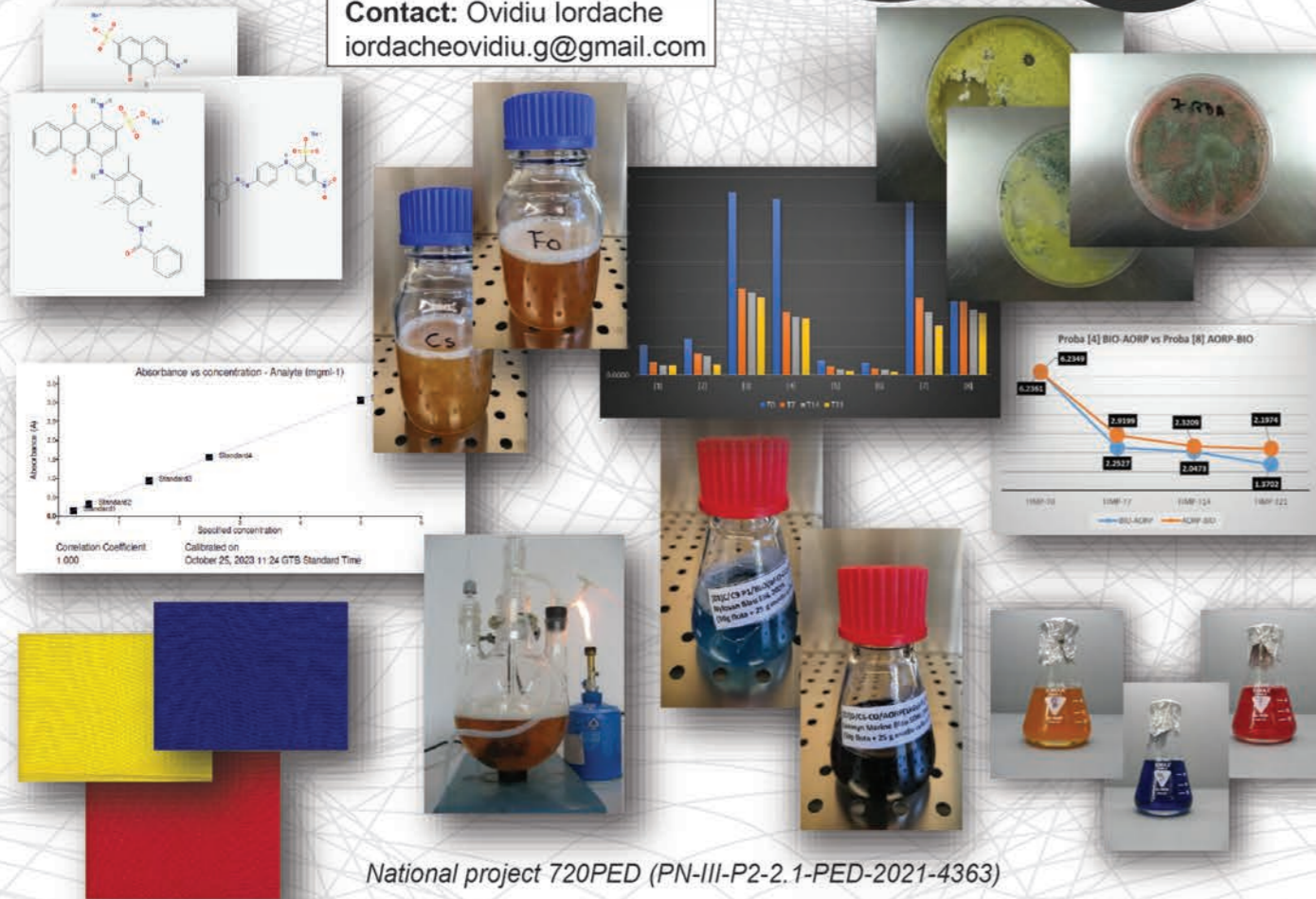
### Objective

Investigate the performance and validate the effectiveness of an advanced treatment and decontamination method for textile wastewater effluents. The method, called “BIO-AORP technology”, combines both benefits of green AORP and BIO treatments for wastewater remediation with the purpose of industrial reuse.

### Partners

1. Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH)
2. National R&D Institute for Textile and Leather (INC-DTP)

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## THE TECHNOLOGIC AND BUSINESS INCUBATOR ITA TEXCONF

ITA TEXCONF is an entity in the infrastructure of innovation and technological transfer without legal personality, established within INC-DTP based on HG 406/2003, accredited for the textile – clothing field and re-accredited in 2020, Certificate no. 118/2020, issued by the Ministry of Education and Research



Insights from incubated company SC Xtreme Equipment SRL

ITA TEXCONF is part of the National Network for Innovation and Technology Transfer ReNITT and acts for the sustainable economic and social development of the textile sector, by ensuring access to technological performance, developing the innovative environment, introducing quality systems and developing human resources.

The incubator is involved in specific actions of collaboration with all 5 existing clusters in the textile field, of which it is part as an active member: Romanian Textile Concept Cluster – RTxC, ASTRICO NE, Traditions Manufacture Future, Transilvania Textile & Fashion Cluster and Fashion Future Cluster.

### Services:

- ❖ Services of sustaining textile-clothing SME competitiveness within the competition background of the market economy;
- ❖ Services aiming at creating partnerships and financing drawing in within the projects;
- ❖ Services aiming at the product, equipment, innovation technology promoting in the field of textile-clothing, as part of scientific events (fairs, symposiums, conferences, etc.);
- ❖ Mediating contracts of technology transfer/manufacturing of products, experimental models, prototypes and specific applications for technical textile, personal protective equipment, invasive and non-invasive medical devices, special-purpose items, etc.;
- ❖ Mediating contracts in the field of investigating the textile material and product properties, within the RENAR accredited INC-DTP laboratories.

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