



# WASTEWATER TREATMENT TECHNOLOGY

FROM WASTE TO ENERGY AND MATERIAL RECOVERY



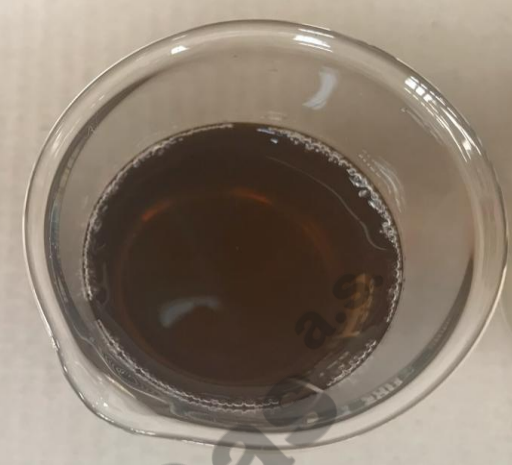
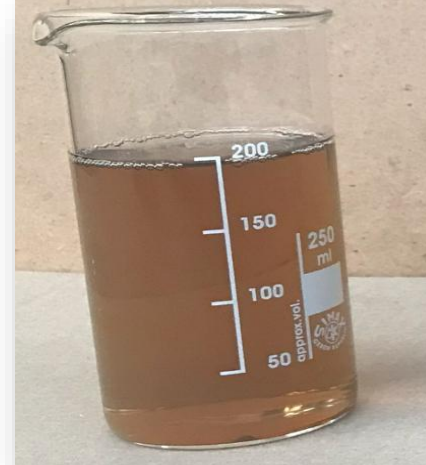
# Purpose of the Technology

The unit treats wastewater resulting in sludge and sediment from petrochemical, textile, food, or metallurgical processes. The recycled water can be reused in the process loop.

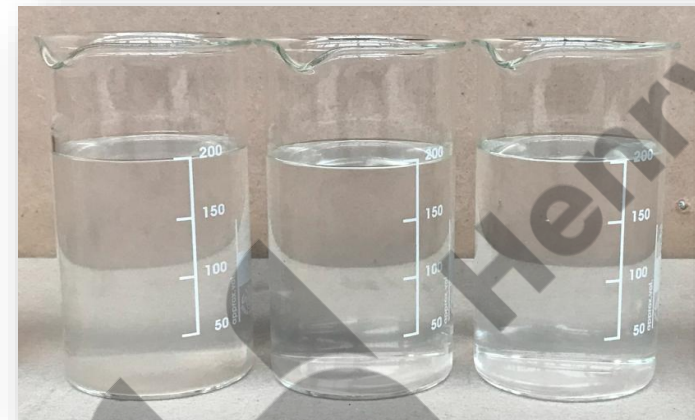
## Suitable wastewater for treatment:

- Organic substances and oils (petroleum products, fats, lubricants, dyes, surfactants)
- Colloidal and undissolved particles (from food and chemical industries)
- Heavy metals (Fe, Zn, Cu, Pb, Cd, Cr, Ni, etc.)
- Biologically non-degradable organic substances

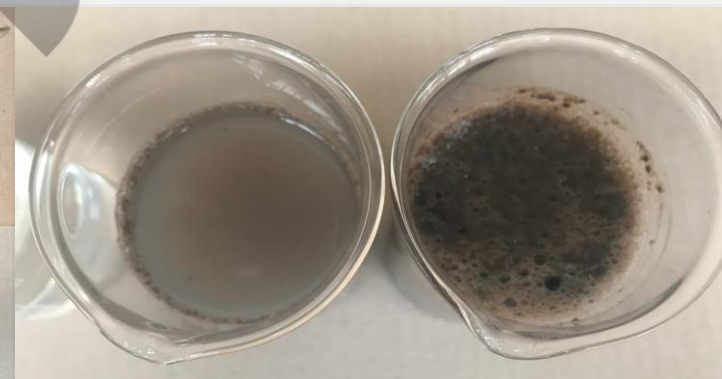
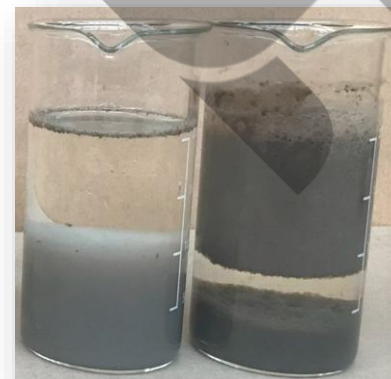
[Further information upon request](#)



*Wastewater from wood chip pyrolysis*



*Pyrolysis wastewater after cleaning*



*Separated impurities from wastewater*



A high-speed photograph of a water splash, showing intricate, organic patterns of liquid droplets and air bubbles. The water is captured in a dynamic, mid-air state, creating a complex web of fine lines and larger, rounded droplets. The overall tone is a muted, dark green, which serves as a background for the white text.

Let's change color of energy together.