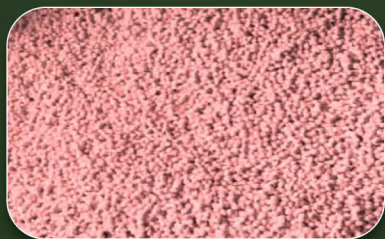


# ADVANCED MATERIALS FOR WASTEWATER AND LIQUID WASTE TREATMENT

Is a material smart material that solves the entire liquid waste treatment cycle, up to disposal, in just few simple steps

NO MATTER what is the type or load of contamination or the source of waste, it effectively removes in one stage most types of toxic contaminants including viruses, heavy metals, N-P and soluble organics

The Advanced Material feeds Block Reactors where the contamination is removed



ADVANCED MATERIAL

## PRODUCT

**NANt-g75**

**NANd-g90**

## APPLICATION

Industrial wastewater and liquid waste treatment

Sludge and waste disposal - detoxification of liquid waste and sludge-waste cakes

## MAIN OPERATIONAL SPECS

- working pH: 1÷13
- treatment activation: treatment formulation, operated by the owner
- treatment applications: removes viruses, bacteria, heavy metals, soluble organics, contaminations with complex charge



sludge after liquid waste treatment

## \*\* TYPICAL TREATMENT COSTS

** €/m <sup>3</sup>	TREATMENT APPLICATION
<b>from 0.55</b>	industrial wastewater and liquid waste, contamination load < 2500 mg/L
<b>from 0.1</b>	sludge dewatering, up to 5% solids content
<b>from 0.12</b>	thermal inactivation of waste

(\*\*) the total treatment costs are validated through treatment optimization realized before any design or equipment installation: they may be lesser or greater compared to that in the graphs herein. Treatment refers to the equivalent contamination that loads 1m<sup>3</sup> of liquid waste.



up to 90% decrease in volume of generated sludge waste



over 50% decrease in overall operating expenses