GLOBAL WATER NANOTECHNOLOGIES

Product

Materials for water remediation

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

Optimized formulation with iron nanoparticles for very fast and effective purification of contaminated water

Global Water Nanotechnologies is a spin-out of Palacký University in Olomouc, using a formulation for the unique application of highly reactive iron nanoparticles in the treatment of highly contaminated industrial/wastewater. The chosen approach enhances and especially accelerates the effect of iron nanoparticles and is highly suitable for very fast and effective removal of dissolved contamination: toxic metals and organic substances (micropollutants based on drug residues, pesticides, etc.). The resulting technology will be suitable for process plants or for dealing with industrial accidents and the consequences of natural disasters.

Unique Selling Points:

- A new product that extends the use of iron nanoparticles into new areas.
- A product optimized for fast and highly efficient purification of polluted waters.
- A global solution applicable to the treatment of a wide range of waters and the removal of different types of contaminants without geographical limitations.

2/2024 B2B B2G

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