



Next Generation Filter

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We develop, manufacture and sell nanofiber structured nanofiltration membranes to remove or recover heavy metals and dyes & pigments from industrial wastewater and drinking water.

Our product was tested by a iron and steel factory for removal metal from wastewater. Experimental comparison was made with commercial membranes. It is stated that they have three times better results than existing commercial membranes.

The nanofiber nanofiltration membrane converts heavy metal contaminated water into drinking water. It removes the need for expensive and large area infrastructure facilities required for traditional treatment methods. It reduces energy costs by providing work at lower pressures. It has high surface area and high treatment efficiency. Patent feasibility has been established and a patent application is being prepared.

In the planned revenue model, it is aimed to sell the nanofiber filtering membrane to distributors and to obtain profit as a result of reaching the end user through these distribution channels. With the use of distributor distribution channels, operational costs will be reduced. In addition, a simple work will be provided.

Markets:

First target market industries; Glass industry, automotive industry, Iron and steel industry, Metal coating industry, Paper and Textile Industries

Second target market industries; Battery and cell manufacturing industry, Electronic device manufacturing industry

Third target market industries; Drinking water industry