

## REACNF(Cellulose Nano Fibril)

Category	Enterprise Creation
○ Corporation (Preliminary Enterprise)	REACNF (Cellulose Nano Fibril)
○ Representative	Jae-Hyun Han
○ Establishment year	2019.03.07
○ Specialized Field	Biofibers using algae, medical applications with nanocellulose, and cosmetic anti-aging materials
○ Address	<ul style="list-style-type: none"> <li>- Head Office : #506, A dong, 197, Inje-ro, Gimhae-si, Gyeongsangnam-do, Republic of Korea</li> <li>- R&amp;D Center: #805, Bldg 85, 20, Changwondaehak-ro, Uichang-gu, Changwon-si, Gyeongsangnam-do, Republic of KOREA</li> </ul>
○ Home page	- <b>Homepage: <a href="http://reacnf.com">reacnf.com</a></b>
○ Enterprise Brief Introduction	<ul style="list-style-type: none"> <li>- Background: The importance of eco-friendly environment became the background of start-up in the forest resource department where I learned the foundation of management such as organization and goal management while serving as a student military education team.</li> <li>- Start-up: After conducting research and development in the field of natural environment, I started my own business through the Start-up Academy.</li> <li>- Currently: Commercialization, product implementation, and overseas export of marine algae bio-fibre development technology are underway. Currently, the company is focusing on developing marine algae anti-aging bio-nanocellulose materials that can be used for medical purposes and cosmetics.</li> <li>- Certification: Venture , research institute corporate</li> </ul>
○ Product and Pipeline Introduction	<ol style="list-style-type: none"> <li>1. Beauty mask sheet incorporating seaweed fiber</li> <li>2. 4 types of beauty mask packs that incorporate seaweeds and extracts “Beauty curator” <ul style="list-style-type: none"> <li>- Export to LA /USA, Hanoi/Vietnam and enter online and offline</li> </ul> </li> <li>3. Seaweed Nanocellulose/ Seaweed Carboxymethyl Pretreatment Nanocellulose <ul style="list-style-type: none"> <li>- Development of medical materials in progress</li> </ul> </li> </ol>
○ Patent and Certification, Licensing, Thesis, Investment status, etc.	<ol style="list-style-type: none"> <li>1. Registered Patent: Bleaching Method for Manufacturing Process of Seaweed Pulp (No. 10-2223405)</li> <li>2. Registred Patent: Manufacturing method of plate type particles through ball milling and calculation method of milling efficiency (No. 10-2076409)</li> <li>3. Application: Manufacturing method of nanocellulose using algae(Application number 10-2021-0026458)</li> </ol>