

# sette mari *carrageenan*



**SHAPING A BETTER FUTURE THROUGH SUSTAINABILITY AND TRACEABILITY**



PRODUCT OF INDONESIA

[www.rotecarrageenan.com](http://www.rotecarrageenan.com)

**RKN**  
ROTE KARAGINAN NUSANTARA



## About us

PT. Rote Karaginan Nusantara (RKN) is a family owned enterprise established in 2016.

Our headquarters houses the largest food ingredient processing plant in the region and the first of its kind. It is located 25km south of Kupang, the capital of Nusa Tenggara Timur (NTT), a province deep in the southeast of Indonesia.

We are dedicated to producing the best quality carrageenan from the best sources of quality seaweed. We only accept materials that meet our stringent requirements. We analyse and process them in compliance with food safety standards, all led by our highly qualified personnel with many years of experience in the carrageenan industry.

Our primary produce is Technical and Food Grade Kappa and Iota Semi-refined Carrageenan customized to meet our clients individual specifications.

One of the goals in setting up RKN was to support sustainable sea farming practices for the more than 5000 seaweed farmers that we work with.

From the Rote-Flores-Alor areas in the NTT province all the way to the Kei archipelago in the Maluku province, RKN provides training, seaweed seedlings and lines for establishing seaweed farms to local communities.



RKNs' cargo vessel sails out from Kupang to supply our associate farmers on remote islands with food, medicine and other basic necessities and collect the raw dried seaweed to be delivered to our factory in Kupang.

We offer true end-to-end traceability, providing granular data at every step of the supply chain. We have full traceability of our products' origins, from the raw materials up to the finished product and we are the only company in Indonesia able to do so.

All our practices are guided by the belief that the sustainability of the sea and her ecosystems goes hand in hand with business sustainability.

## Our Mission

- To deliver the finest organic ingredients for your needs
- To be the biggest food processor in southeast Indonesia
- To develop sustainable employment and a sustainable environment for local seaweed farmers
- To preserve the sea as a vibrant ecosystem

## Our Vision

- People: to provide a great place to work, where people are inspired and determined to perform their best
- Partners: together we grow and create winning products
- Productivity: To be a highly effective and innovative organization





# Shaping a better future through Sustainability and Traceability



**STEP 04**  
Farmers harvest the seaweed after 45 days, sort, sun dry and then pack and deliver the raw dried seaweed to our collection centres.



**STEP 05**  
RKN gathers Raw Dried Seaweed (RDS) at collection centres in the Maluku and NTT Provinces.



**STEP 06**  
MV Aya Sofia will call in at our collection centres and load the RDS and then sail to our processing facility in Kupang.



**STEP 07**  
RKN receives the materials that meet our stringent requirements, analyses and process it to produce the Sette Mari Carrageenan products, all led by highly qualified personnel with many years of experience in the carrageenan industry.



**STEP 03**  
RKN works closely & directly with more than 5000 farmers across the archipelago. Supplying farmers with seaweed seedlings ensure a continued and sustainable supply of raw dried seaweed.



**STEP 03**  
Farmers plant the seaweed seedlings and tend to the farms part time allowing them to continue with other supplemental traditional activities.



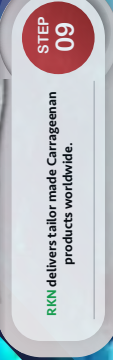
**STEP 08**  
RKN's end product: the Sette SRC 007/008 'Kappa-Iota' Semi-refined Carrageenan (E407a).



**STEP 02**  
RKN's cargo vessel sails out from Kupang to supply our associate farmers on remote islands with food, medicine and other basic necessities.



**STEP 01**  
RKN provides training, seaweed seedlings and lines for establishing seaweed farms to local communities.



**STEP 09**  
RKN delivers tailor made Carrageenan products worldwide.



RKN is the only company able to offer true end-to-end traceability, providing granular data at every step of the supply chain. We have full traceability of our products' origins, from the raw materials up to the finished product.



## Innovation



## Quality Assurance

All raw materials and the end product are subject to strict quality control, this takes place in a modern laboratory operated by highly qualified food technologists with many years of experience. Our laboratory is equipped with modern equipment for quality assessment and analysis.

Constant monitoring allows us to guarantee our customers consistent quality. In 2018 our company will comply with HACCP and HALAL procedures and we are working towards fully complying with the ISO 22000 standard.



## What is carrageenan?

Carrageenan is a hydrocolloid extracted from some red seaweeds belonging to the Gigartina, Hypnea, Eucheuma, Chondrus and Iridaea species. It is used in a wide variety of applications in the food industry as a thickening, gelling, stabilizing and suspending agent in water and milk systems.

Carrageenan has a unique ability to form a wide variety of gel textures at room temperature: rigid or elastic, clear or turbid, tough or tender, heat stable or thermally reversible, low or high melting/gelling temperatures. In water it shows typical hydrocolloid properties of thickening and gelling, while in milk systems it also has the property of reacting with proteins to furnish additional stabilizing abilities.

Carrageenan is a multifunctional ingredient and it behaves differently in water and in milk systems. It may also be used as a suspending, gelling, emulsifying, stabilizing and water-retaining agent in other industrial applications.

## CONTACT US

PT.Rote Karaginan Nusantara

### Office and Factory:

Jalan Latukoko Olliana, Desa Tablolong,  
Kab.Kupang Barat, Kupang 85351  
NTT, INDONESIA

P: +62-811 3609888

E: [info@rotecarrageenan.com](mailto:info@rotecarrageenan.com)

### Sales & Marketing Office:

Jalan Pekayon 1 No.8 Pejaten Barat,  
Ragunan, Jakarta, 12550  
INDONESIA

P: +62-81384887777

E: [inquiry@rotecarrageenan.com](mailto:inquiry@rotecarrageenan.com)