



THE PLASTIC WASTE MAKERS INDEX

Revealing the source of the single-use plastics crisis

Global Plastic Consumption in 2019:
376 MMT



Not only eyesore and unpleasant odor, but
REAL health problem to all generation

Nature has provided a **real, scalable and affordable solution** in

SEAWEED

Abundant & easy to cultivate

No deforestation

Sequester CO₂



What We Do



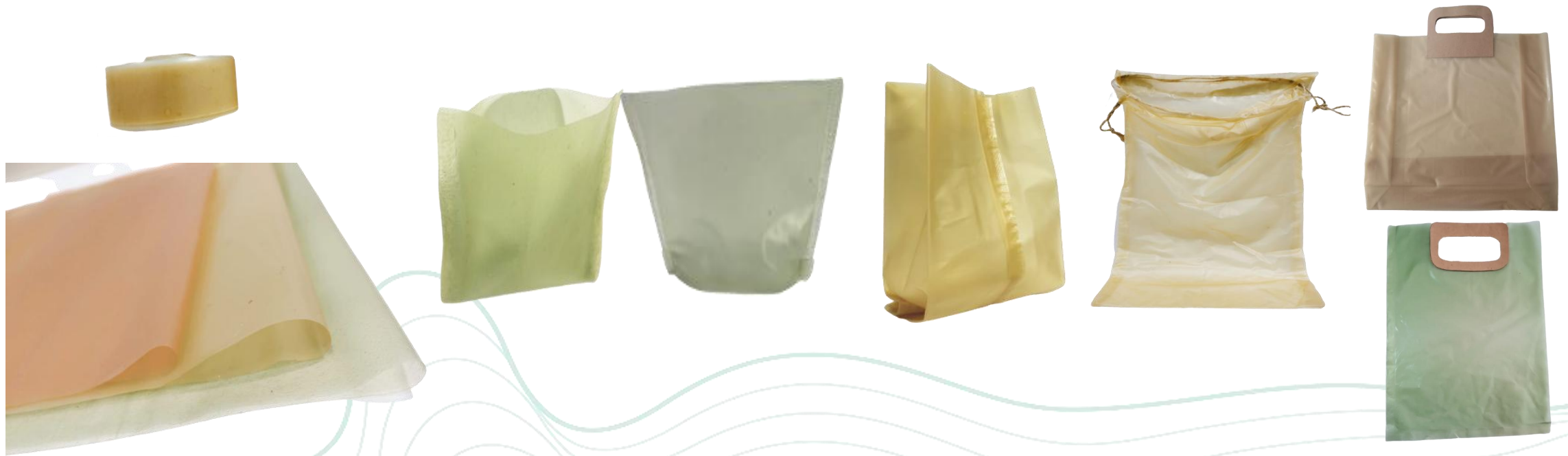
We incorporate triple bottom line approach in our business. Our business is beyond a solution for plastic waste problem.

“To be a true biopackaging manufacturer and the leader in the circular packaging story that can extend across packaging variant formats.”



Biopac

A zero-waste seaweed-based bio-packaging solution that is fully sustainable, 100% biodegradable, & compostable.



“To be a true biopackaging manufacturer and the leader in the circular packaging story that can extend across packaging variant formats.”



Additional Features



Vacuum-able



Valve-embedded gusset



Seaweed-based ink



Printing service



Biopellet

Pioneer in seaweed-based biopackaging manufacturer, with the most advanced technology and deep science



We Embrace The Green Economy



We are Aligned with SDGs

Social



Environmental



Economic



From 139 targets in 17 SDGs, we can contribute to 81 targets with our real actions.



Our Product's Application for Food Courts, Canteen, Café & Restaurants



Sachet for Chilli Sauce, Cutlery, Straw etc



Gusset for Doughnut, French Fries, etc



Wrap for Burger, Rice, Cake etc



Food Base



Our Product's Application for Food Manufacturers



Edible Sachet & Outer Gusset
For Jamu, Coffee, Grains &
Granules



Noodle packaging,
including for the
seasoning



Edible Gusset &
Sachet For Oatmeal



Vacuum Bag
for Sausage



Edible Wrap for
Cheese



Our Product's Application for Hotels and Resorts



Shampoo bar



Soap bar



Dent tab



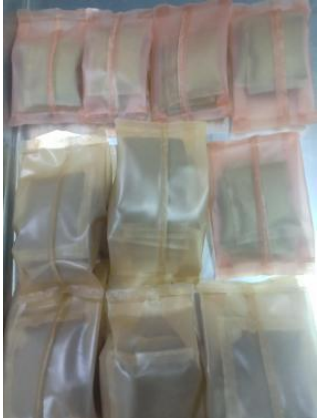
Bamboo toothbrush



Wooden comb



Drawstring bag to pack bath kit



Plastic-free powder drinks



Our Product's Application for Retailers



Drawstring Bag
For General
Purpose



Fruit Bag With Seal
Tape



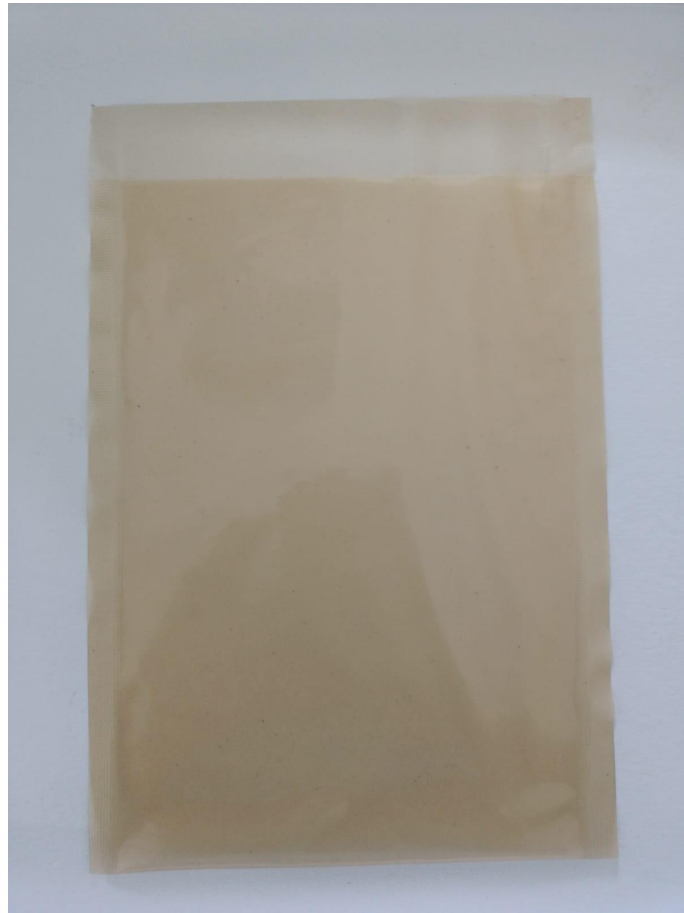
Griphole



Cling wrap
and bowl



Our Product's Application for Fashion & Doll

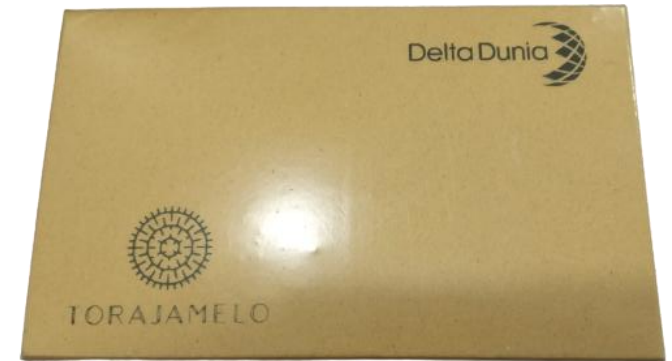


T-shirt bag



Hang tag.

The whole products are seaweed-based: the tag, the string and the ink.



Box laminate and printing with seaweed



Our Product's Application for Pet Lovers



Pet Food



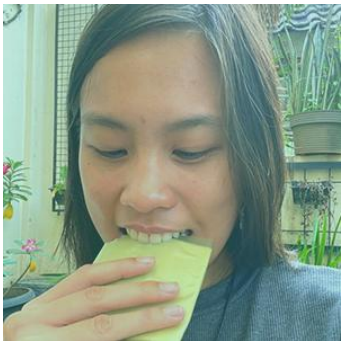
Pet Waste Gusset



Pet Waste Jumbo Bag



Our Product Competitiveness



Edible



Halal



Nontoxic



No allergic risk



Convenient



Biostimulant for agricultural purposes



Cruelty-free



Job creation



Empower coastal communities



Compostable



Renewable & sustainable material



Safe for animals, marine life & microbial diversity



We Have 5 Product Patents

Patents Granted

Biodegradable Bioplastic



Edible Bioplastic



Seaweed Capsule



Patents Registered

Flexible Packaging



Semi Rigid Packaging

FORMULIR PERMOROHAN PATEN

KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA
DIREKTUR JENDERAL KEKAYAAN INTELEKTUAL

Formulir permohonan Paten

Isi oleh pemohon

Tanggal pengajuan :
Nomor permohonan :

Dengan ini saya/kami :
(1) Nama : Dr. Noryawati Mulyono, S.Si
Alamat : Pademangan I Gg 5 No 1 A, Pademangan Timur, Jakarta Utara

Alamat surat menyurat :
Warga Negara : Indonesia
Email :
Telepon/Fax :

menyampaikan permohonan Paten / Paten Sederhana
jawa-umkm-LUMKM-Landasan Pendidikan - Lahan Pemukiman / um-UMKM

yang merupakan permohonan paten internasional/PCT dengan nomor :
Tanggal Penerimaan Internasional : | |

(3) mendaftarkan/melalui *) Konsultan KI
Nama Badan Hukum : WIN IP FIRM
Alamat Badan Hukum : Curvex Village Building Lt.2 Unit 5 & T,
Jl. Raya Casablanca (Jl. KH. Abdoh Syafi'i), Kav.27
Tebet, Jakarta Selatan 12010, INDONESIA

Nama Konsultan KI : Winatika, S.Si
Alamat :
Nomor Konsultan KI : 240-2000
Telepon/Fax : 021-48661020
Email : mail@winipfirm.com

(5) dengan judul invenisi
KEMASAN BIOPLASTIK UNTUK WADAH DARI BUMPUL LAUT DAN PROSES PEMBUATANNYA | |

Permohonan paten ini merupakan pecahan/perubahan dari permohonan paten nomor : | |

Have been registered in PCT



We Deliver Good Quality Products for Our Customers

Halal Certificate



Laboratory Testing

Laboratorium Jasa Pengujian dan Penelitian (QLab)
Fakultas Farmasi Universitas Pancasila
 Srengseng Sawah, Jagakarsa, Jakarta 12640 Telp/Fax 021-7864727/28 ext. 549
 Website : <http://qlab.fkip.org>, E-mail : qlab.fkip@gmail.com

LAPORAN PENGUJIAN LABORATORIUM
 Nomor : F-016/QLab/V/2015

Halaman 1/1

Nama Sampel : Bioplastik Edibel EBP-3
 No Batch : -
 Nama Pengirim : Ibu Noryawati
 Alamat Pengirim : Fakultas Teknologi Universitas Atmajaya
 Jl. Jend. Sudirman No. 51- Jaksel 12930
 081380799320
noryawati@atmajaya.ac.id

Tanggal Penerimaan sampel : 04 Mei 2015
 Kode Sampel : F-016/QLab/V/2015
 Metode Pengujian : Weil CS

Parameter Uji	Hasil
• Pemerian	Rajangan Bioplastik Edibel EBP-3 warna coklat muda
• Toksisitas Akut (LD50)	> 15 g/kg BB
• Tingkatan Toksisitas menurut Gossett (1976)	Practically non toxic

Kesimpulan : Hasil pengujian seperti tertera diatas.

Jakarta, 29 Mei 2015
 Laboratorium Jasa Pengujian dan Penelitian (QLab)
 Fakultas Farmasi Universitas Pancasila
 Manajer Teknik Farmakologi - Toksikologi

(Ni Made Dwi S., S.Si., M.Kes., Apt)

Laporan pengujian laboratorium hanya berlaku untuk sampel yang diuji.

NUTRITION

in one m² of sheet

Protein	2.59 g
Lipid	0.34 g
PUFA	0.04 g
Polysaccharide	88.28 g
Dietary fiber	101.07 g
Sodium	1.92 g
Potassium	6.24 g
Calcium	1.63 g
Magnesium	861.86 mg
Iron	4.23 mg
Zinc	7.72 mg
Copper	<0.008 mg
Selenium	<0.002 mg

Certificate of Conformity

CERTIFICATE of Conformity

Certificat Regist. No./ No. registrasi sertifikat : 246120317

PT TÜV Rheinland Indonesia certifies:
 Certificate Holder: PT SEAWEEDTAMA BIOPAC INDONESIA
 Pemilik sertifikat: Jl. Palembang raya 817 RT 003 RW 003 Kel. Gandasari Kec. Jattawang Kota Tangerang 15137

Sample part: Seaweed
 Bagian contoh:

Type: Item 1: Biopac Sheet Standard, Material: Seaweed
 Tipe: Item 2: Biopac Sheet Less Glossy, Material: Seaweed

Test Report No.: 246120317
 Nomor test report:

Test Specification: Screening of substances of very high concern (SVHC) subject to the candidate list by European Chemical Agency (ECHA) according to Regulation (EC) No. 1907/2006 of REACH and its amendments
 Spesifikasi test:

The certificate refers and valid only to the above mentioned scope of product and type. This is to certify that the test sample is in conformity with the requirement of above mentioned test specification. This certificate does not entitle to carry any safety mark on this or similar products.

Jakarta, 2022-01-19

www.tuv.com

TÜVRheinland
 Precisely Right.



Biopac Biodegradation



Day 1



Day 7



Day 1



Day 12



Day 1



Day 30



After 2h (left) and 10h (right) in water



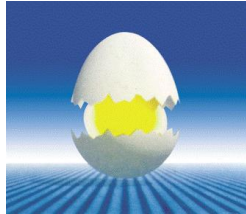
Awards Before Company Establishment



**Winner of L'Oreal For Women in Science
For Material Science
2010**



**Grantee for Business Incubation
Programme Indonesia Minister for
Research & Higher Education
2013-2015, 2017, 2019**



**Grantee for Research
Indonesia Toray Science Foundation
2011**



**Inventor Award
Indonesia Minister for Law and Human
Rights
2016**



**Runner Up Diplomat Success
Challenge Season 3
2012**



**Runner Up Open Ideo Circular
Design Challenge
Ellen MacArthur Foundation
2017**



Awards After Company Establishment



**Honorable mention for Leadership Commitment
UN Women Asia-Pacific WEPs Awards 2020**
Nov 2020



The Amber Prize



PACKAGING IMPACT Prize



Virtuous Cycles Award

**Winner of Circular Award for 3 categories: Virtuous Cycles
Award, The Amber Prize, and Packaging Impact Prize**
Nov 2021



Finalist Asia Confederation Final
Nov 2020



**Top 100 Global Finalists
Entrepreneurship World Cup**
Oct 2020



Finalist of Impact Hero
Feb 2022



Winner of Ocean Innovation Prize
Feb 2022



**Winner of Global Green Economic Forum for
Eco Innovator Awards 2020**
Dec 2020



Finalist of Hyundai Startup Challenge
Jun 2022



Grantee of The SUP Challenge
Jun 2022



Grantee of US Asean Smart Cities Partnership Program
Sep 2022



**Runner Up of International SEED Awards
2021 for Low Carbon Category**
July 2021



Media & Partners Before and After Company Establishment



An aerial photograph of a forest with a teal overlay. The text is centered on the image.

There is only
ONE EARTH,
We must work
TOGETHER
to protect her