

Eco-friendly Degradable Plastic Professional Brand

GreenB

GreenB will be the pioneer of the Eco-friendly business



| Buy the future of our earth.
GreenB will be your partner!

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Eco-friendly?

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now.

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KOMA GLOBAL

Buy the future of our earth.
GreenB will be your partner!



—

Why?

Why Eco-friendly?

01

**Being Eco-friendly,
is not a choice anymore.**



Eco-friendly consumption was a way to express one's thought about the environment or a good way of protecting it. But lately, more and more people think it is mandatory.

'In Trend Korea 2019'

An Eco-friendly management to grab millennial consumers

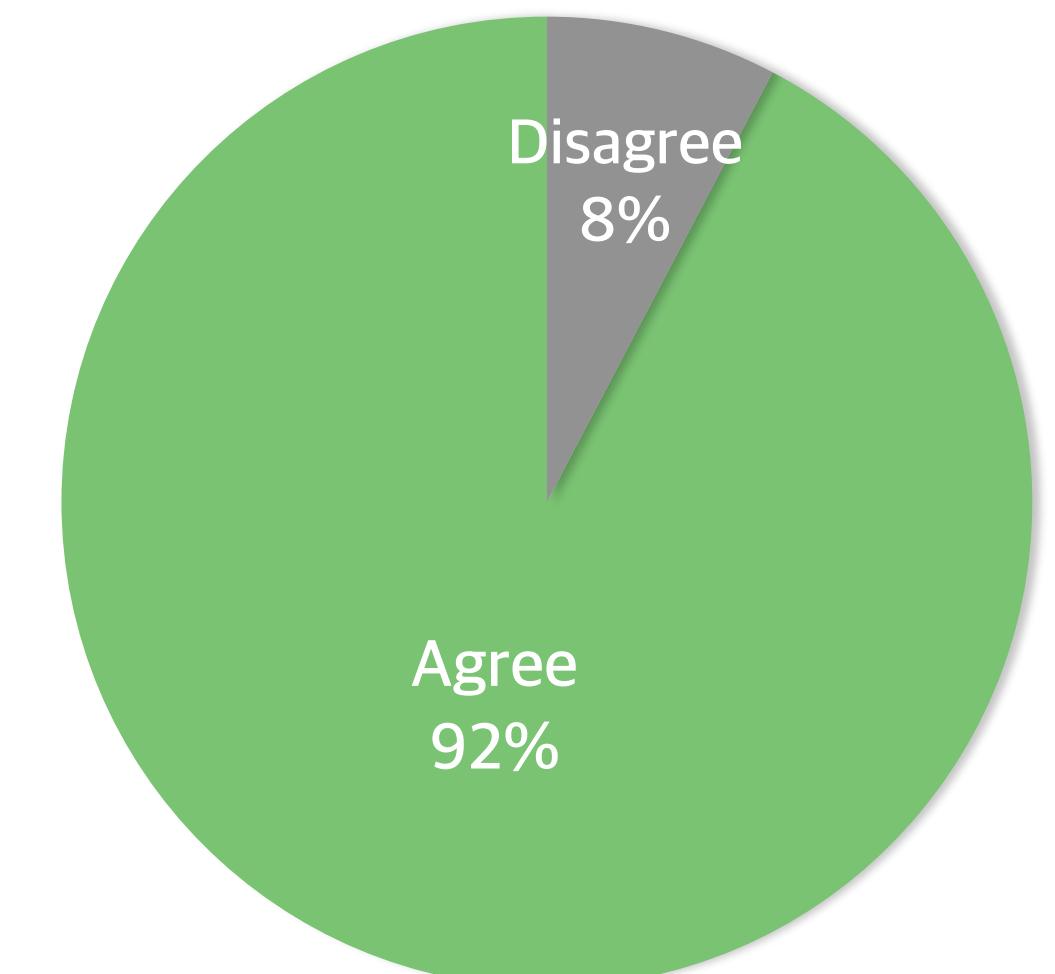
Environmental issues are institutionalizing and legalizing in government policy, since more and more people worldwide are aware of environmental problems. Consumers also realizes that eco-friendly is an ongoing trend and they are becoming more active and more voluntary. Therefore, companies cannot turn away from eco-friendly trend.

Since millennial consumers are interested in environmental issues eco-friendly management is essential to get their attention. Now it is more like 'have to be Eco-friendly', than 'want to be Eco-friendly'.

Companies are trying to change by **Consumer's Awareness**

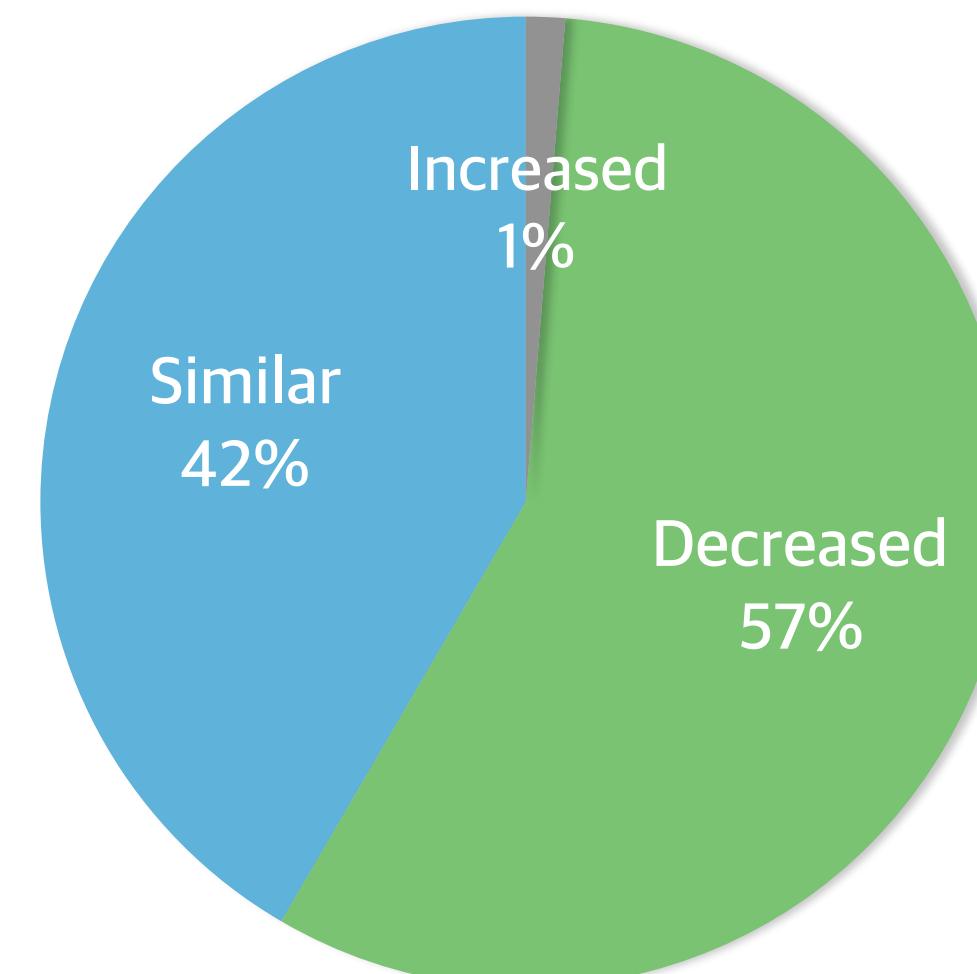
9 out of 10 citizens agreed the need of regulating corporate plastic consumption

The degree of the consent of government regulations on the use of plastics



N(Total)=1010people

Change in plastic usage over the past year



N(Aware of the issue)=999people

Source: 'Plastic Waste Problem and Resolution Awareness Survey', Greenpeace

Reason

02



Producing Eco-friendly products using eco-friendly natural dyeing tech that doesn't produce wastewater in the process of dyeing.

Eco-friendly Corporations' Successful Step

E-land, sales more than doubled compared to the same period last year

E-land has selected this year's management keyword as 'Eco-friendly' and is producing Eco-friendly products also acting in saving energy.

Starbucks, has a possibility of reaching 200 million in sales

Compared to the first half of last year, sales increased 25.2% and operating profit increased by 28.0%.

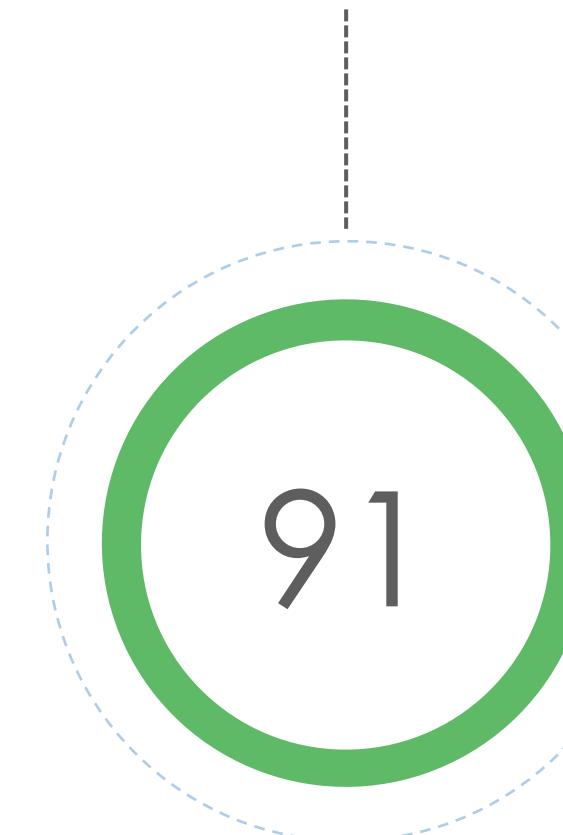
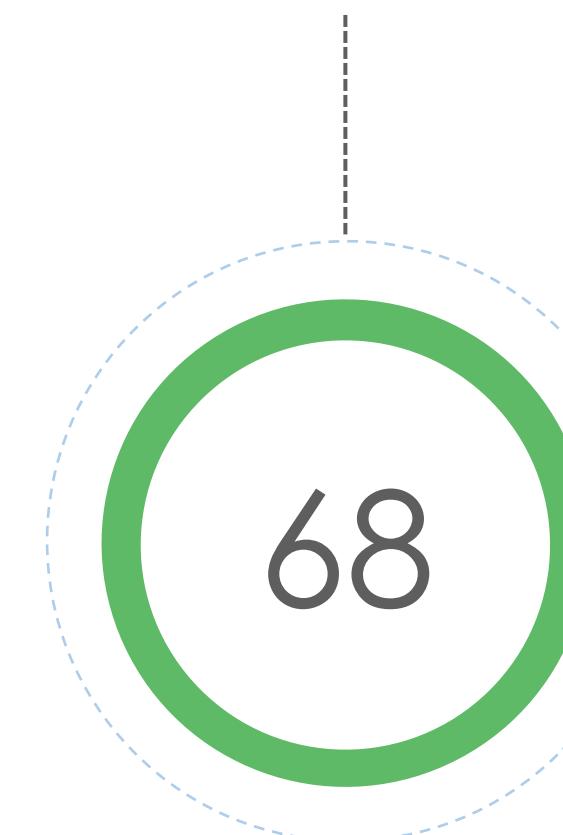
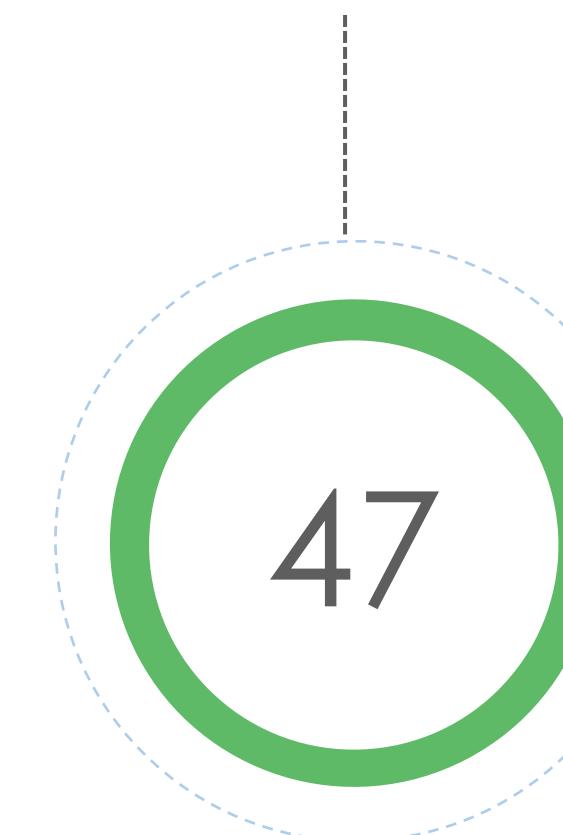
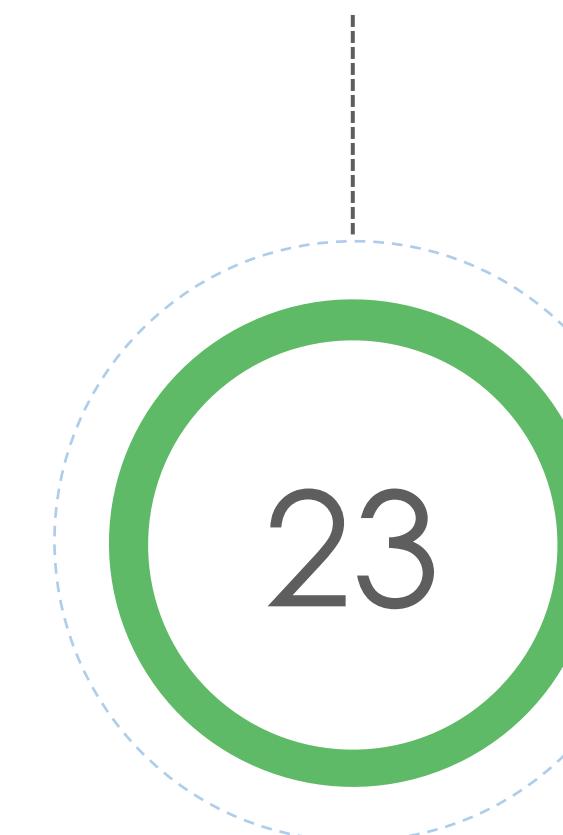
Source : ilyojournal, Industrial Economy News

Newsweek announcement on ‘Global Green Ranking’ in 2017

Eco-friendly managing domestic companies such as LG Electronics, Posco, Hyundai, SK Innovation are highly ranked.



posco



Companies are moving!

Source : branddiscover.co.kr

TOPTEN and Lotte Mart have obtained advertising effect by biodegradable plastic bags!



Starting now!

Buy the future of our earth.
GreenB will be your partner!



Now

Take the lead now.

02

fact check

01

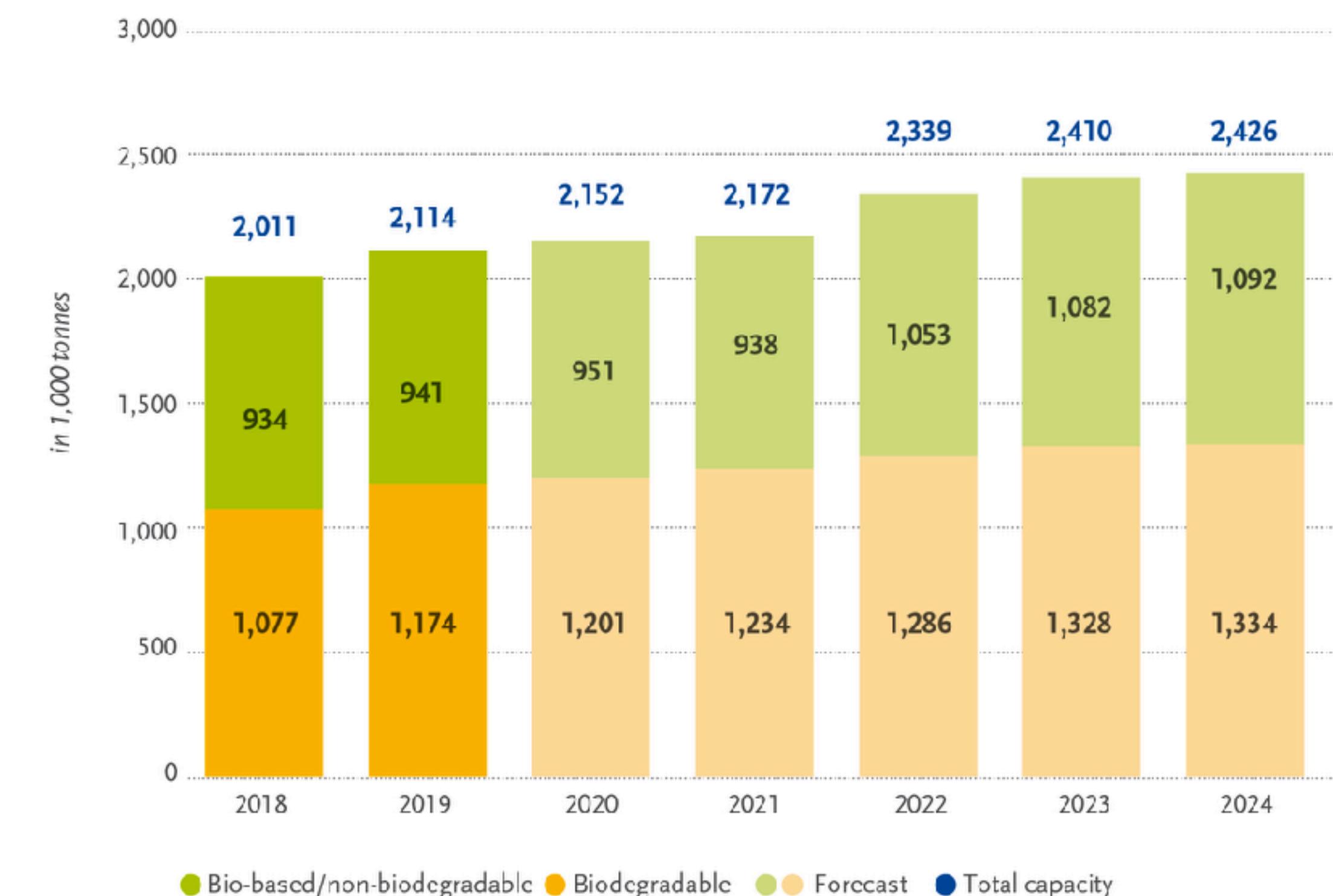
Currently, Eco-friendly Plastic usage is only 1%

Due to demand growth, steady growth is surely predicted.

Eco-friendly Plastic market data shows that only 1% of 375 million tons of plastic produced every year is Eco-friendly Plastic. But demand is increasing, and a variety of products are showing up. Moreover, the bio-plastic market is steadily growing and becoming diverse.

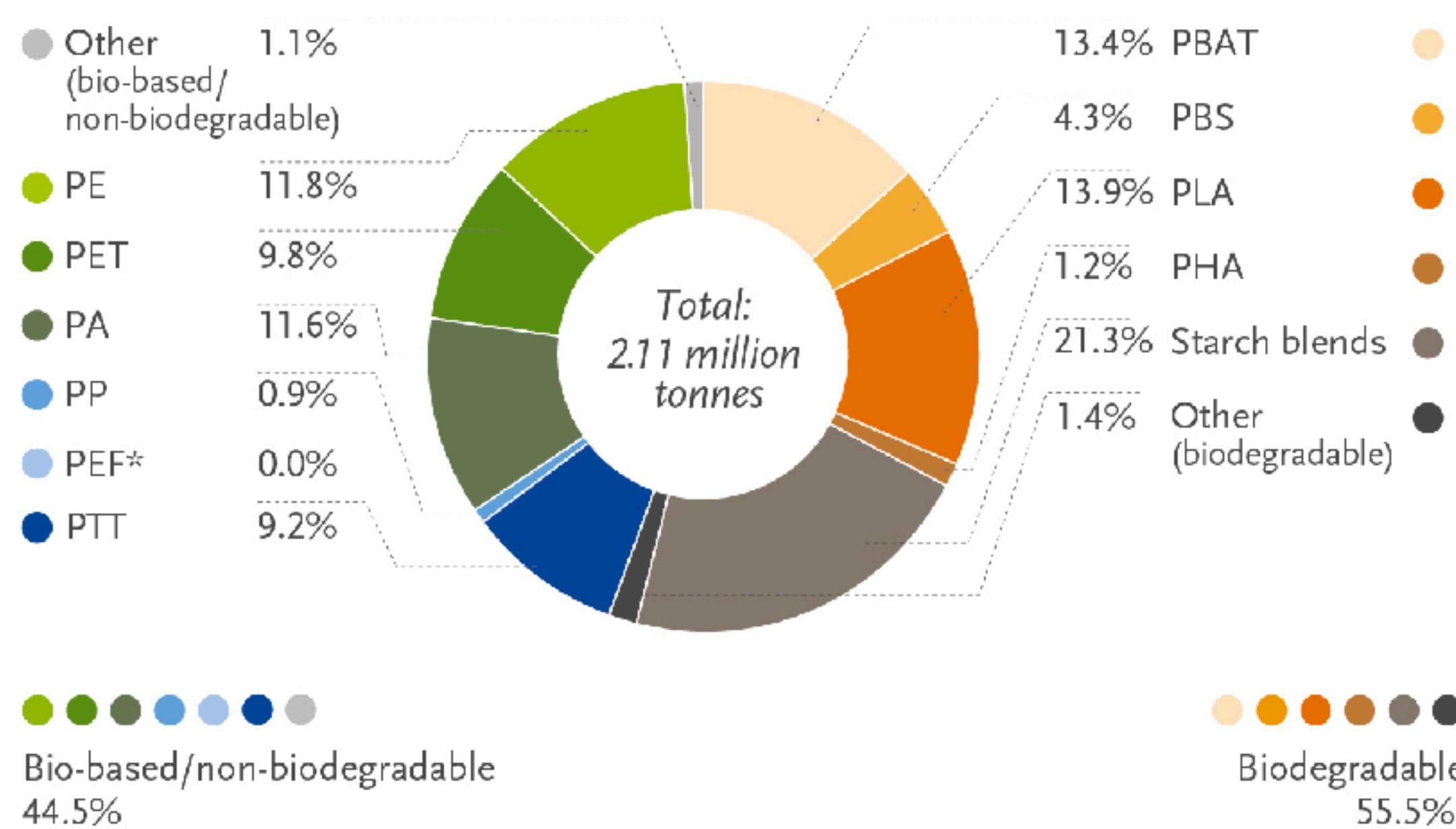
According to the latest market data that European Bio-plastics collected by cooperating with Nova-Institute, **the Eco-friendly Plastic of Eco-friendly Plastic is anticipated to increase from about 2.1 million tons in 2019 to 2.42 million tons in 2024.**

The Eco-friendly Plastic of Eco-friendly Plastic



Source : European Bio-plastics, nova-Institute (2019), More information <https://www.european-Bio-plastics.org>

The Global Productive Capacity of Eco-friendly Plastic 2019 by material type



The demand for biodegradable plastic is increasing, showing great growth.

Forecasts that PLA, PHA, Starch blends will lead growth.

Innovative Eco-friendly plastic such as PP and PHA shows the highest growth rate. Especially, the productive capacity of PHA will be raised more than 3 times within 5 years. PHA is a 100% biodegradable material and depending on the chemical composition it offers a variety of physical and mechanical properties. Biodegradable plastic (PLA, PHA, Starch blends, etc.) holds 55.5% (more than 1 million tons) of Global Productive Capacity of Eco-friendly plastic. **It is forecasted that production of biodegradable plastic will show steady growth more than bio-based PP.**

Source : European Bio-plastics, nova-Institute (2019), More information <https://www.european-Bio-plastics.org>

fact check

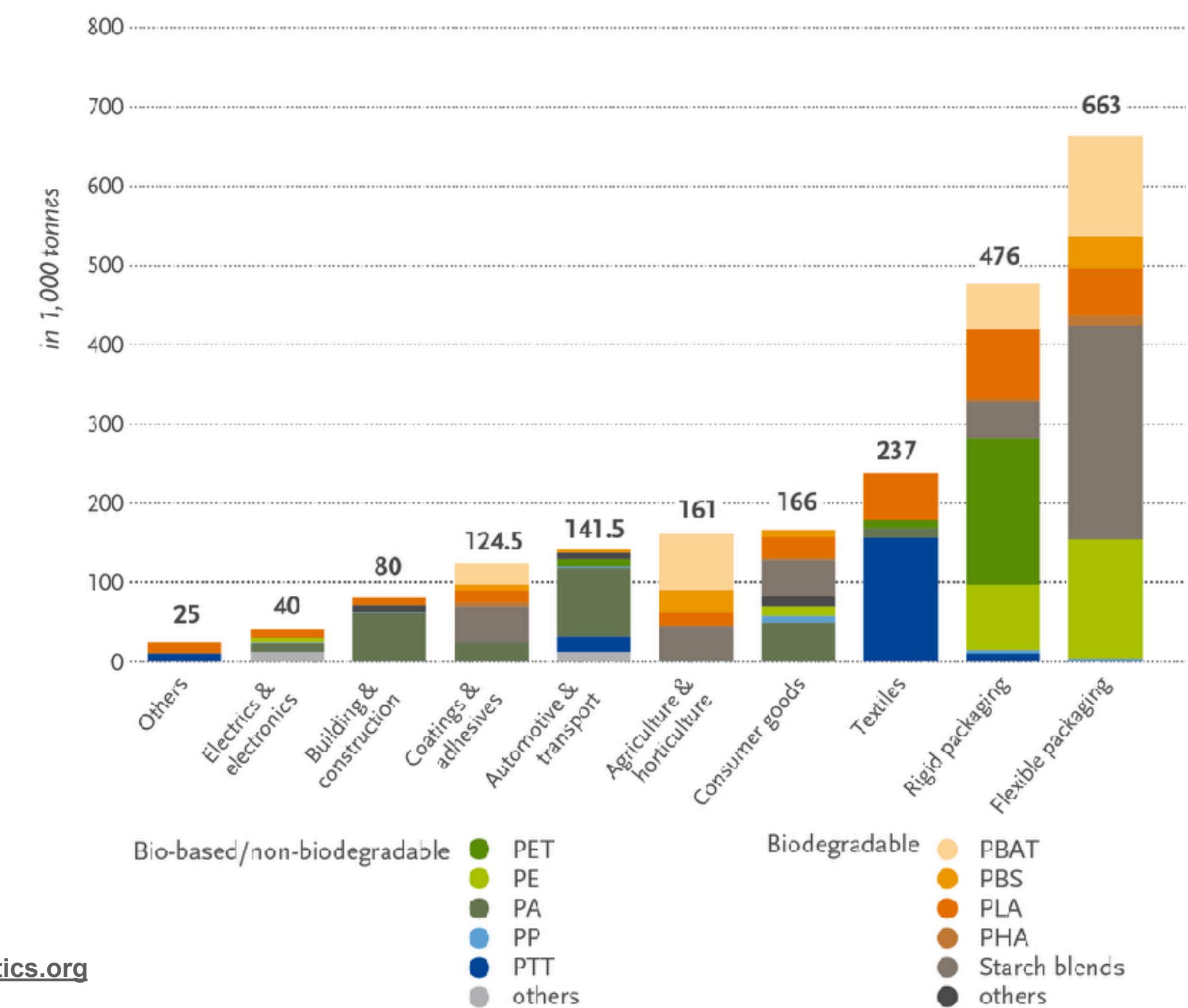
03

Packaging occupies 53% of the global Eco-friendly Plastics market

High demand for Starch blends and PBAT

Eco-friendly Plastic usage is increasing in a whole lot of market such as packaging, catering products, household appliances, automobiles, agriculture, gardening, toys, fabrics and many other sectors. In 2019, more than 53% (1.14 million tons) of the entire Eco-friendly Plastic market was occupied by packaging. **Packaging field is the biggest application of Eco-friendly Plastic and the demand in the area is clearly confirmed.** The most used raw material in packaging is Starch blends and then PBAT. As suggested earlier these raw materials are predicted to show continuous growth.

The Global Productive Capacity of Eco-friendly Plastic 2019 by material type



Source : European Bio-plastics, nova-Institute (2019), More information <https://www.european-Bio-plastics.org>

Europe has ranked the highest place in R&D of Eco-friendly plastic industry and is the biggest market in the whole world. Eco-friendly plastic production capacity in Asia has been continuously improved, producing 45% of total Eco-friendly plastic in 2019. **However, Asia is not surpassing Europe in the area of R & D yet.**

The Global Productive Capacity of Eco-friendly Plastic 2019 by region



Source : European Bio-plastics, nova-Institute (2019), More information <https://www.european-Bio-plastics.org>

Even Korea's national policy is supporting the growth of green business.



Solution



Then,

we need to produce PLA,
PHA, PBAT, Starch blends,
obtain R&D capacity and
branch out first to the
packaging area!



Buy the future of our earth.
GreenB will be your partner!



About Eco-friendly brand GreenB?

Biodegradable Plastic Professional Brand

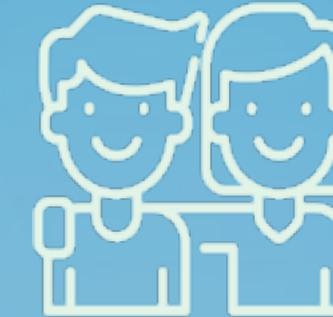
GreenB's Biodegradable Technology is the Best in Korea



Fully biodegradable plastic
within 6 months



Prevent global warming
by reducing carbon dioxide



All safe from
Hazardous Substances



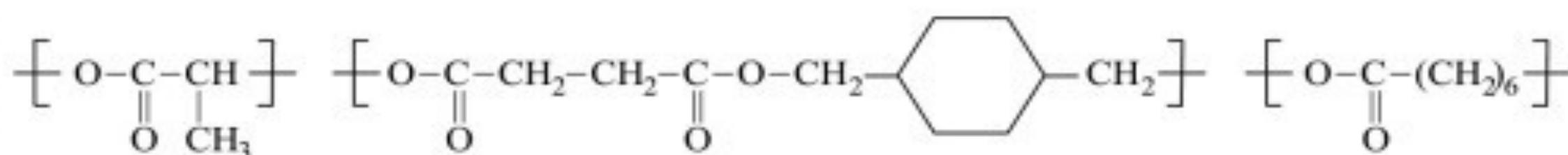
A virtuous cycle of sustainable
circular economic resources

Biodegradable plastic is a natural circulation material that returns to the nature made by biodegradable resin (PLA, PBAT, PBS) with a special kneading method. Currently, petrochemical plastic product takes 500 years to be fully decomposed while biodegradable plastic has reduced this to 6 months. GreenB is a biodegradable resin manufacturer that possesses compounding technology to secure competitiveness in the domestic market. **GreenB has built its own technology for compounding (biodegradable material synthesis)**, so it can produce various products such as packaging products, disposable containers, films, sheets, injection products, etc.

GreenB directly manufactures PLA, PBS, Starch blends and PBAT and commercializes it.

What is biodegradable plastic?

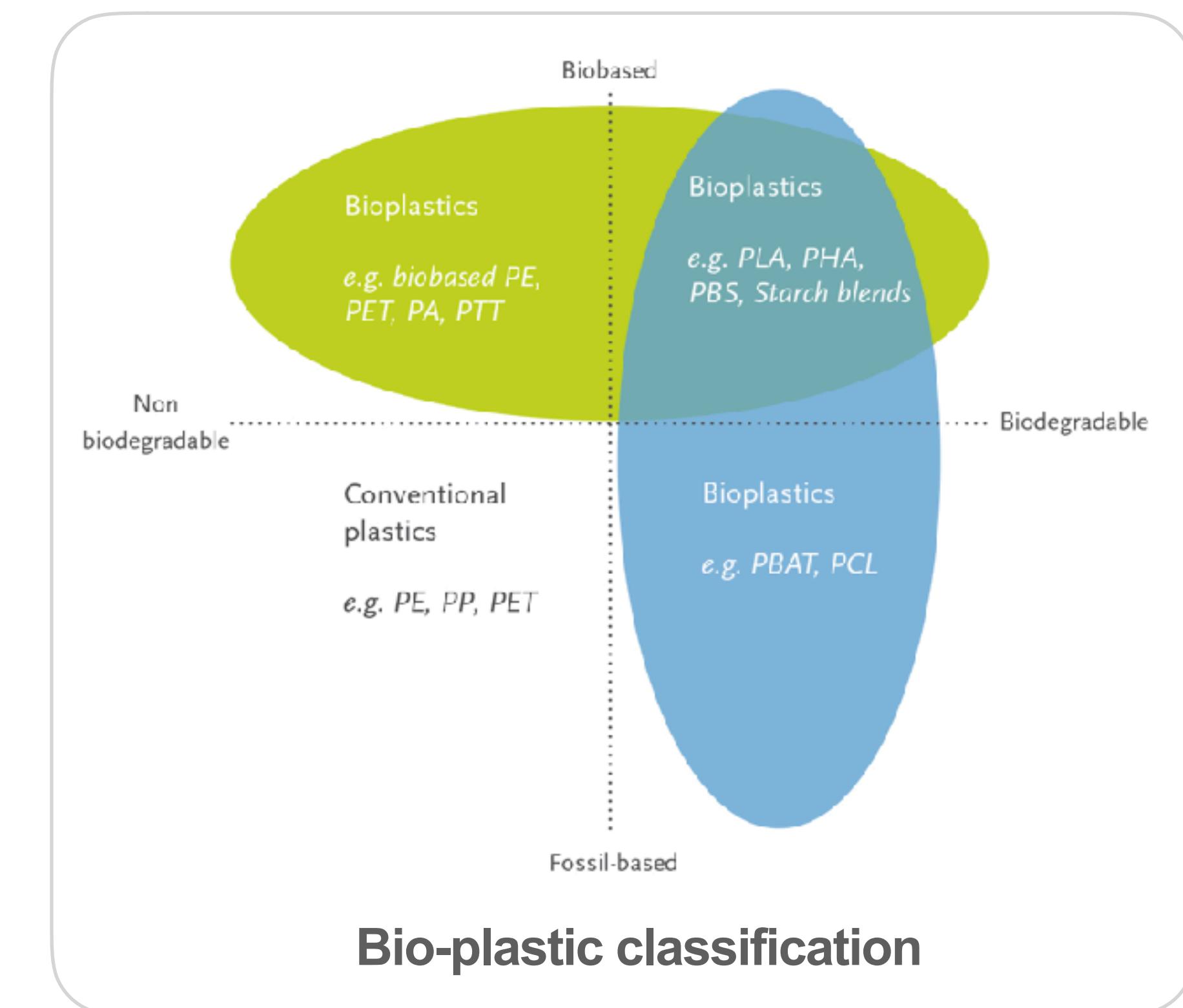
Biodegradable plastic is plastic completely decomposed into the water, carbon dioxide, methane gas etc. when buried by the action of microorganisms within a few months (0.5 to 2 years; 50 to hundred years for general plastics). Instead of incinerating plastics such as molded products, packaging products, hygiene products, agricultural products at the time of disposal.



Poly (lactic acid)

Poly(CHDM succinate)

Polycaprolactone



Source : European Bio-plastics <http://www.european-Bio-plastics.org>



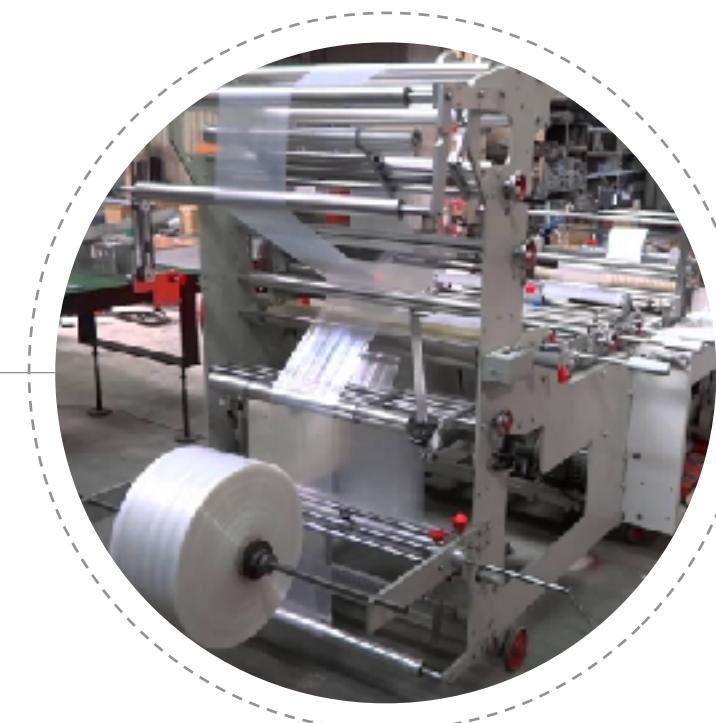
Business and facilities

Securing productivity of vertical integration structure



Direct Production of Biodegradable Resin

- Direct operation of production facilities
- Possess compounding (biodegradable material synthesis) technology



Direct Production of Biodegradable Plastic Products and Bags

- Raw material direct import
- Custom made



Sales and Export

- Own logistics system
- Productive capacity for emergency & huge supply

Korea's only One-stop Process from biodegradable resin production to post-processing

The recipe is formulated and then cut after extrusion and cooling.

Biodegradable Resin Production



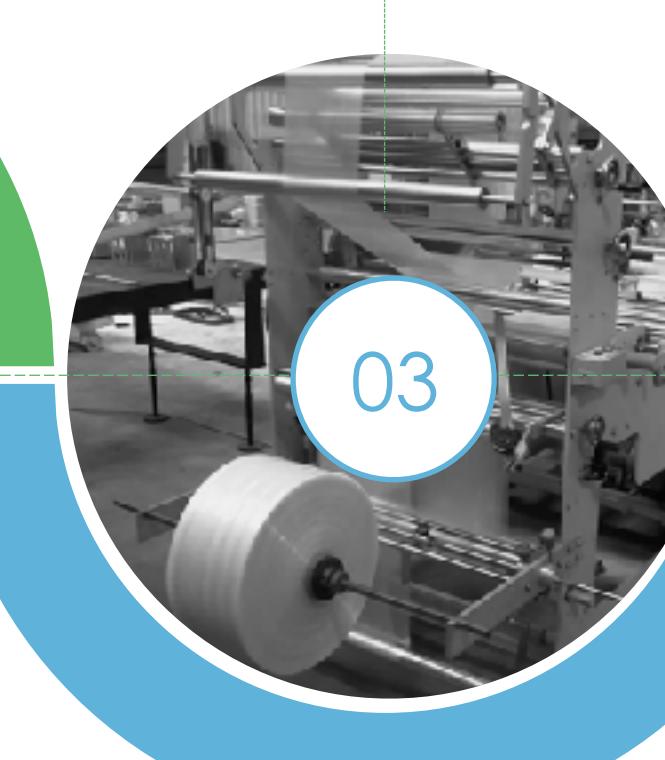
01



02

The biodegradable resin is melted in an extruder, made into a tube, and then cooled again.

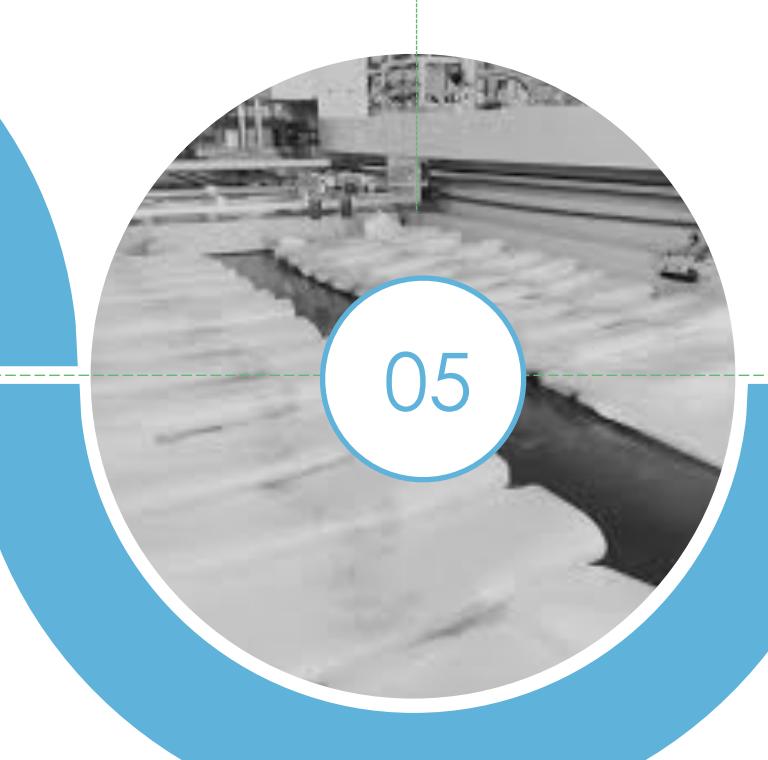
Extrusion



03



04



05

Make the product by processing it to the desired standard and feature

Machining(Cut)

Inspection and Packing

Dispense according to capacity after checking the quality of the biodegradable resin.

Gravure Printing

Printed on plastic fabric with copper drafted as a design draft

We Plan to Preoccupy the B2B Market by supplying high quality and reasonable prices.

Technology of biodegradable plastic bags and construction of manufacturing facilities

Provide high quality product by constructing rich tech and latest tech equipment to produce biodegradable plastic bags

Possess Certification from Ministry of Environment with other Environmental Certification

Acquired ministry of environment EL 724 biodegradable resin and plastic bag certification and ISO environmental management quality certification

10years Experience in Suppling Raw Material

Stable supply and system of a company recognized for its ability operating 10-year raw material supply business



Establish Biodegradable Plastic Resin Tech

Securing a variety of excellent biodegradable resin by operating rich technology

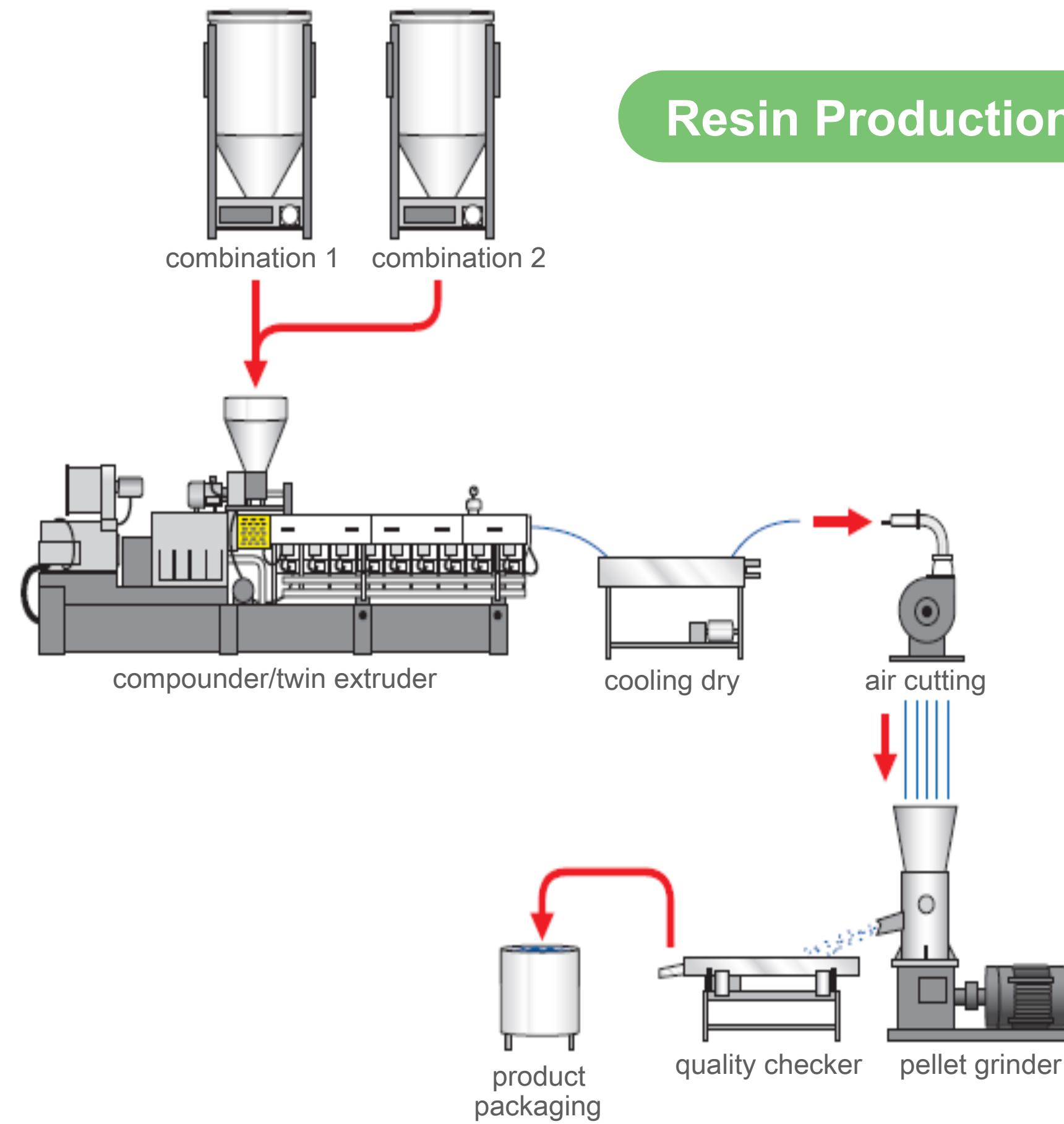
Establish Vertical Production System

Secure price competitiveness for raw materials through vertical operation from raw material purchase to logistics

Production and Printing without Outsourcing

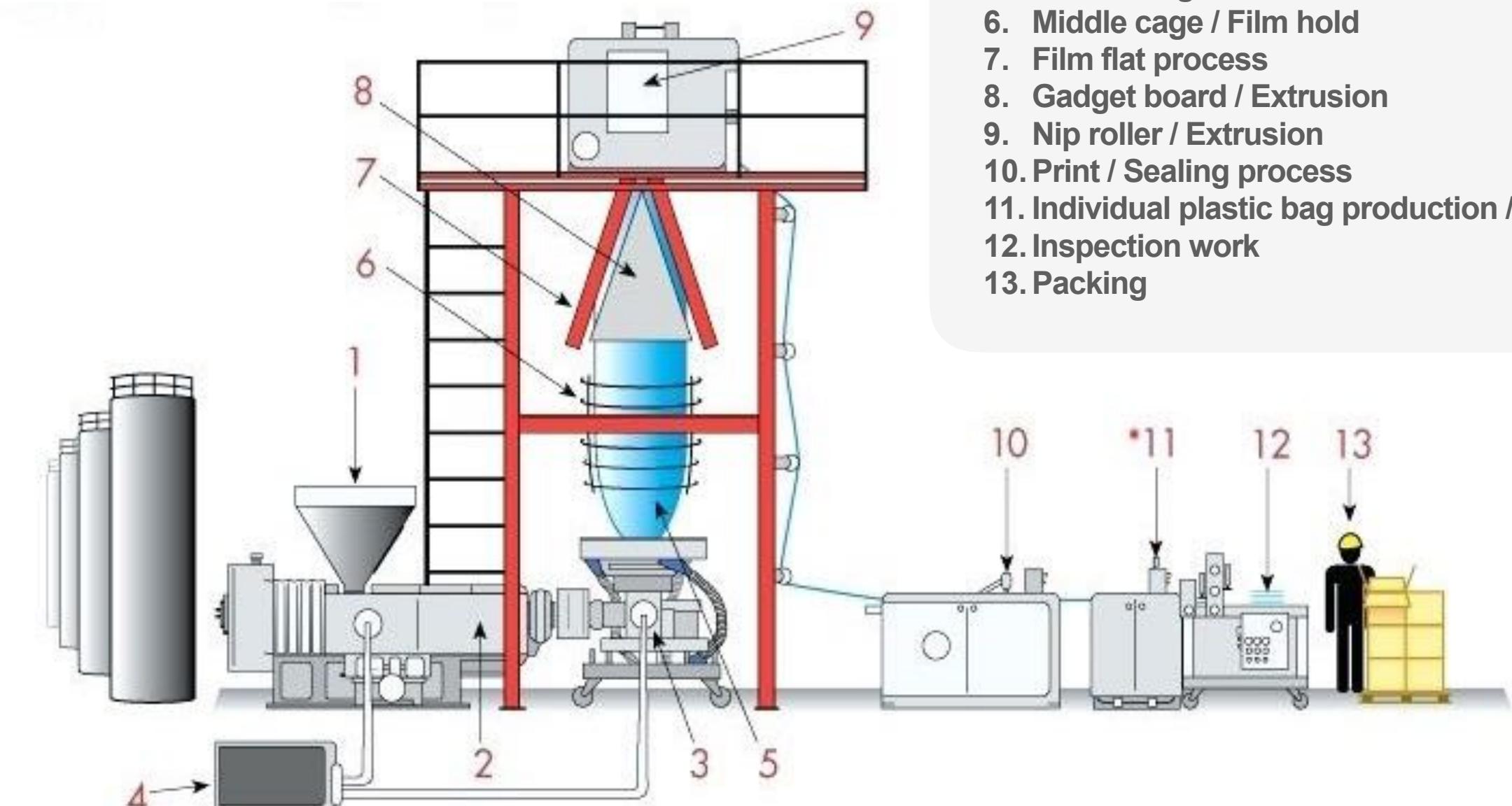
A direct production method that assures quality from biodegradable resin to biodegradable bag production and printing

GreenB's Biodegradable Resin and Plastic Bag Production Process



Resin Production Process

Plastic Bag Production Process



100% natural
decomposition
within 6 months

01

Can produce
various complete
products

02

Same quality as
conventional
compound resins

03



Global Competitiveness & Technology, Eco-friendly Biodegradable Compound Resin

Compound Resin with EL724 Certification

GreenB has the technology to produce compound resin for multipurposes.

- Disposable plastic bag
- Straw
- Air cap
- Agricultural mulching film
- Cosmetic

GreenB's Biodegradable Compound Resin



GreenB-20190910AB

Film Resin

Various resin for film



GreenB-20190910AC

Injection Resin

Various resin for injection



GreenB-20190910BB

Straw Resin

Biodegradable straw resin



GreenB-20190910CC

Other ResinCan develop
biodegradable resin

100% natural
decomposition
within 6 months

01

02

Equal quality as
original plastic

03

Eco-friendly water-
based ink gravure
printing



Eco-friendly Biodegradable Complete Product far beyond General Biodegradation

EL724 Certified Free Distributable Product

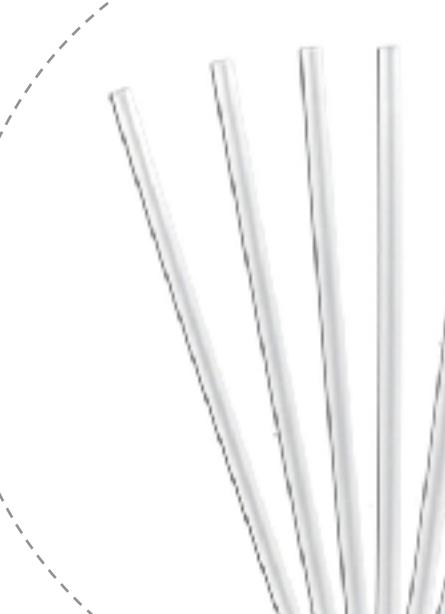
GreenB's biodegradable plastic bags are available in a range of sizes and thicknesses.

- Plastic bag
- Wrap
- Plastic shopping bag
- Bowl
- Straw
- Tablecloth
- Roll bag
- Air cap
- Cotton pad
- Scrubbing pad

GreenB Biodegradable Complete Product



Plastic Bag



Straw



Cup Lid



Cup+Lid



Packing Straps



Pleated Straw

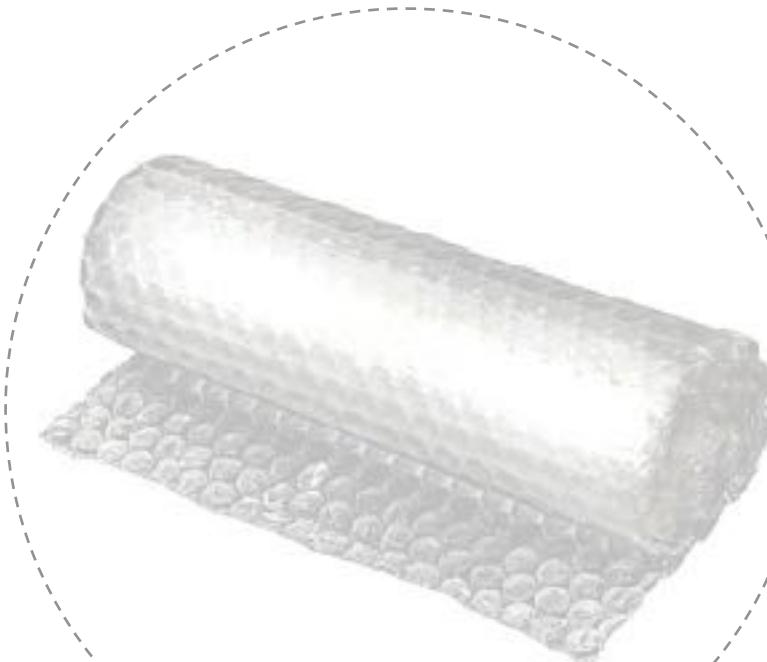
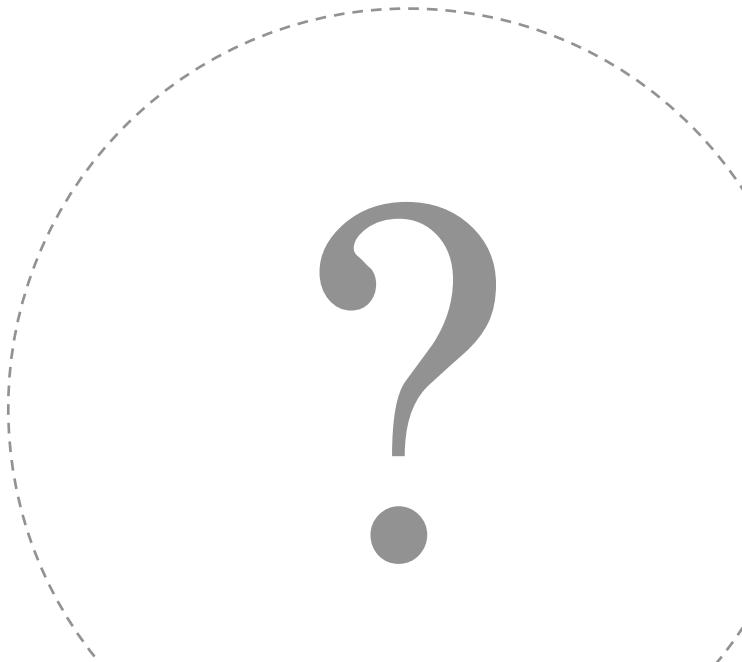


Cotton Pad+Tissue



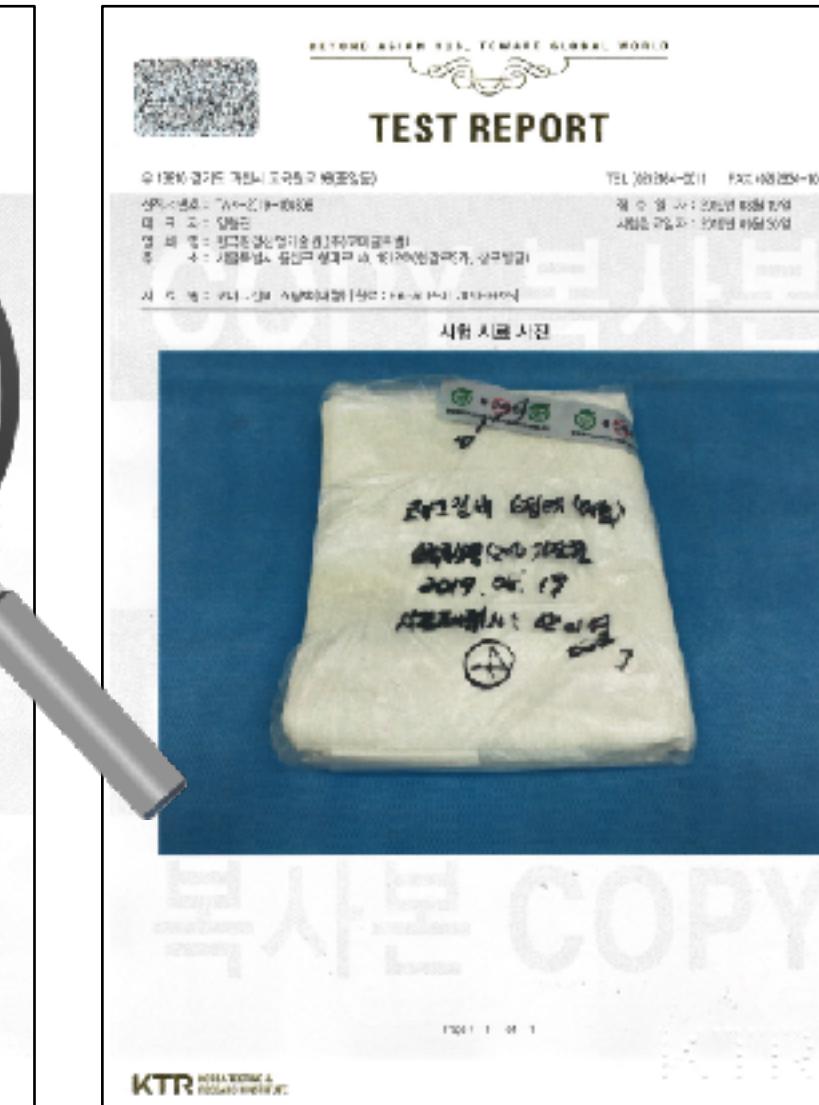
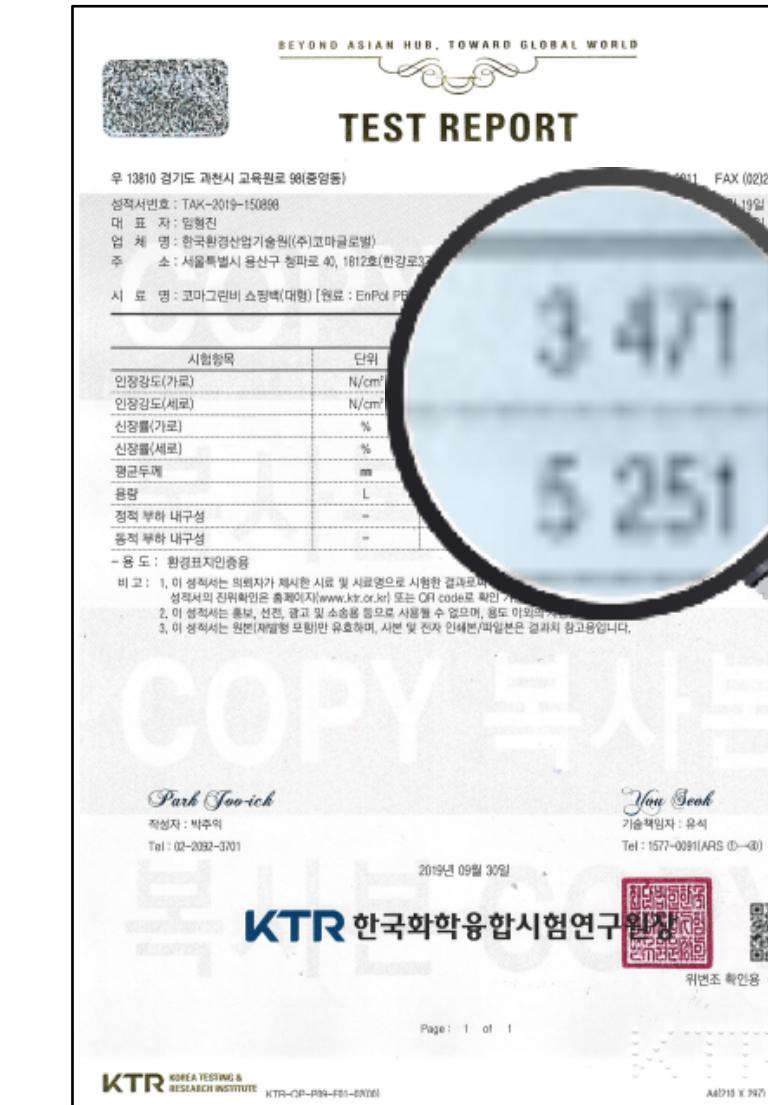
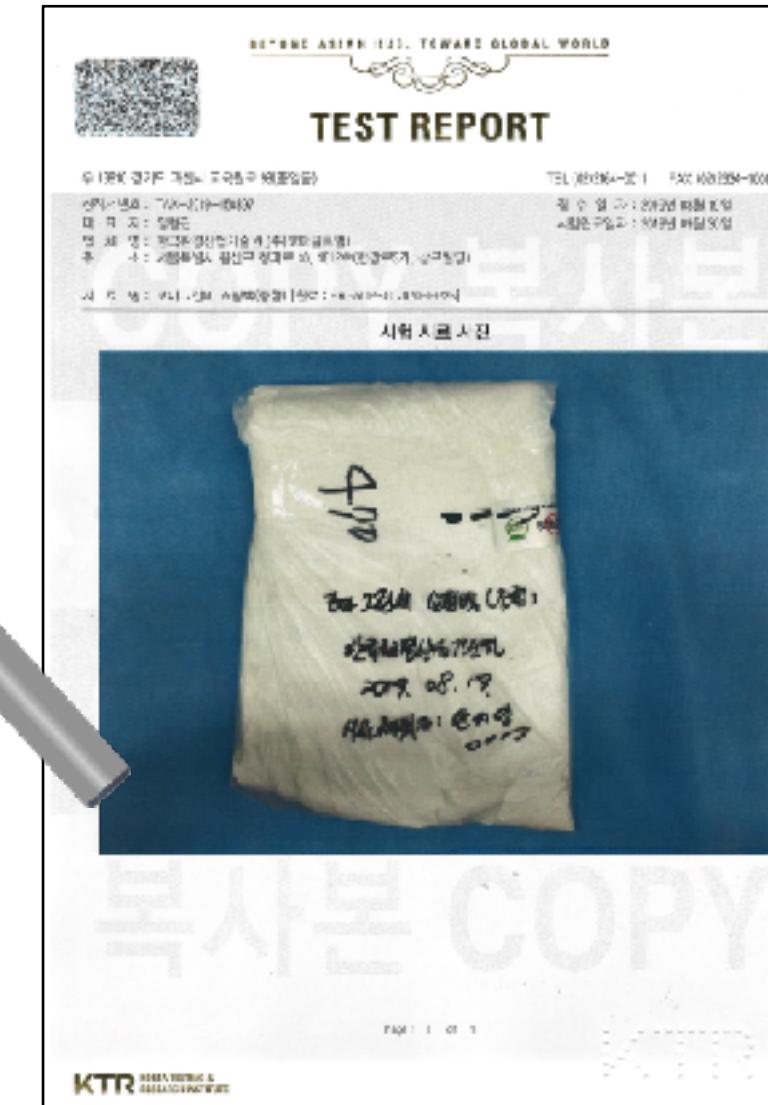
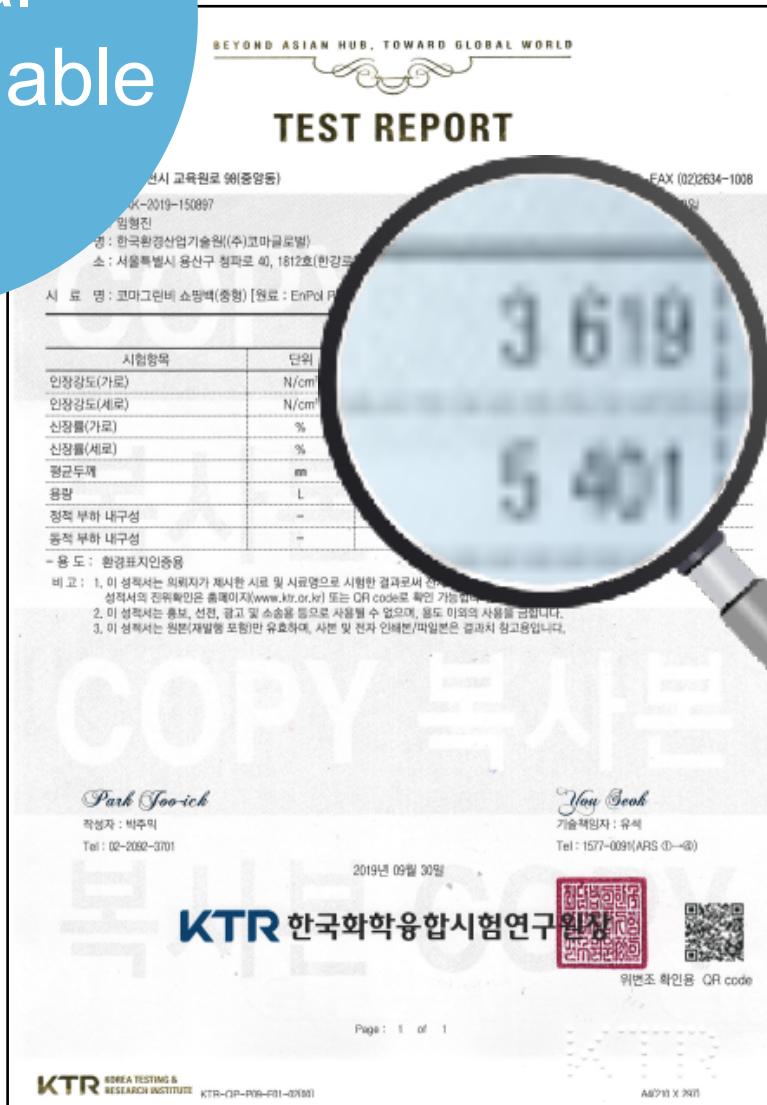
Roll Bag

GreenB Biodegradable Complete Product

**Bowl****Wrap****Disposable Plates****Disposable Tablecloths****Air Cap****Packing Tray****Scrubbing Pad****Custom Made**

GreenB Biodegradable Plastic has a tensile strength that rivals Original Plastic

Outstands
original
biodegradable
vinyl

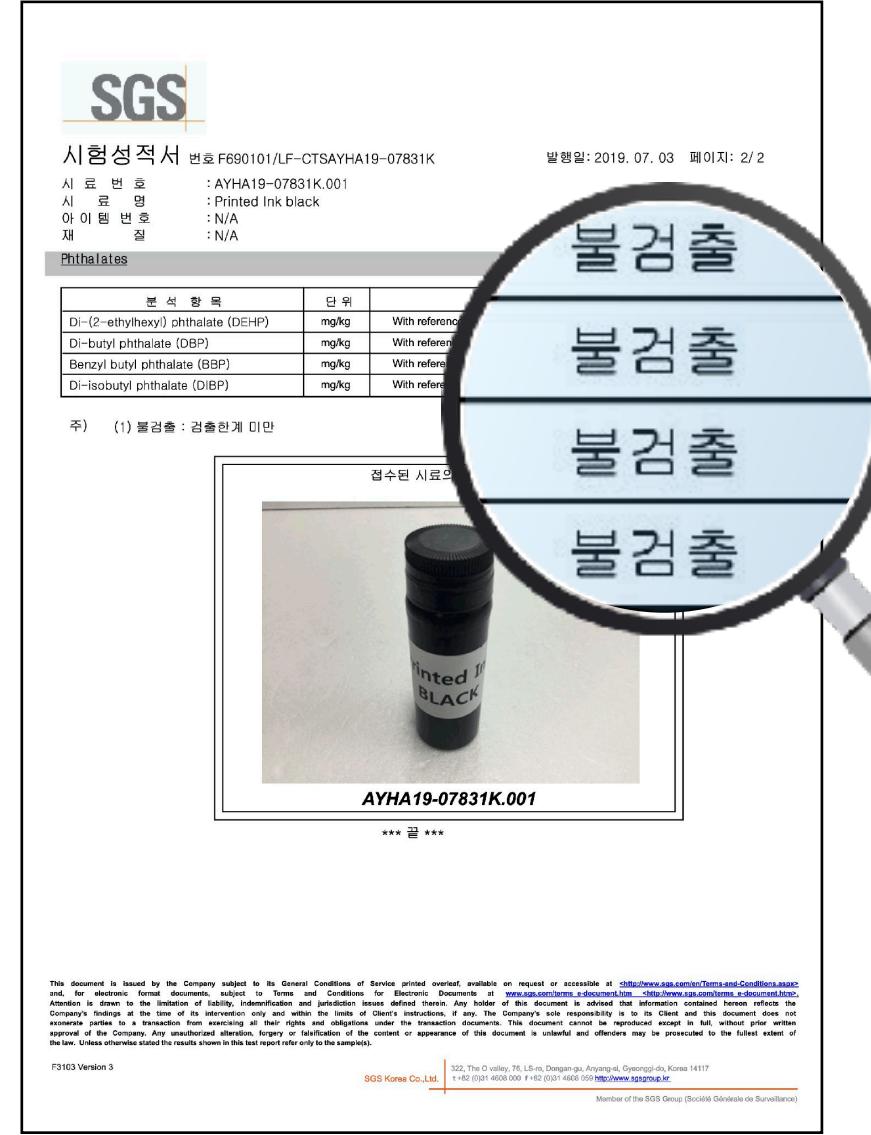
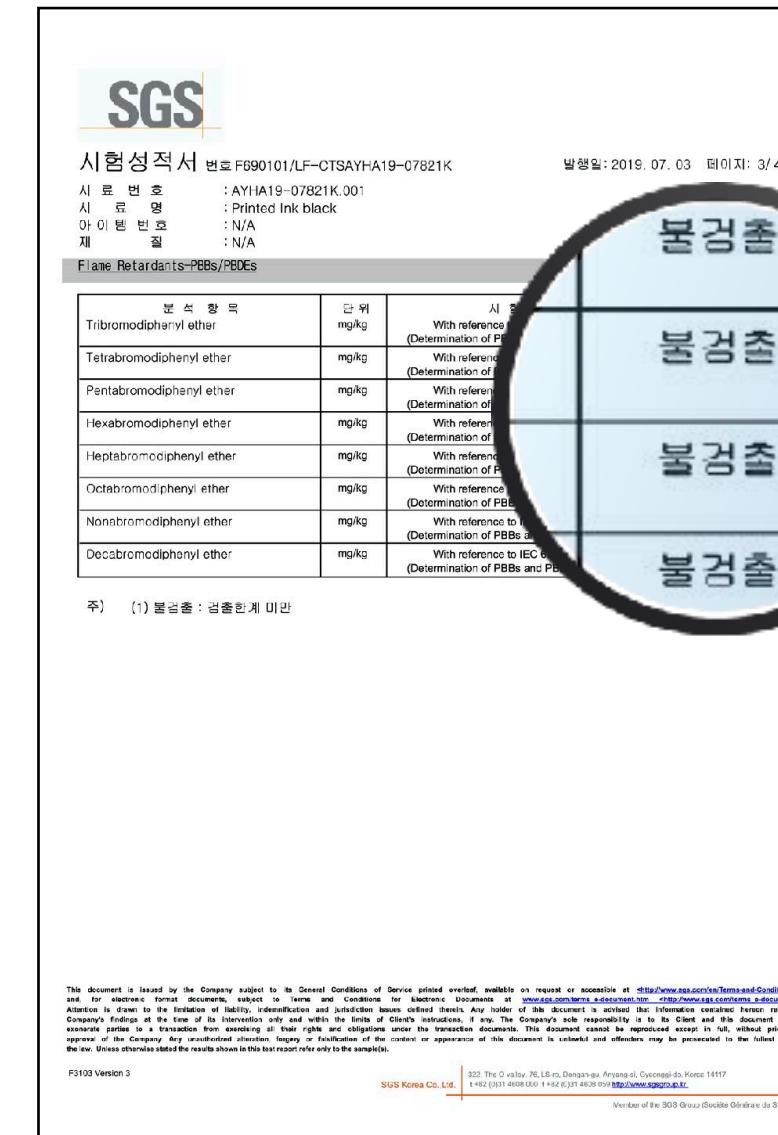
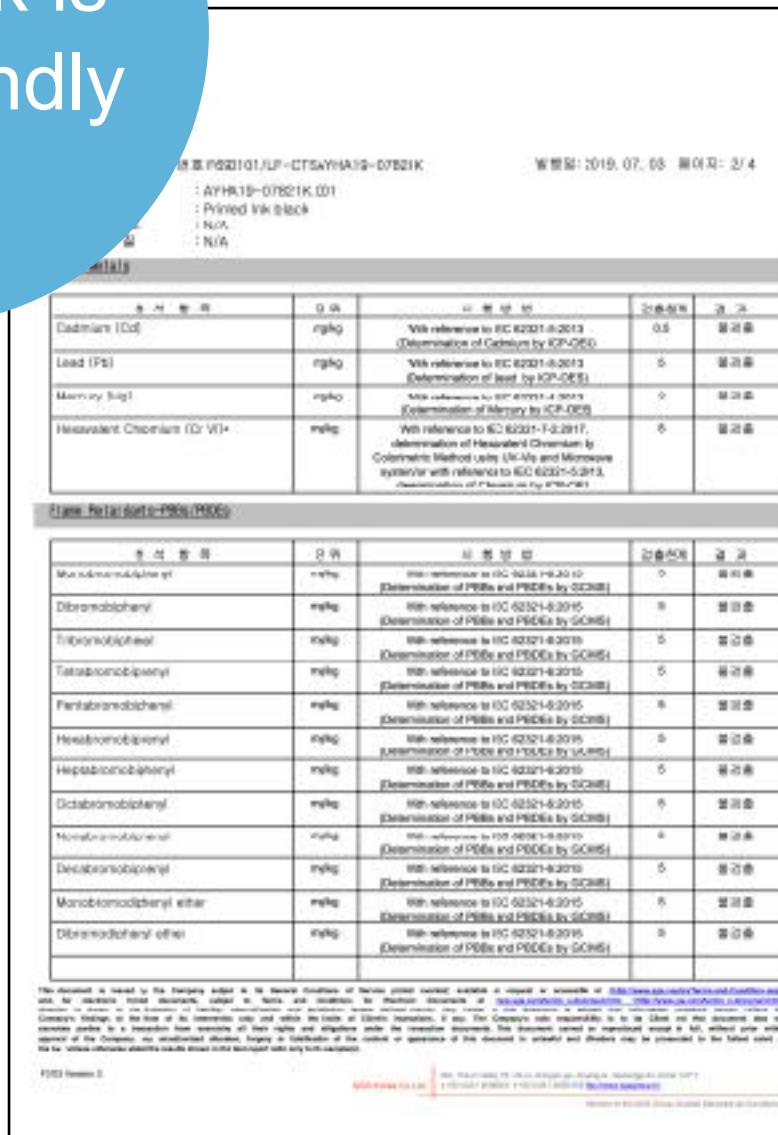


KOMA GreenB Plastic Shopping Bag
(Middle size)

KOMA GreenB Plastic Shopping Bag
(Big size)

GreenB Biodegradable Plastic Bag is more Eco-friendly by using water-based ink

Even ink is
Eco-friendly



ROHS Korean Test Report

Phthalate Korean Test Report

Buy the future of our earth.
GreenB will be your partner!



Company

Corporation KOMA GLOBAL

Trusted Company with Brilliant Quality, **KOMA GLOBAL Co., Ltd.**



A company that grows with customers with global advanced Eco-friendly new material and product for the planet

KOMA GLOBAL Co., Ltd. has a foundation of in-house manufacturing by securing compound technology for producing products (biodegradable plastic, biodegradable resin), possessing technology, transferring corporate's technology and agreeing to patent partnership and finally built a manufacturing facility in September 2019.

We promise to supply excellent products, reasonable prices and transparent operation by manufacturing biodegradable plastics and securing vertical productivity of complete biodegradable plastic.



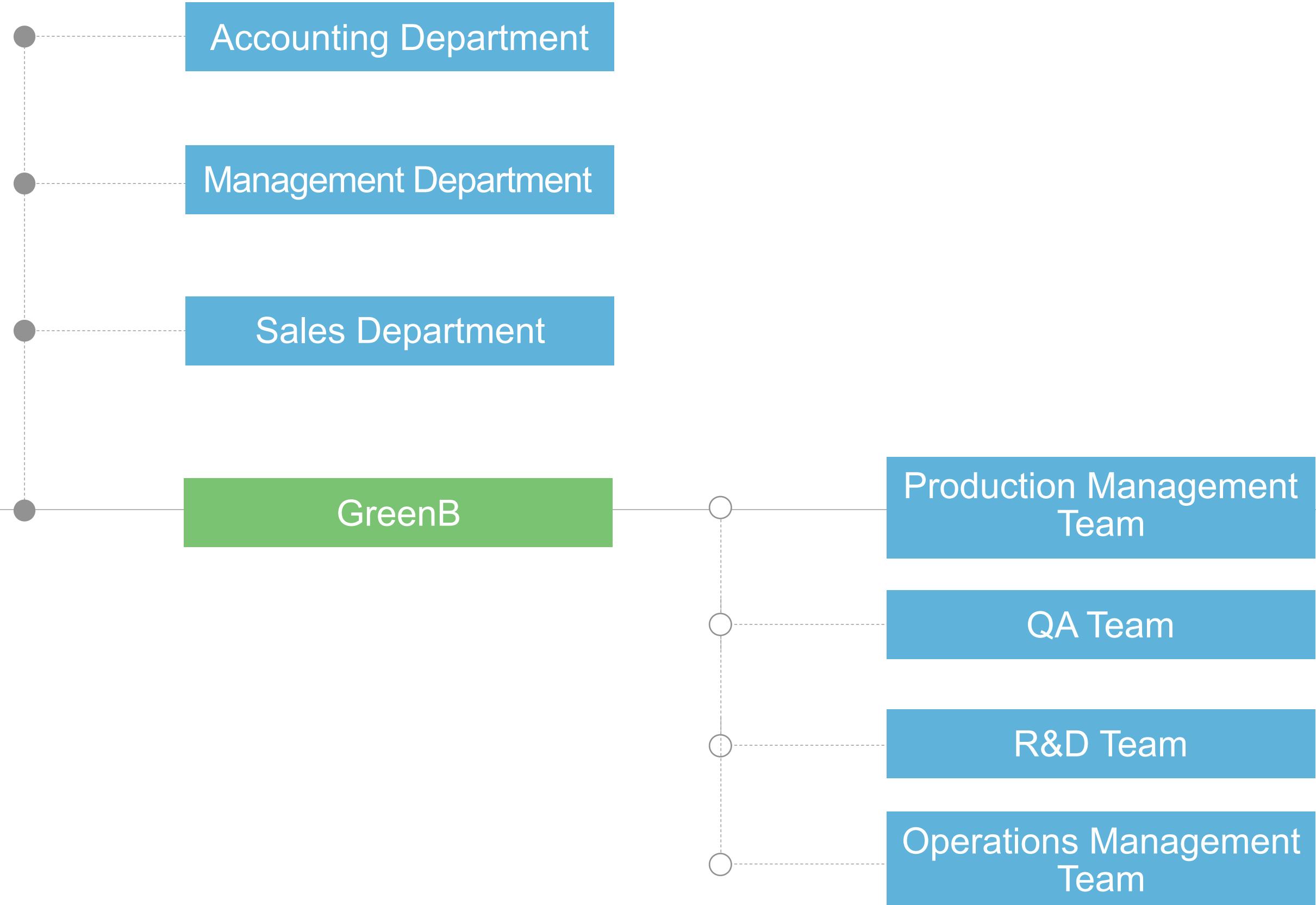
Company Name	KOMA GLOBAL Co., Ltd.
Company Registration Number	211 – 88 - 44402
Date of Foundation	May 2010
CEO	Hyoung Jin Lim
E-mail	hj.lim@komaglobal.com
Office phone	02 – 337 – 3399
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Factory	647-4 Da-dong, Gahyeon-ri, Tongjin-eup, Gimpo, Gyeonggi Do, Korea.
Singapore	#04-12 Primz Bizhub, 21 Woodlands Close, Singapore 737854



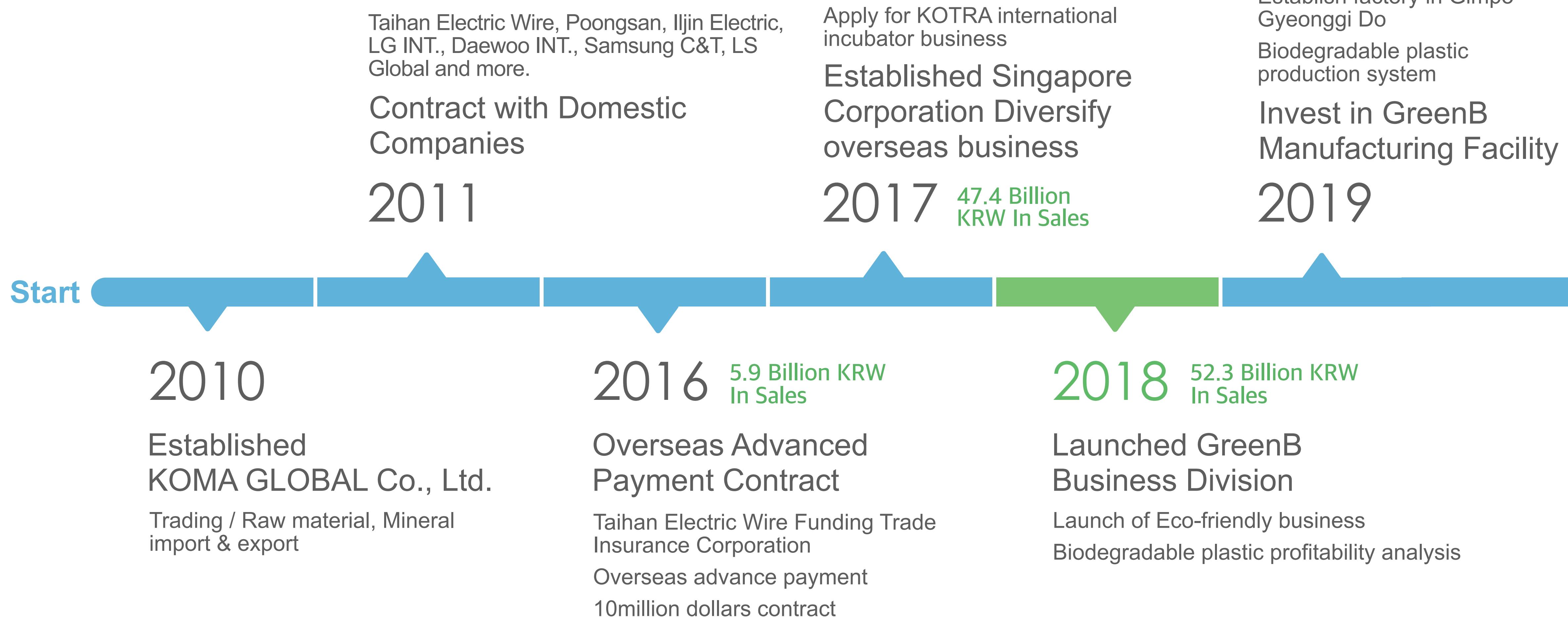


Organization

KOMA GLOBAL
Co., Ltd.



The path of KOMA GLOBAL Co., Ltd.



Trust Based Management is our Top Priority

01 | Trust

Strict compliance with supply schedule

Give trust on supply schedule by strict management with production schedule

02 | Verticalized Operation

Can respond to customer's urgent request

Production can be increased during request for not only urgent quantities but also mass production



03 | Secure Raw Material

Build stable basis by securing enough raw material

Secure production basis with stabilized supplication by directly managing supply & demand for raw material

04 | Quality Management

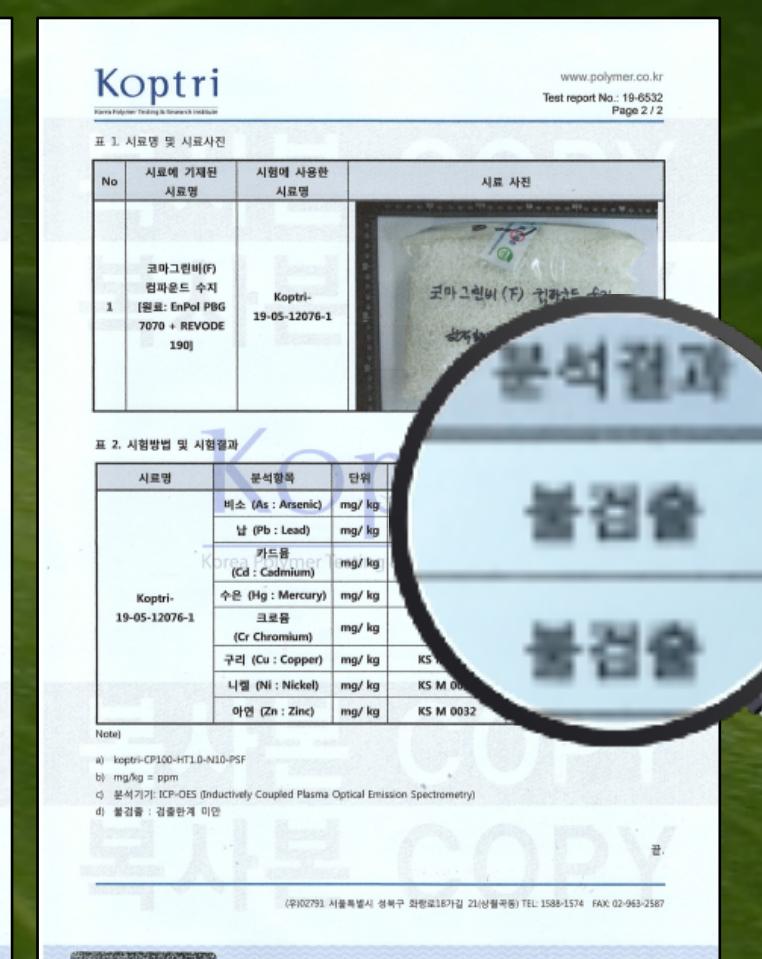
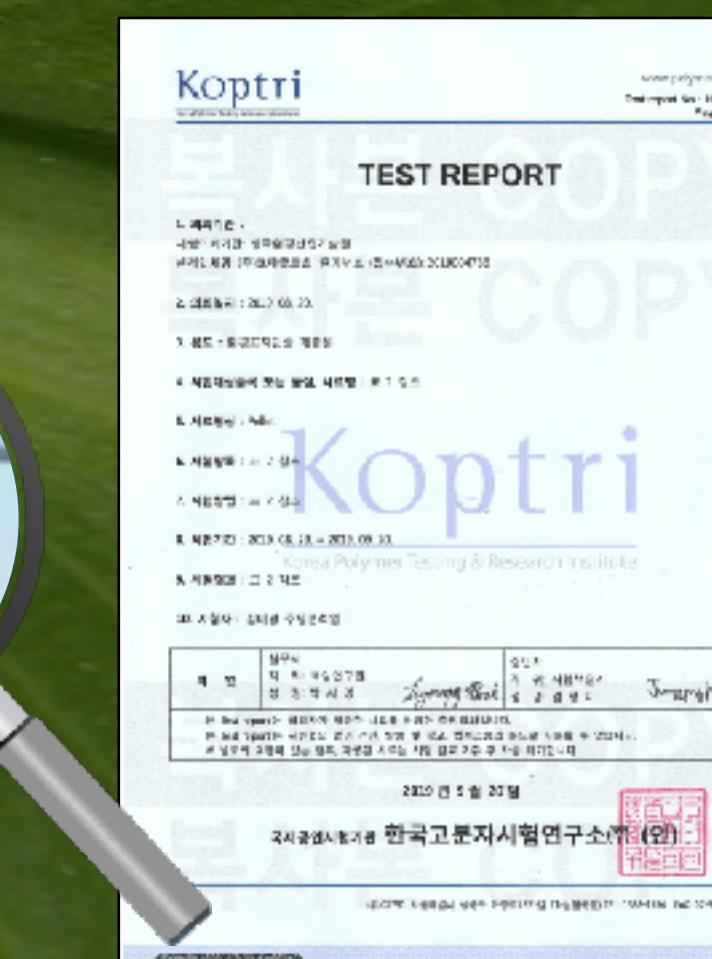
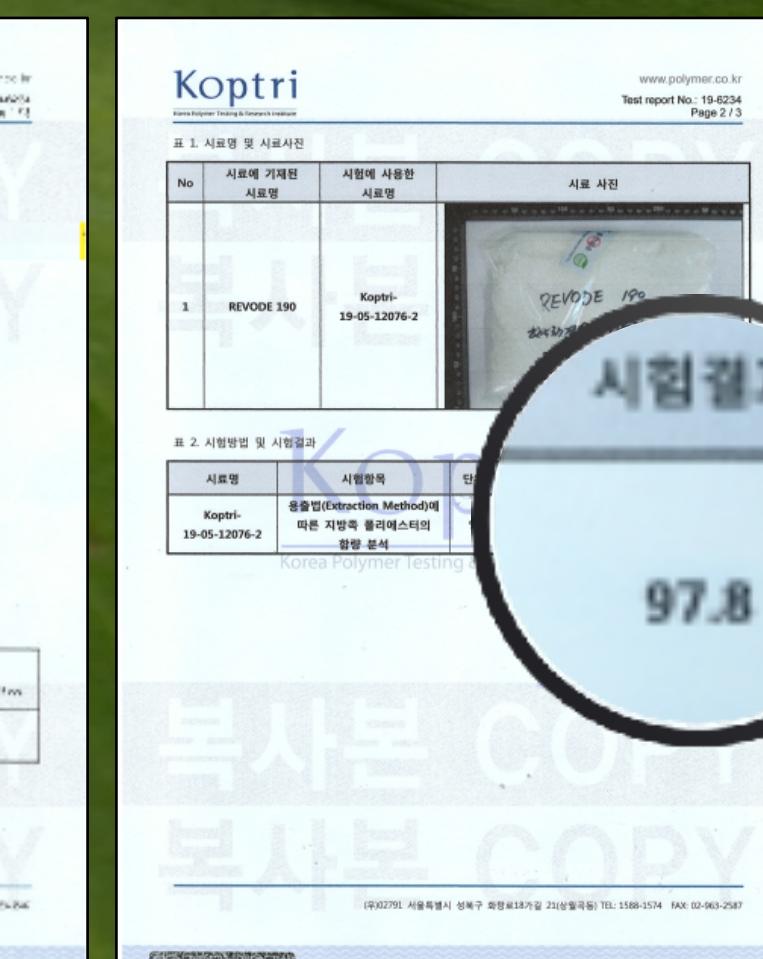
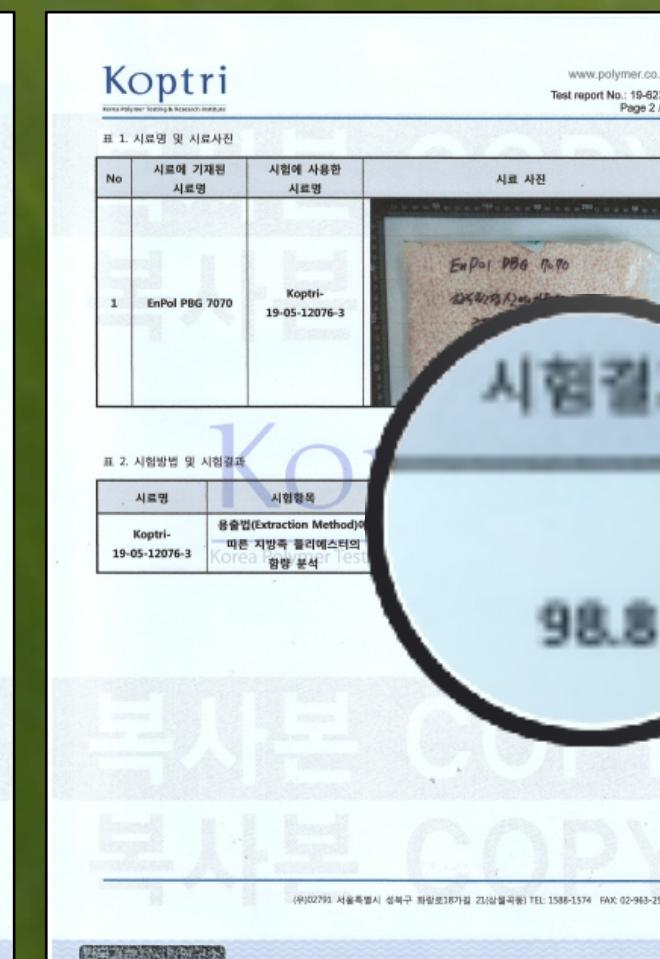
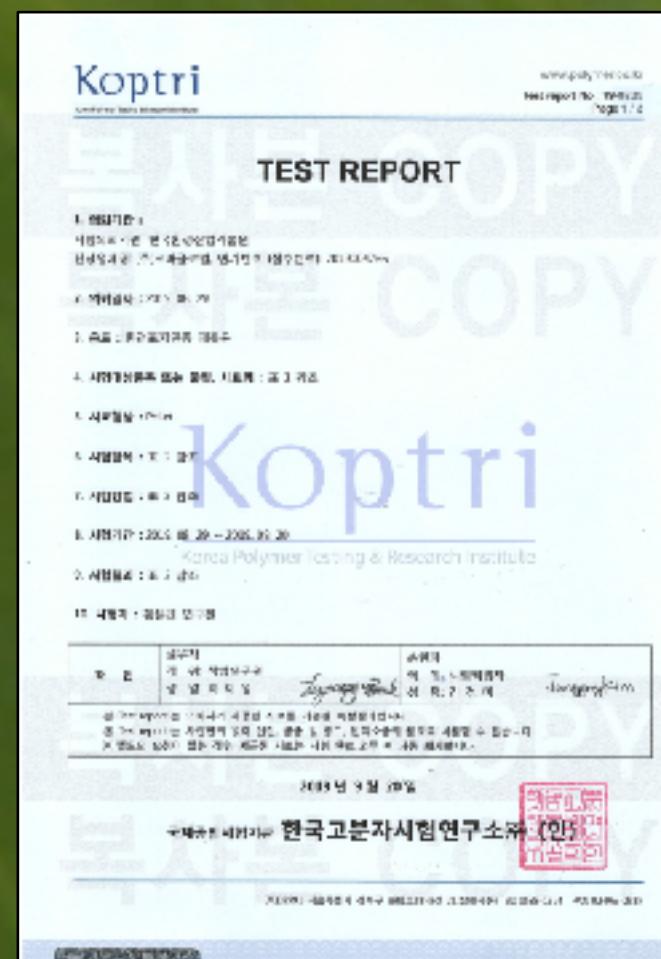
Production of biodegradable resin to complete product

Strict system operation for direct quality control from biodegradable resin to complete product

GreenB has a Unique Biodegradable Technology



Biodegradable Resin Production Technology was also recognized.



Polymeric Test Certificate_GreenB(F)
Biodegradable Resin

Polymeric Test
Certificate_REVODE 190

Polymeric Test
Certificate_EnPol PBG 7070

GreenB will help change the future of our earth!

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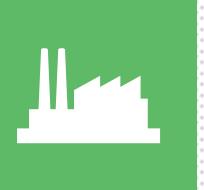
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THANK YOU for PURCHASE &
HAVE A NICE DAY

