



Zero carbon sustainability study

O'right International Co., Ltd |
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Present : O'right International Co., Ltd Sustainability and risk management Deputy General Manager

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Experience : O'right International Co., Ltd Greater China Deputy General Manager

O'right International Co., Ltd

Associate Manager

United Information System Service Co., Ltd

Associate Manager

Xielida International Group

COO

Era Group

Project Manager

Aiqun Technology Co., Ltd

Project Manager





Agenda

Main-Stream

New study focus

The Future = Zero Carbon

Zero carbon future

Innovative

Green competition theory of
O'right



Who We Are

O' right has never been just a company that sell hair-caring products, It is good for not only human beings, but also the society and earth.



All brands will have to be
environment friendly
sooner or later

Ge Wangping 2006







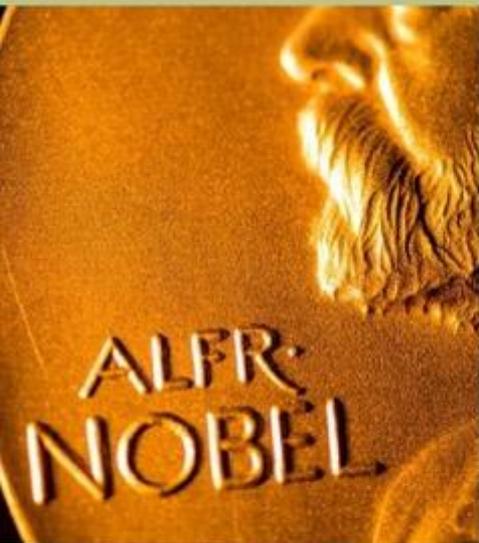






gogoro





2018 Nobel Prize in Economics

Zero carbon
sustainable &
innovation



IPCC report

Control the
temperature to rise
within 1.5 ° C



COP24

Formulating the
implementation
guidelines of the Paris
Agreement

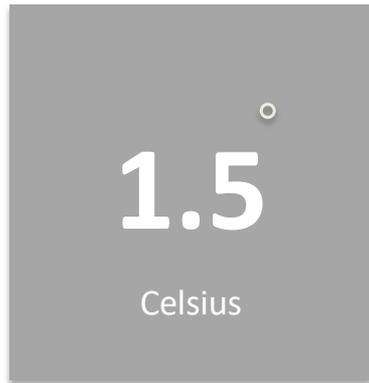


SDGS

The United Nations
Sustainable
development goals

Changing the world's milestone - Paris Agreement and sustainable development goals

Paris agreement (2015~2030)



SDGs 2015~2030





CO₂ concentration

The key index of human survival

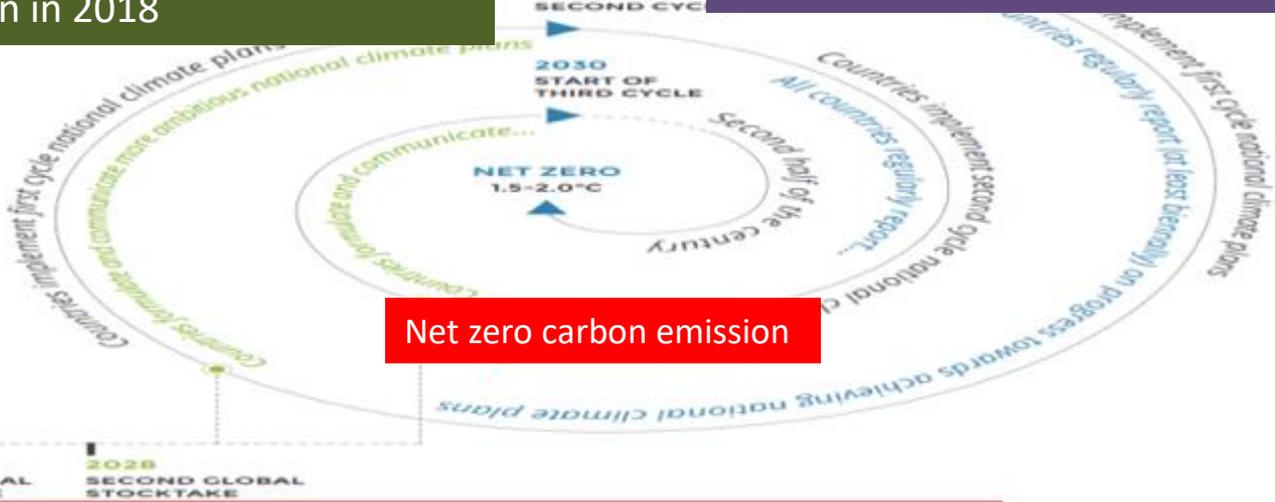
The main cause of global climate change comes from human activities after the industrial revolution. The rapid increase of CO₂ concentration will bring about a devastating impact on human beings.

Five-year review of Paris Agreement: towards net zero carbon

2015 Paris Agreement adopted
2016 Paris Agreement opens for signature for one year
175 countries sign on the first day
2018 Dialogue on progress towards net zero trajectory
2020 NEW OR UPDATED NATIONAL CLIMATE PLANS BROUGHT FORWARD
START OF FIRST CYCLE UNDER PARIS AGREEMENT

Discussion on how to achieve net zero carbon emission in 2018

New climate plan for all countries proposed in 2020



2023 FIRST GLOBAL STOCKTAKE
2026 SECOND GLOBAL STOCKTAKE

Innovative The **green** competitive theory of O'right



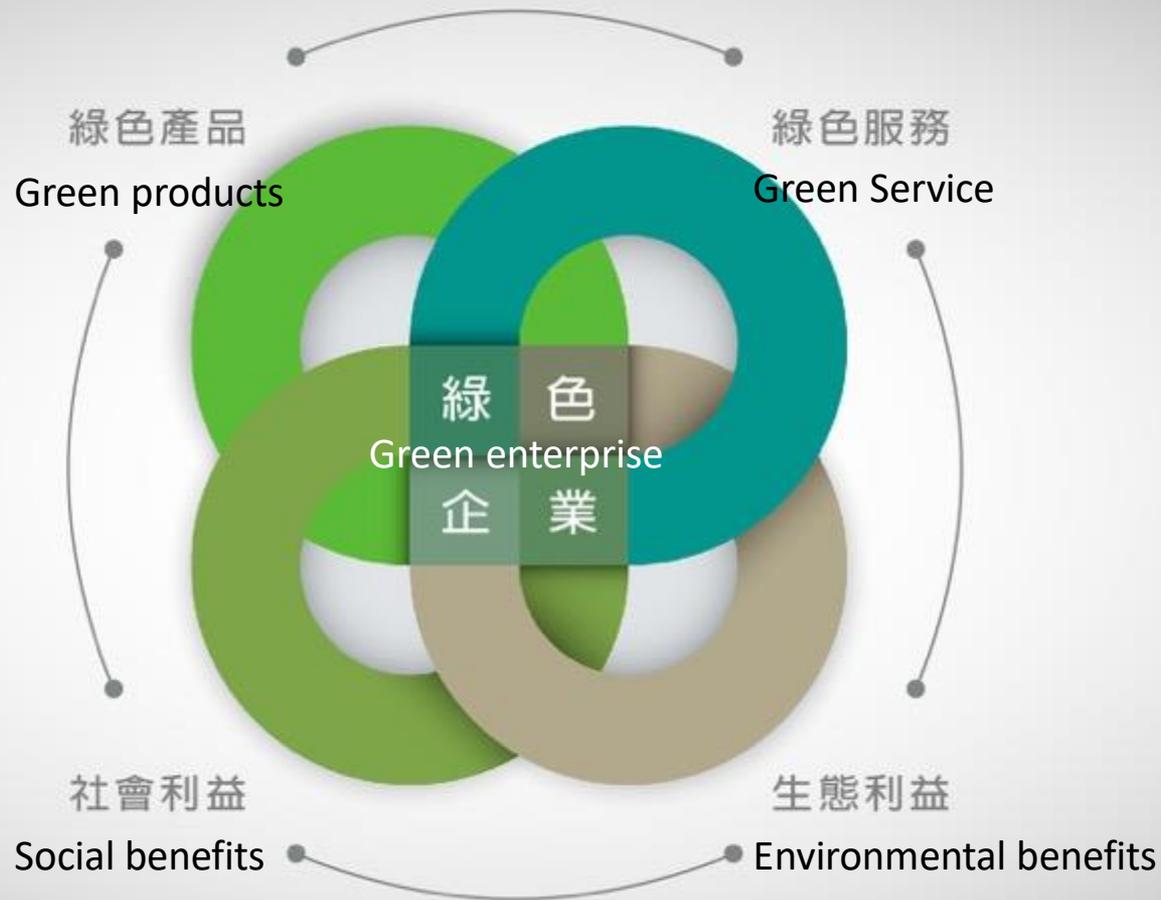
There is only one conclusion of the strategies of all countries: reduce of carbon emission

Zero carbon means zero environmental impact

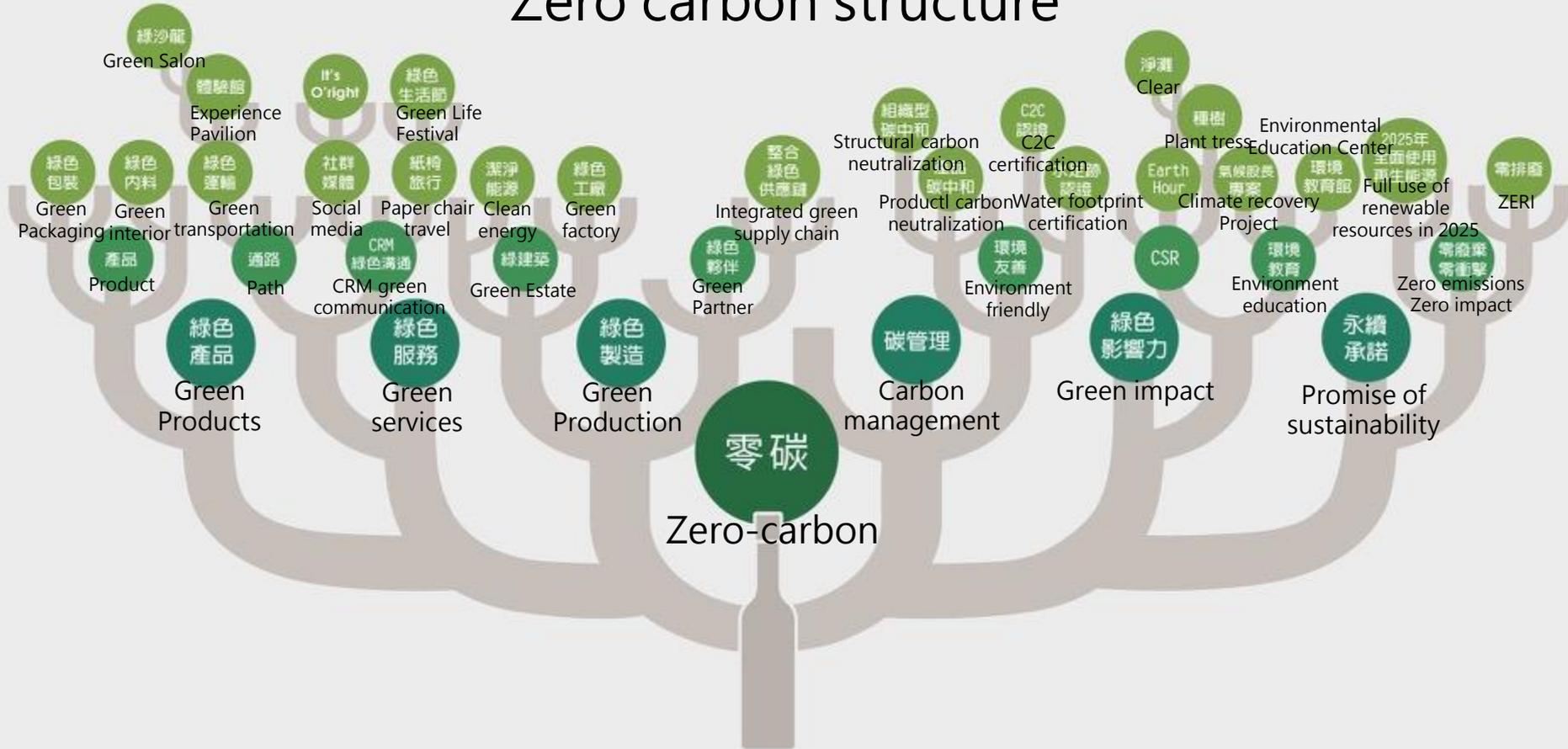
「綠色永續創新」

Green and sustainable innovation





Zero carbon structure



O'right is committed to implementing the SDGs goals of the UN



Green
raw
material

Take the lead in formulating new green standards for
bathing products

Not adding 8

Common harmful substances



USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 99%

無環境荷爾蒙(壬基酚)
ENVIRON. HORMONES FREE(NP)

無塑化劑
PHTHALATES FREE

無防腐劑(對羥基苯甲酸酯類)
PARABENS FREE

無甲醛
FORMALDEHYDE FREE

無硫酸鹽類界面活性劑
SULFATES FREE

無化學增稠劑(DEA衍生物)
THICKENERS FREE(DEA)

無環氧乙烷衍生物
EO FREE

無染色劑
COLOURANTS FREE





Green raw
materials

Research and develop green organic
raw materials to replace chemical ones



Green
raw
material

Take the lead in formulating new green standards for
bathing products

Not adding 8

Common harmful
substances



無環境荷爾蒙(壬基酚)
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無塑化劑
PHTHALATES FREE

無甲醛
FORMALDEHYDE FREE

無化學增稠劑(DEA衍生物)
THICKENERS FREE(DEA)

無染色劑
COLOURANTS FREE

Shampoo that grows
tree inside

Tree in a
bottle

100% Biodegradable materials

100% Primary tree species



reddot design award
best of the best 2013



Flower box



Four times of carbon reduction

Re-fetch **new life**

New bottles on the market |
New environment friendly product

80% carbon free



Recycled plastic bottles

Create green life together with you to realize
the sustainable promise of the earth



薰衣草淨色洗髮精 · 250ml
竹萃保潔洗髮精 · 250ml
茶樹洗髮精 · 250ml

The world's first regenerative pledge

Recycled plastics
PP%

83.7%



Carbon emission
reduction %

66.29
%

The carbon footprint of PP recycled materials used by o'right is as follows: 418.23 g CO₂e/kg
The latest announcement of "carbon emission of polypropylene (PP) new plastics" announced by EPD is as follows: 2.01 kgCO₂e/kg

- 2019 –Carbon neutralization of enterprise/organization and **27** products have been confirmed
- 2020 -Continue to implement carbon neutralization of enterprise/organization, start carbon footprint inventory and confirmation of **50** products





- The only diamond level low carbon green factory in Asia
- The first green cosmetics GMP in Asia
- Taiwan's one and only green cosmetics factory



Green Logistics



"Carbon reduction and centralized transportation"

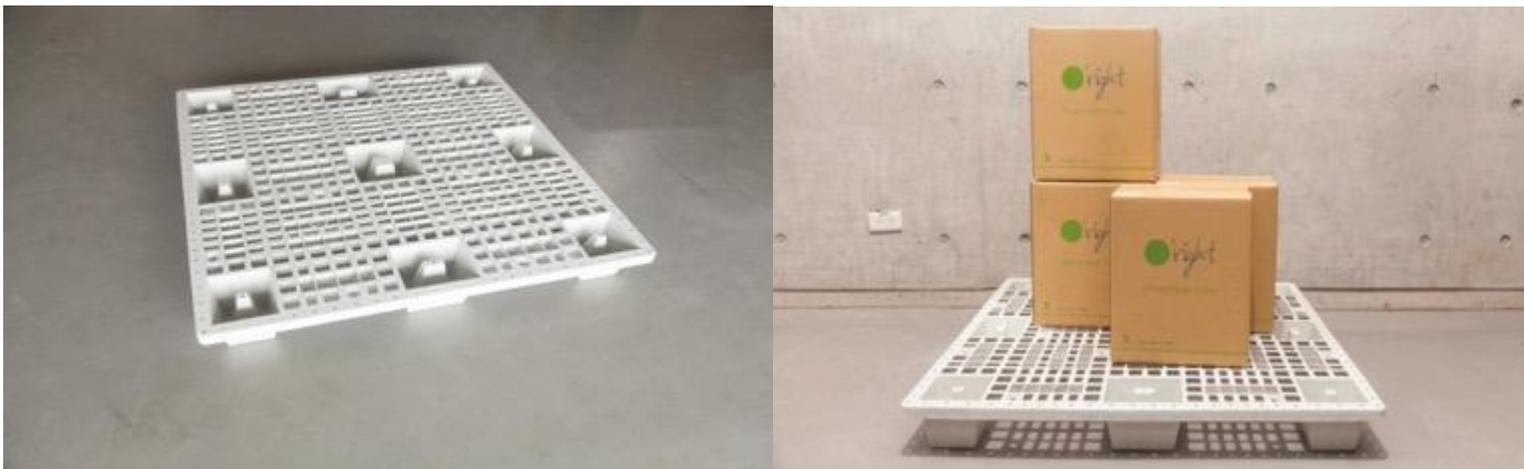
Encourage customers to purchase in a planned way
Average single shipment order amount increased by **39%**



AIR ultra thin cushion bubble bag
Carbon reduction per year around **3,096kg CO2**
It is equivalent to planting **279** 20-year-old trees



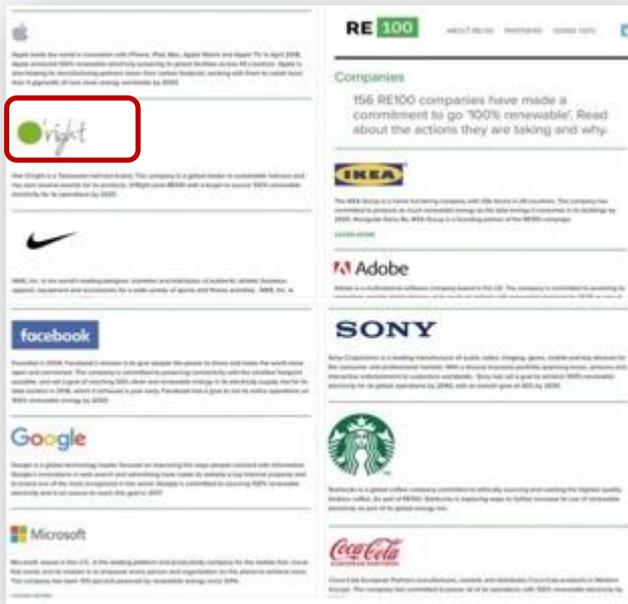
Environmentally friendly transport cartons
Made of **80%** recycled paper



7300 plastic caps = an environmental protection pallet

Declare to join the RE100 International Renewable Energy Initiative

Synchronize with apple, Google and Facebook,
Make commitment to achieve 100% renewable energy use by 2025.



Low carbon office air conditioning

Carbon reduction rate **62.85%**

LED lamps and desktop independent power management system are used in the whole area

About **45000** kwh of electricity can be saved in one year

About **225000** yuan can be saved

31,688 kw/H

Common companies

11,772 kw/H

O'right

Air conditioning power consumption in 2013



Mechanical foot-stepping water supply system is used in the whole area

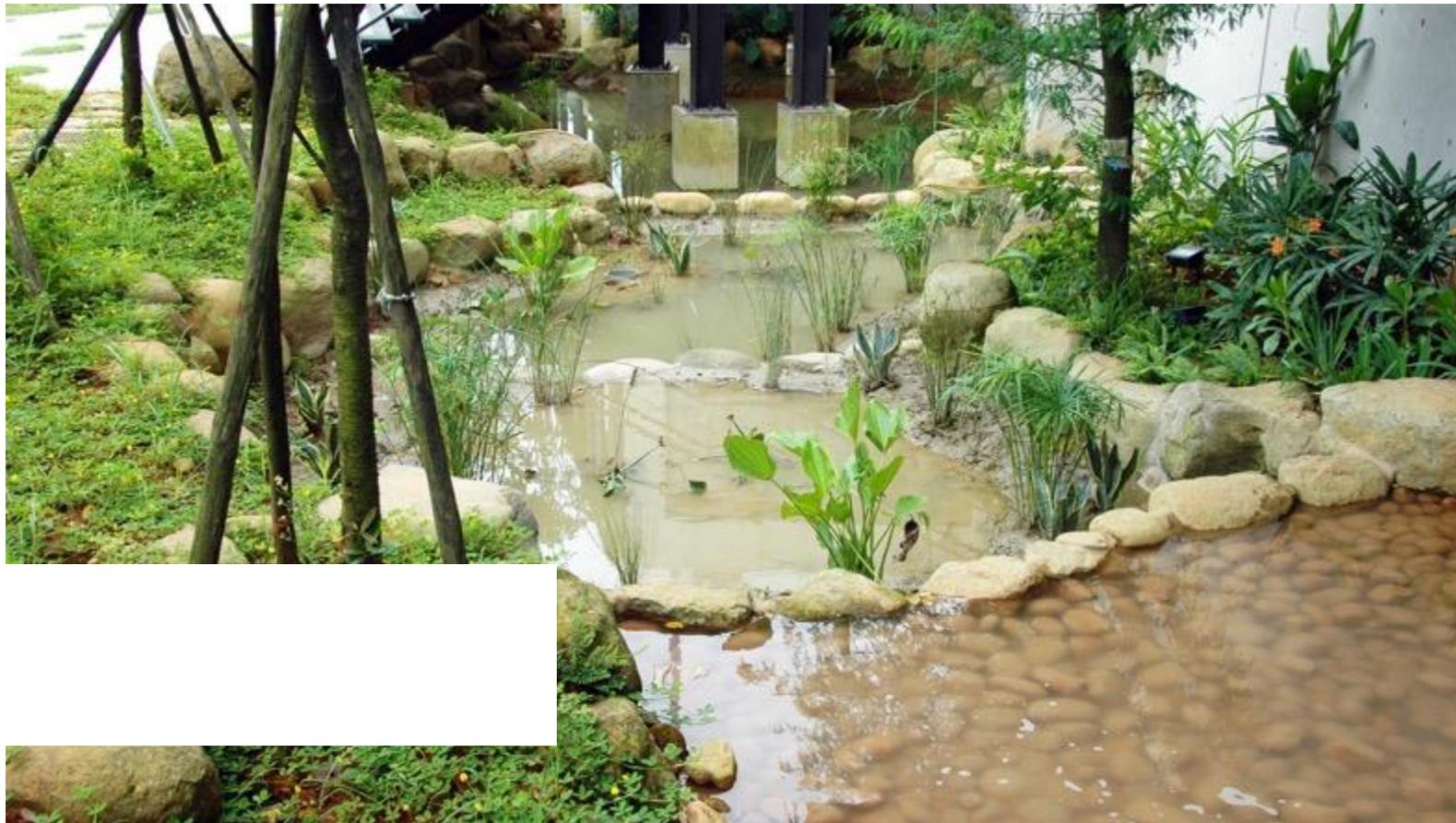
0 electricity consumption

Save **62.85%** water consumption

Total heat exchange system (THX) and intelligent CO2 detector

Indoor air quality monitoring to maintain the health of colleagues







100% Recycling

Zero waste water discharge

A person wearing a white lab coat is shown from the side, focused on operating a complex piece of industrial machinery. The machinery is primarily grey and white, with some yellow components on the left. The person's hands are near a control panel or a specific part of the machine. The background is slightly blurred, emphasizing the person and the machine.

Zero pollution manufacturing process
Use supercritical fluid extraction to
replace the traditional solvent
extraction

Organic vegetable restaurant & staff cleaning and arranging







RECOFFEE Tree in a bottle

Recycling of coffee grounds

100% Biodegradable materials

100% Primary sapling



reddot award 2014
winner packaging design



reddot award 2014
winner

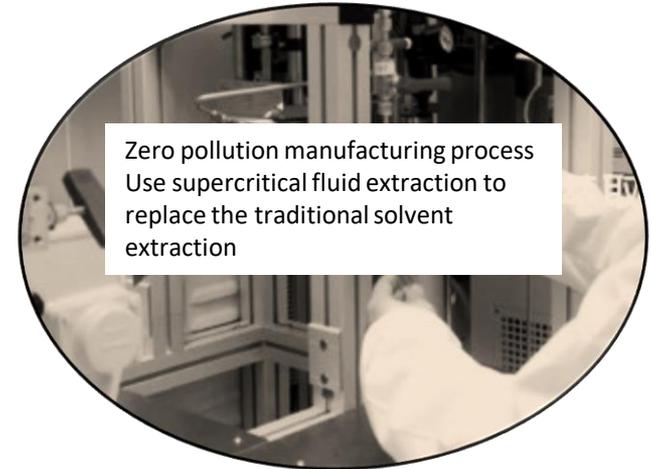
INVENTOR'S
INPEX[®]
AMERICA'S LARGEST
INVENTION SHOW



日本創新天才
發明金牌獎

Avoiding environmental impact through "new technology"

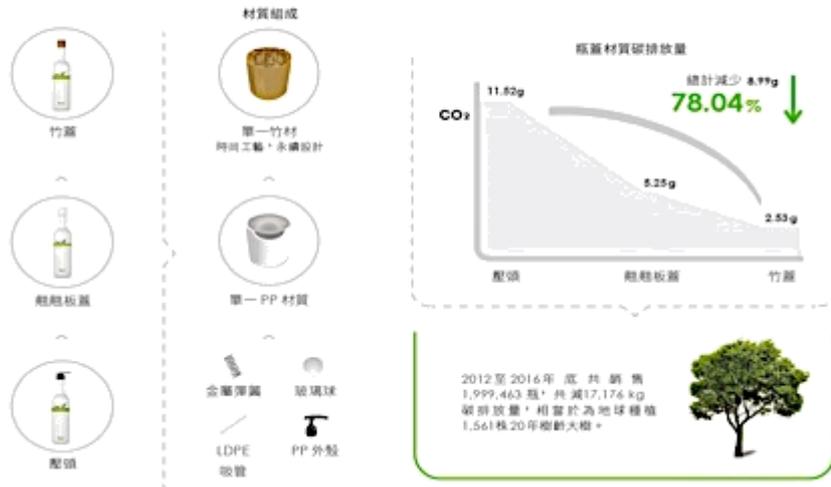
Substitution	Traditional use
Supercritical and ultrasonic extraction	Chemical solvent extraction
Stainless steel pipeline	Plastic pipeline
Steam disinfection	Organic solvent disinfection
Ultra pure water + dust free aseptic production	Add excessive preservatives
Mechanical foot-stepping water supply	Induction tap
Mobile office	Physical office



Solving environmental problems through "new materials"

Substitution	Traditional use
Recycled plastics	Traditional plastics
Bamboo cap	Electroplated plastic cover
Wood flour	Plastic particles
Natural Caffeine	Chemical caffeine
FSC certified paper	Plastic coated paper
Vegetable ink	Chemical ink

瓶蓋減碳愛地球



「 Green innovation policy 」

Mobile office, mobile order, mobile payment

APP

- Improve operational efficiency
- Reduce carbon, protect the environment, reduce commuting time of colleagues
- Increase the efficiency and depth of customer service

Mobile Phone

雲端資料

Cloud data

Number of workers in mobile offices	67
Reduce commuting distance	1133.5 (km/day)
Reduce commuting time	28.34 (h/day)
Reducing traffic carbon emissions	145.4 (kg/day)
Total carbon reduction	78537 (kg)



德商便利商店付款 快速、安全、便利
響應無紙化、落實節能減碳、環境永續



組合內容 德商便利商店門市人員

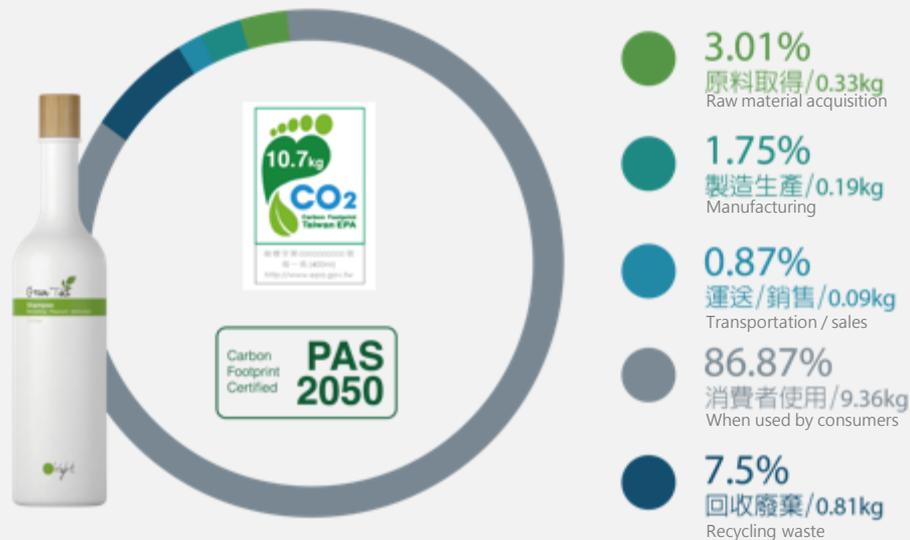
香檳玫瑰沐浴乳,400ml x2
 蒲公英58度重和沐浴乳,400ml x2
 桃花輕甜沐浴乳,400ml x2
 玫瑰果潤澤沐浴乳,400ml x2
 商品項選購6組
 數量有限售完為止



Green
verific
ation

Carbon footprint

The first small and medium-sized enterprise that won



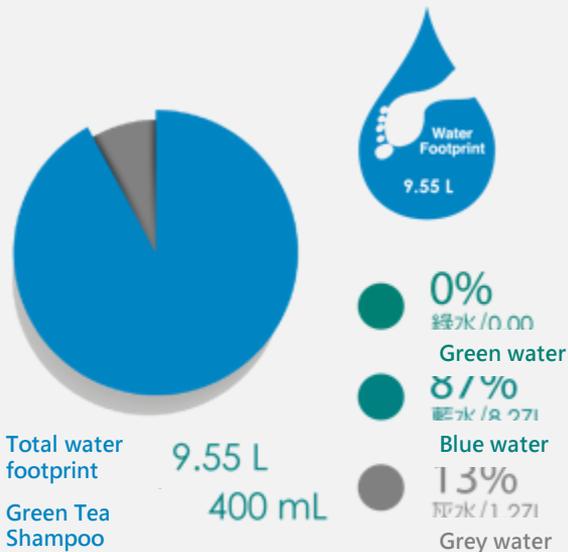
Carbon neutralization

The world's first cosmetics producer that won

0 CO₂



Water footprint



C2C

The world's first cosmetics producer that won



UK carbon footprint

Taiwan's first cosmetics producer that won



- **2.77%**
 原料取得/0.47kg
 Raw material acquisition
- **0.92%**
 製造生產/0.16kg
 Manufacturing
- **0.57%**
 運送/銷售/0.10kg
 Transportation / sales
- **95.72%**
 消費者使用/16.12kg
 When used by consumers
- **0.01%**
 回收廢棄/0.00kg
 Recycling waste





USDA Bio-based certification

Confirmed that the renewable biological components are in the product.

O'right delivery completion rate: 100% -

At present, there are **45** :

2 independently developed raw materials and **43** products

All of them have passed USDA certification.

Green certifications

- GMP certification of cosmetics
- ISO 9001 International quality management certification
- ISO 22716 International cosmetic good manufacturing practice guidelines certification
- ISO 50001 Energy management system certification
- ISO14001 Environmental management system certification
- OHSAS18001 Certification of occupational safety and health management system
- Taiwan EEWB green building golden certification
- Carbon Trust PAS 2050 product carbon footprint
- Product carbon neutralization of British BSI PAS 2060
- SGS PAS 2050 product carbon footprint certification
- Product water footprint certification
- Cradle to cradle C2C
- TIPS certification system for Smart Property Management in Taiwan



Green overseas development



Singapore, Malaysia, South Korea, Japan, Vietnam, India, China, Philippines, Thailand, Austria, Poland, the Netherlands, Belgium, Germany, Italy, Denmark, Bulgaria, Sweden, Belarus, Lithuania, Finland, Russia, Romania, Switzerland, Lichtenstein, Slovenia, Croatia, Montenegro, Serbia, Bosnia, Portugal, Ukraine, Luxemburg, Estonia, Norway, Czech Republic, UK, Turkey, United Arab Emirates, Qatar, Oman, Bahrain, Kuwait, Saudi Arabia, United States, Canada, Mexico, Australia, New Zealand

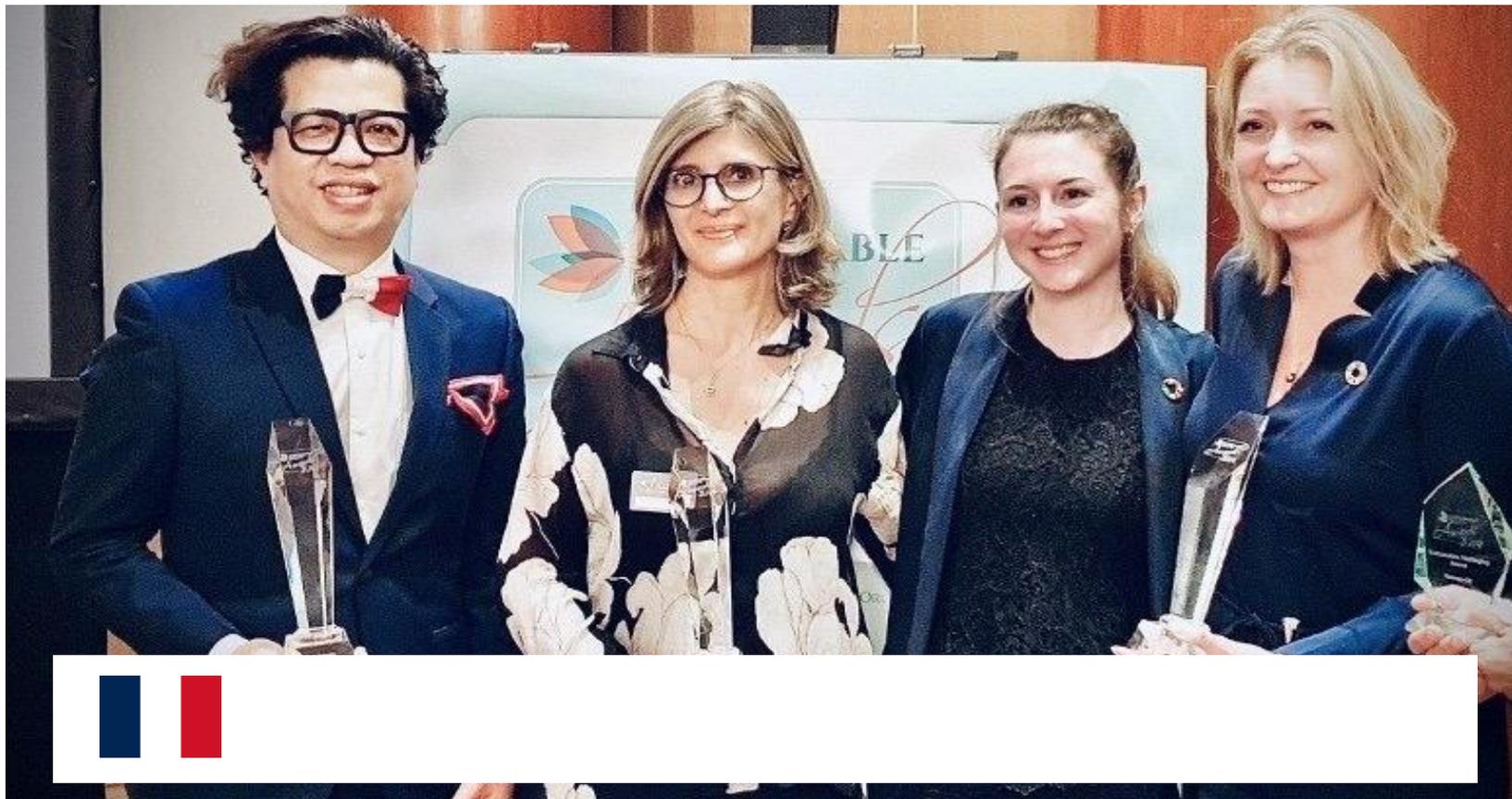


Affirmation from the world

2019-2020

Asia's first SME Sustainability Report Award (2018,2020)







COP 25 Invited speech

- Each product should complete its carbon footprint
- Each product should have a carbon reduction strategy
- Each product should be carbon neutral
- Every enterprise should practice carbon neutrality

- Ge Wangping COP 25

Green certification

- GMP certification of cosmetics
- Taiwan EEWH green building golden certification
- Product carbon neutralization of PAS 2060
- SGS PAS 2050 product carbon footprint certification
- USDABiobased certification
- Product water footprint certification
- Cradle to cradle C2C certification
- Taiwan's only green cosmetics factory
- The only diamond level low carbon green factory in Asia
- The first GMP factory of green cosmetics in Asia



International management system certifications

- Completed 27 products of five categories and organizational carbon neutralization confirmation
- ISO 9001 International quality management certification
- International cosmetic good manufacturing practice guidelines certification
- ISO 50001 Energy management system certification
- ISO14001 Environmental management system certification
- ISO14046 International standard for water footprint
- ISO14064 Greenhouse gas inventory
- ISO14067 Carbon footprint inventory
- ISO 17025 TAF Laboratory Accreditation
- ISO 11930 Experiment on antiseptic effect of microorganism in cosmetics
- OHSAS18001 Certification of occupational safety and health management system
- TIPS TIPS certification system for Smart Property Management in Taiwan



Brand glory

- Won the National Quality Award
- Won the first prize of the World Enterprise Citizen Award for five consecutive years
- Won the first prize of the survey team of foresight CSR award four times
- National Environmental Education Award
- National Sustainability Award
- International Green Model Award
- Won the National Enterprise Environmental Protection Award for three times
- Won the National Industrial Innovation Award
- Won Taiwan circular economy award Gold Prize
- Paris Global Sustainable Beauty Award
- SGS environmental friendly Sustainability Award
- Environmental protection green energy Excellence Award
- National Zhirong Excellence Award
- UN Asia Pacific carbon footprint Symposium: speech on behalf of Taiwan
- National Rock Award
- Taiwan Boutique Award
- Industrial Elite Award
- Taiwan excellent brand award
- Golden Pin Design Mark
- Asia Sustainability Reporting Award





做一個好企業
比做一個大企業重要

Being a Good Enterprise
Is More Important Than To Be a Big Enterprise

right



Zero
Carbon

Making Sustainable Lifestyle Happen

Zero carbon sustainability
makes the earth better and
more beautiful

