



**Asia-Pacific
Economic Cooperation**

2022/CTI/SYM1/006a

How to Make Trade and Environment Policies Work Together in the Next Normal Era - Presentation

Submitted by: Thailand



**APEC Bio-Circular-Green Symposium
Bangkok, Thailand
20 May 2022**

**Panel Policy Discussion on
How to Make Trade and Environment Policies
Work Together in the Next Normal Era**

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Ministry of Commerce

20 May, 2022



Thailand

FACTS & FIGURES

Thailand's Exports

In 2021, exports from Thailand were valued at over 271 billion US dollars and accounts for approximately 53.6% of the GDP

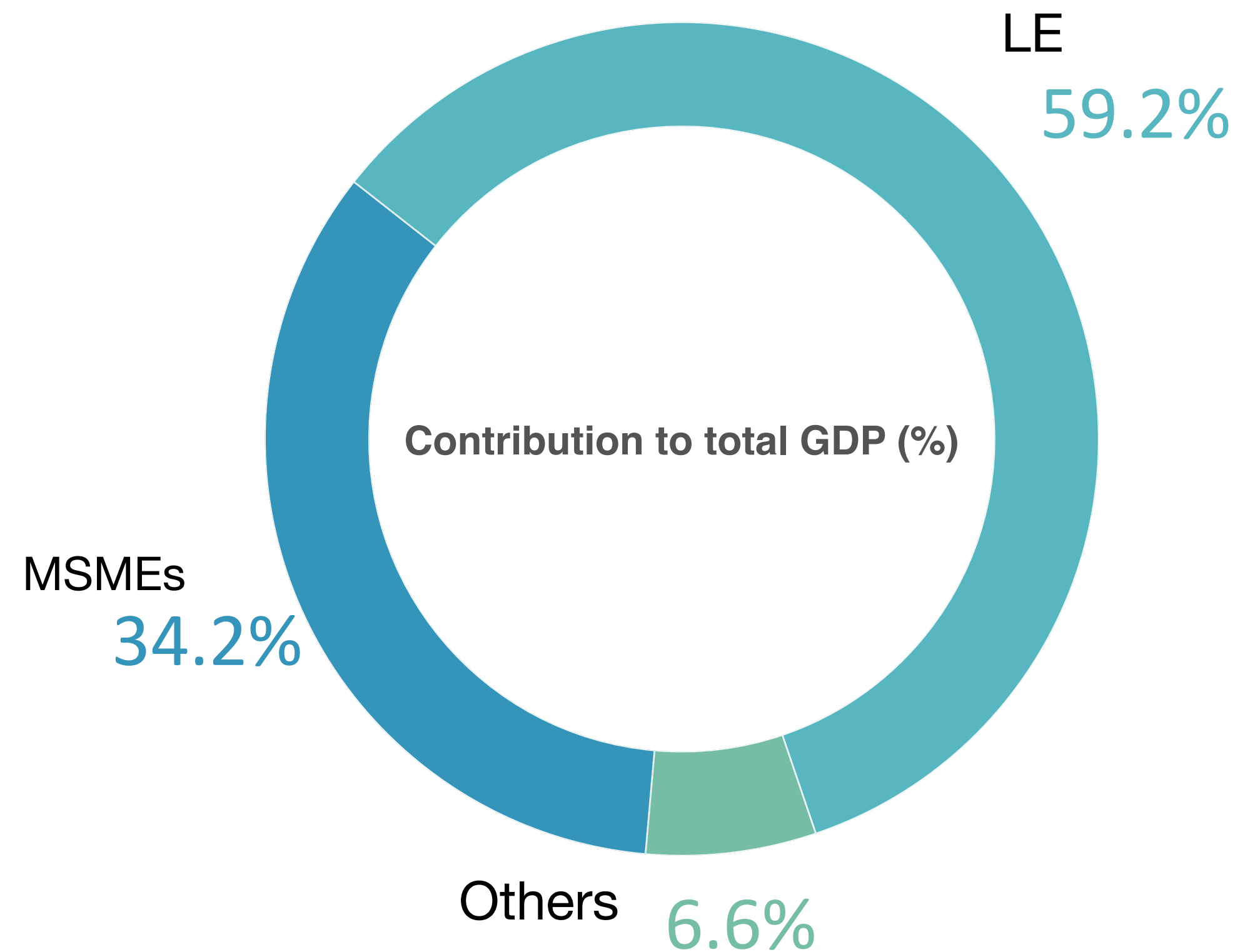
**US\$271
billion**

**53.60%
GDP**

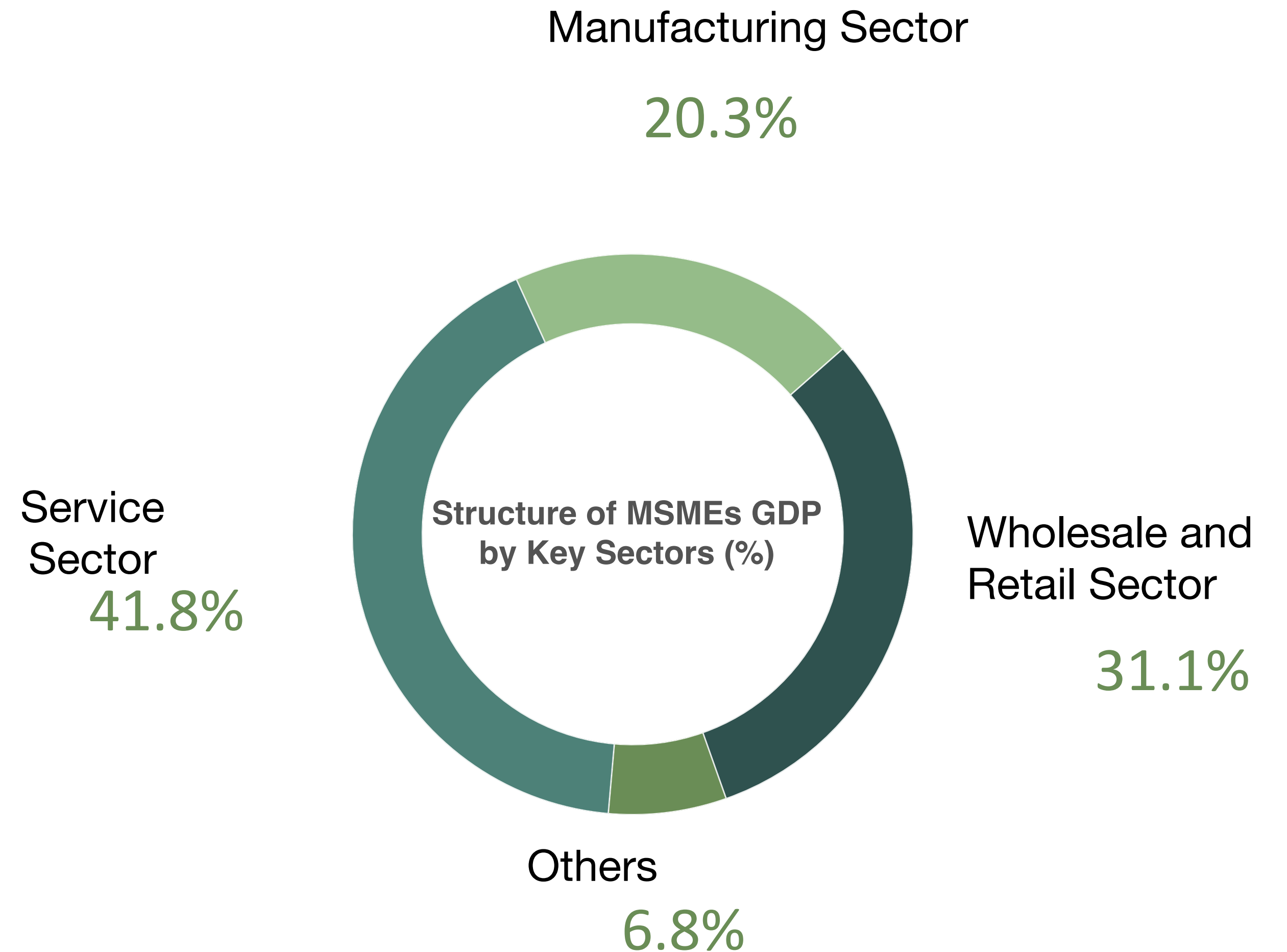
Thailand FACTS & FIGURES

Value in 2020

Structure of Thailand's GDP by Enterprise Size



The Structure of MSMEs GDP by Economic activities



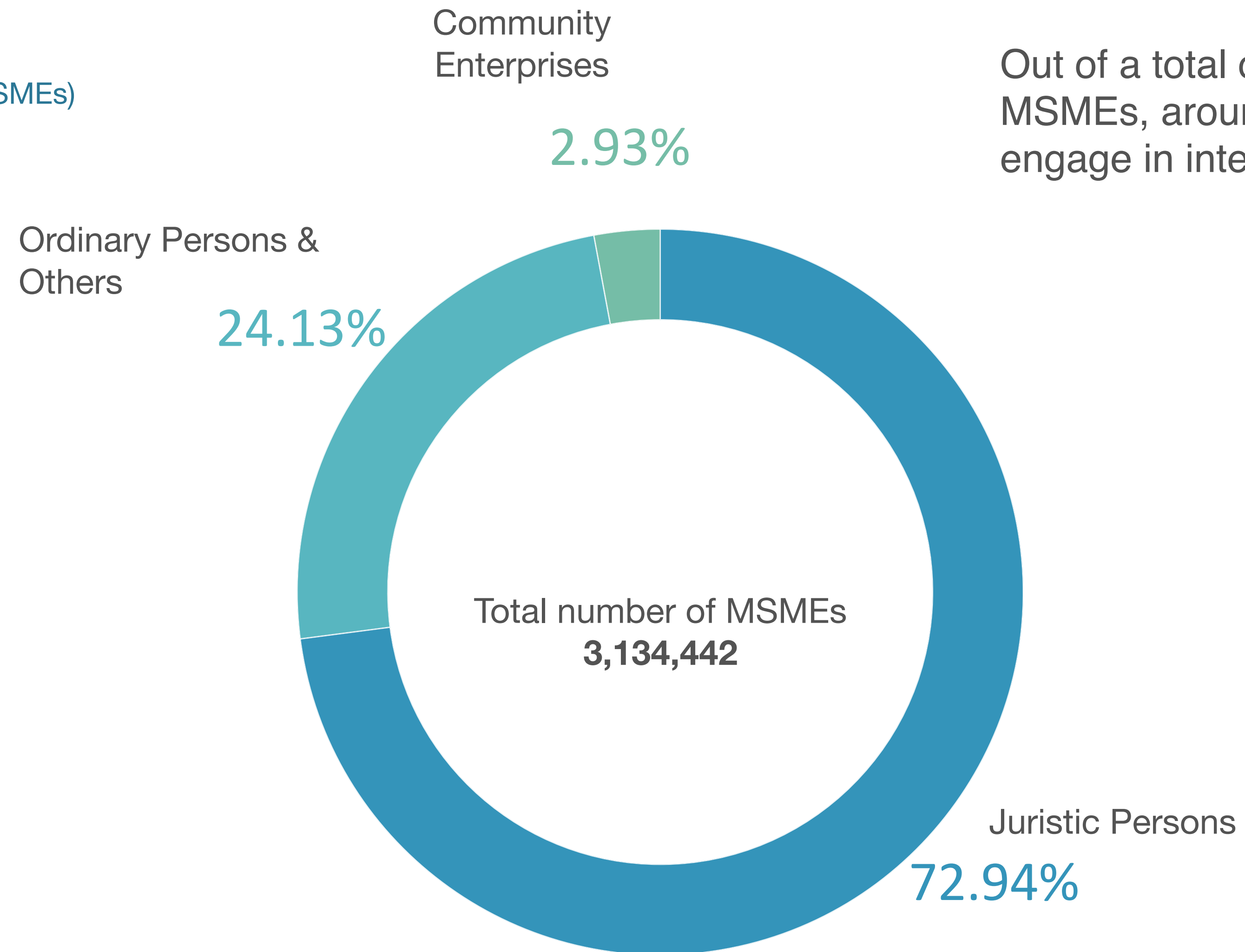
Source: Office of Small and Medium Enterprises Promotion (OSMEP)



Thailand FACTS & FIGURES

Number of Micro Small Medium Enterprises (MSMEs)
by types of business establishment 2020

MSMEs account for around 99.54% of all enterprises in Thailand, generating 35.3% of GDP and employs over 12 million people or 71.7% of total Thai employment.



Out of a total of over 3 million MSMEs, around 36,000 engage in international trade.

Source: Office of Small and Medium Enterprises Promotion (OSMEP)



COP26 WORLD LEADERS SUMMIT

November 2021

Thailand has declared to reach.....

carbon neutrality
by 2050



net zero
greenhouse gas
emissions
by 2065

Ministry of Commerce

GOALS 2022-2027

Increase BCG contribution to GDP from 21% to 24% within the next 6 years.

Added value to products and services from BCG economy increase by at least 20%

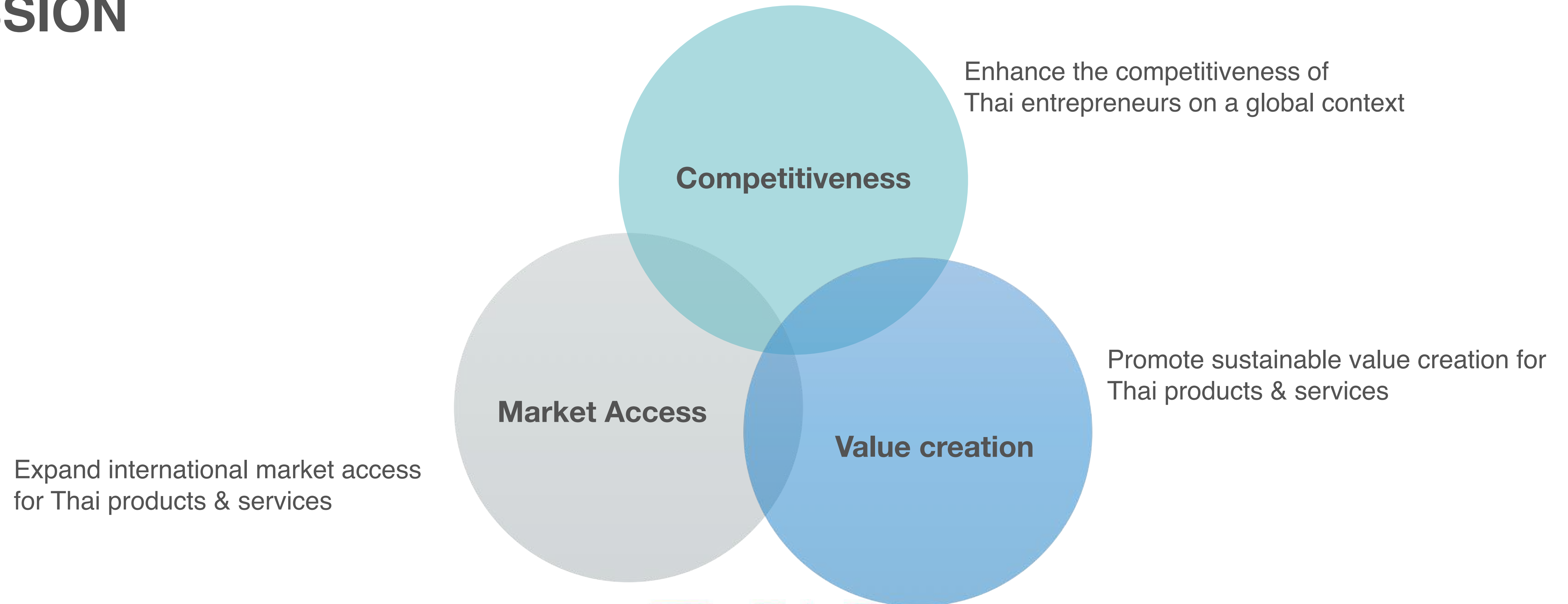
Increase in revenue for grassroots economies by a least 50%

Number of IDEs and Startups involved with the BCG economy increased to at least 1,000 enterprises



Ministry of Commerce, Department of International Trade Promotion

MISSION



VALUE CREATION



Global Quality Certification

ได้รับการรับรองมาตรฐานในประเทศ และ/หรือมาตรฐานสากลต่างประเทศ



Green Industry

ได้รับการรับรองมาตรฐานอุตสาหกรรมสีเขียวระดับที่ 2 ปฏิบัติการสีเขียว (Green Industry) เป็นอย่างน้อย หรือ ได้รับ ISO 14001



CSR

มีการดำเนินกิจกรรมที่คำนึงถึงผลกระทบต่อสังคม (CSR In Process & CSR after process)



Fair Labour

ได้รับการรับรองมาตรฐานแรงงานไทย (มรท. ๘๐๐๑ - ๒๕๕๓) ระดับพื้นฐาน เป็นอย่างน้อย



THE ASSURANCE OF EXCELLENCE



VALUE CREATION



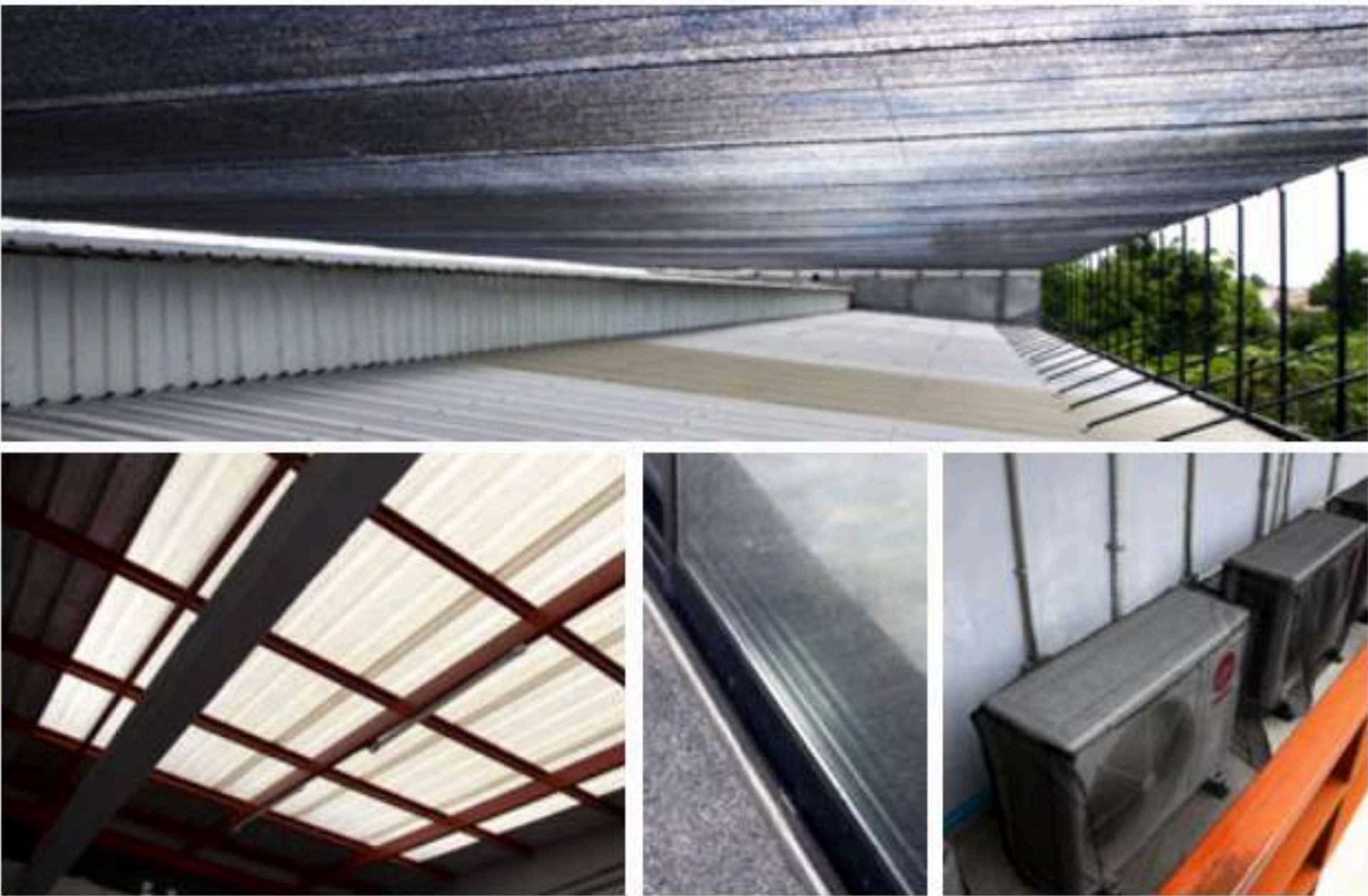
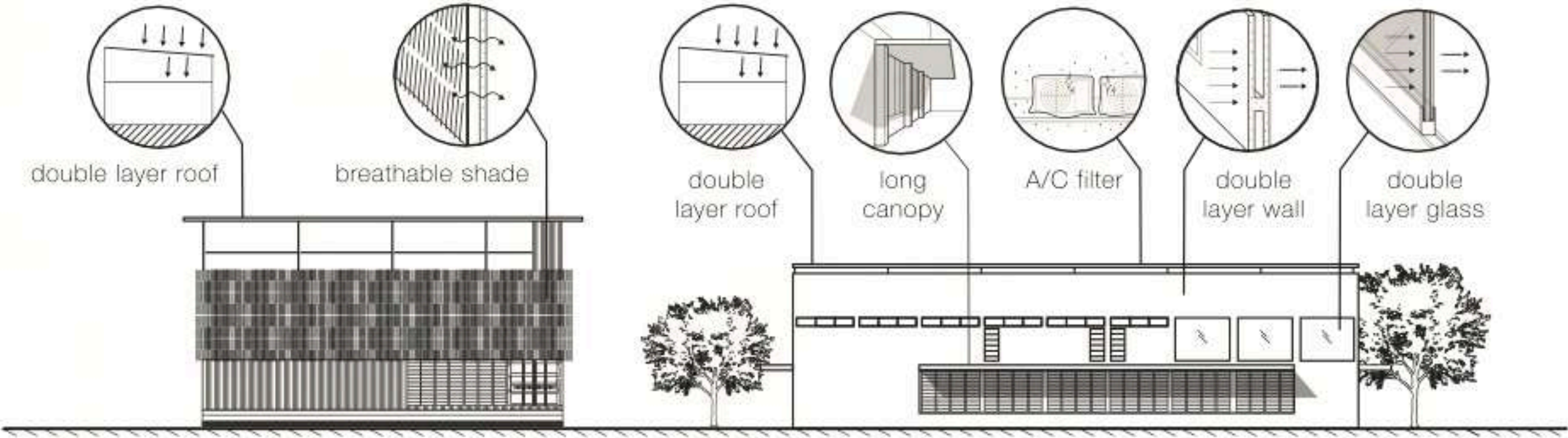


Design Excellence Award 2022



l a b r a d o r

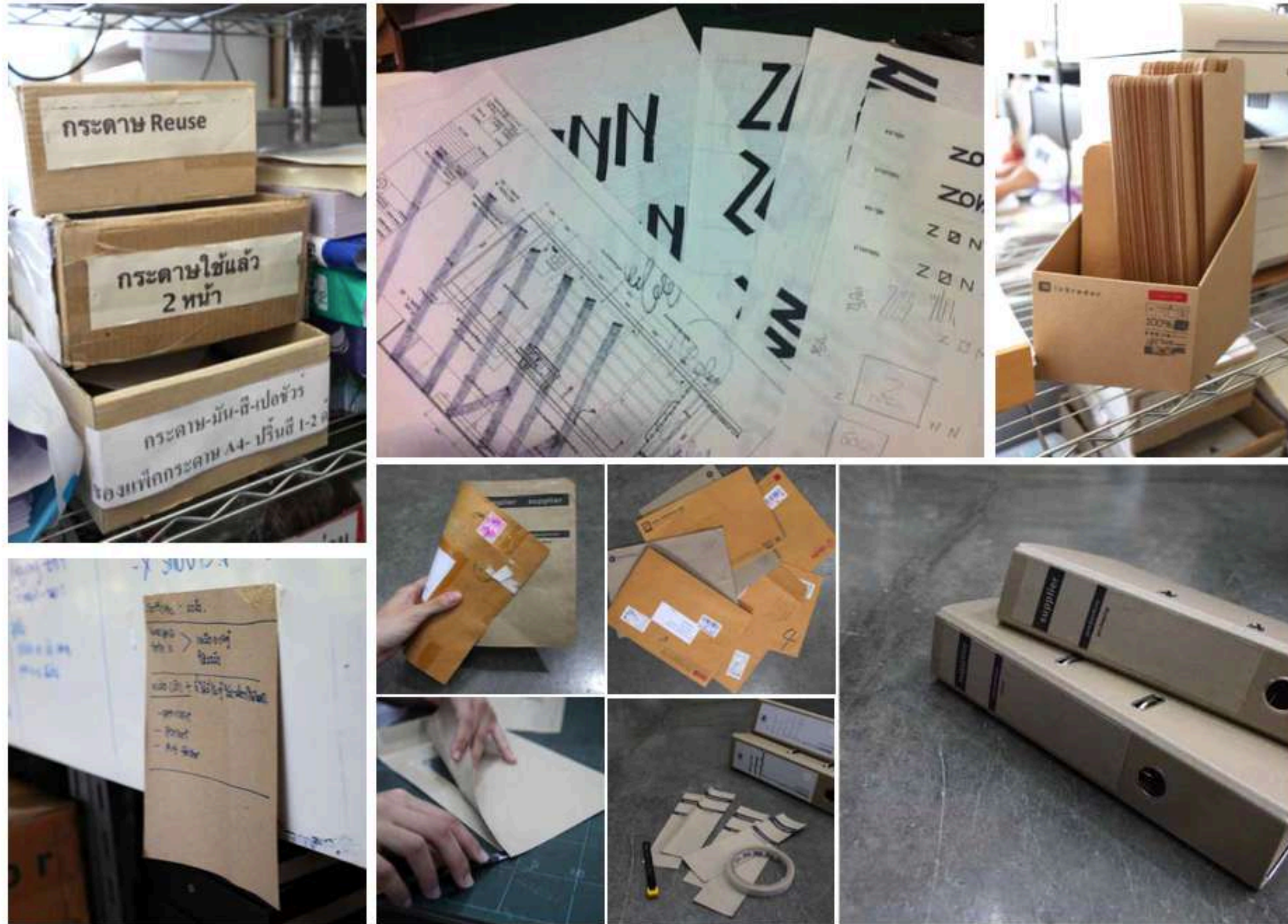
LOW ENERGY CONSUMPTION - LABRADOR BUILDING



l a b r a d o r



labrador



l a b r a d o r



SECOND LIFE OF PACKAGING



SECOND LIFE OF PACKAGING



- X Tote Bag L, M
- X Hand Bag M, S
- X Shoulder Bag M, S
- REshopper



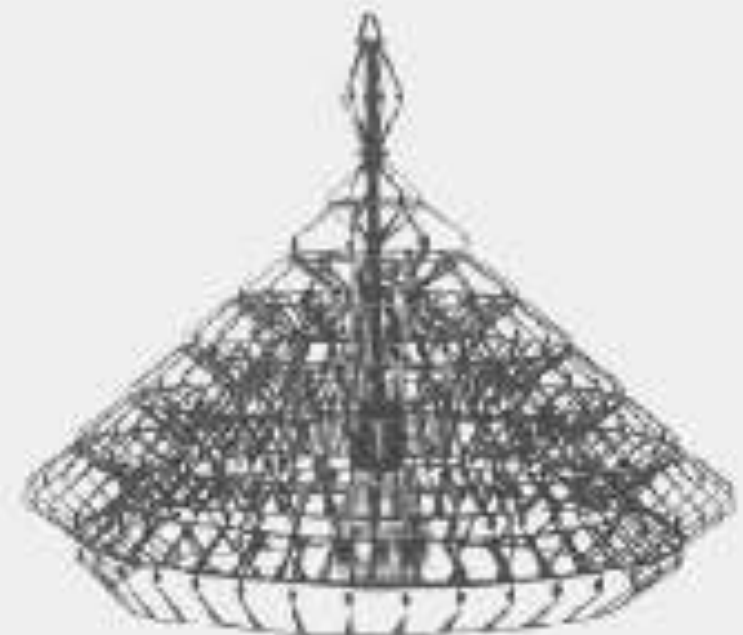
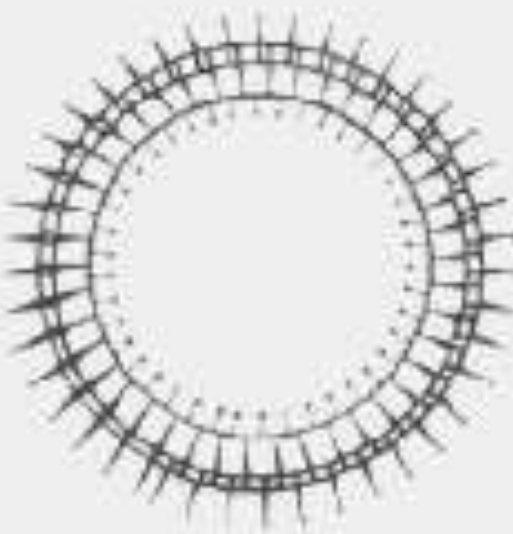
- Wise Bag L
- Wise Bag M
- Wise Bag S



second life as "shopping bag"

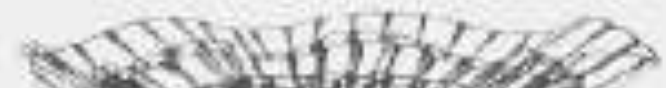
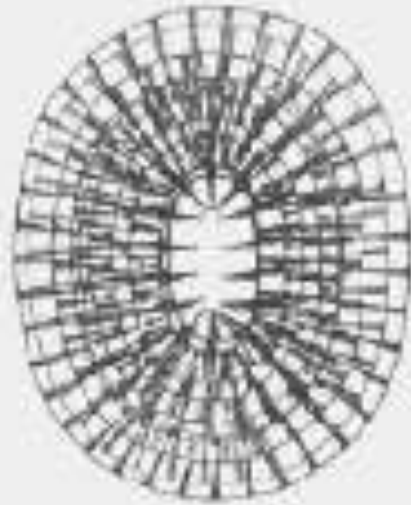
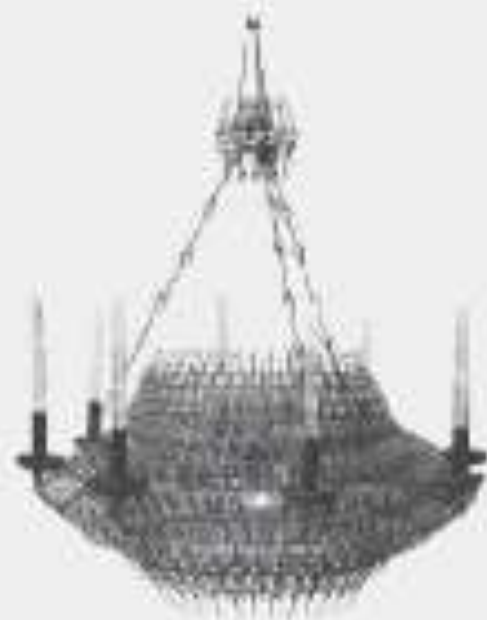


second life as "lunch bag"



PiN

THE REINCARNATION OF WASTE

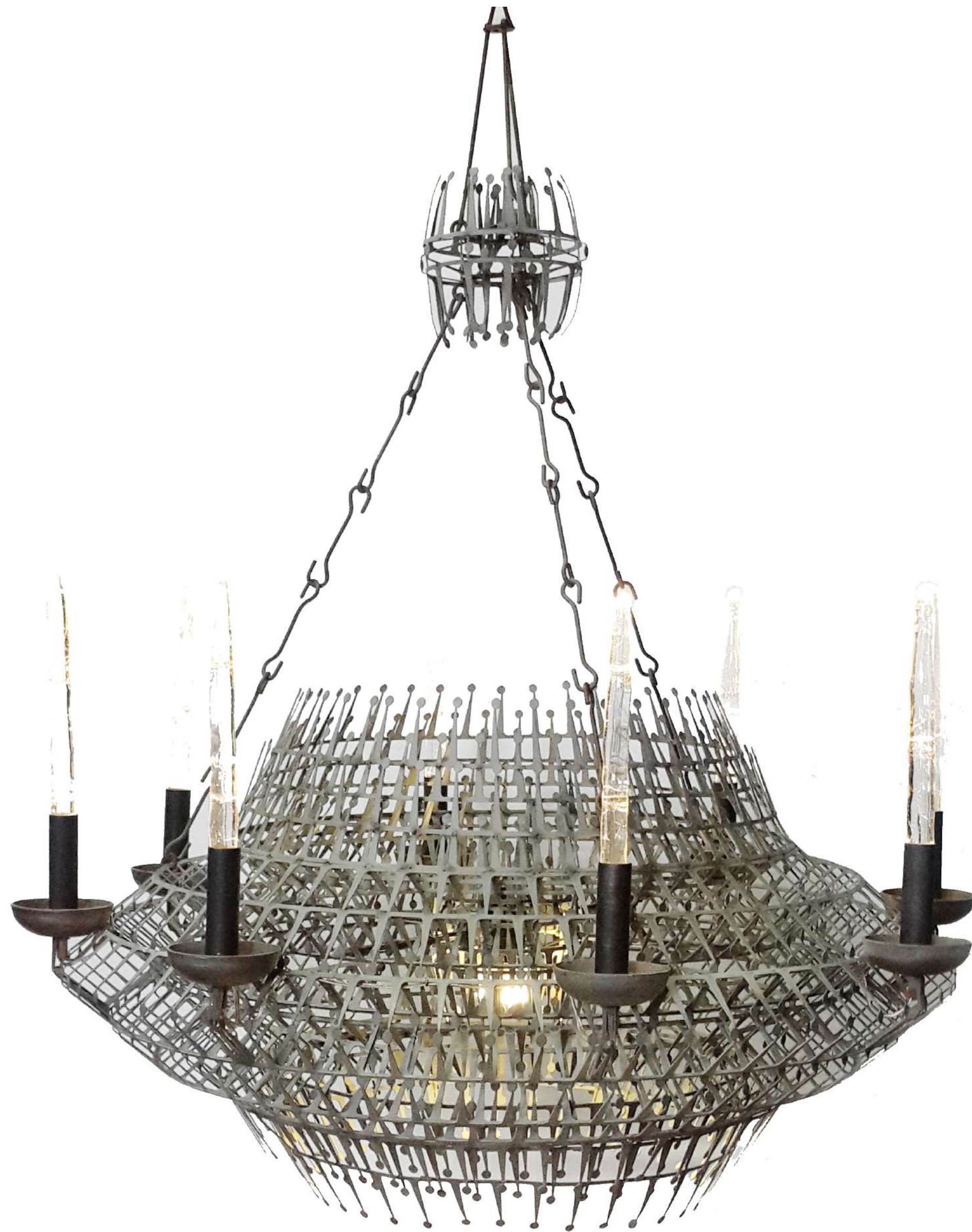




Raw Material

Waste







RéVOLUTION

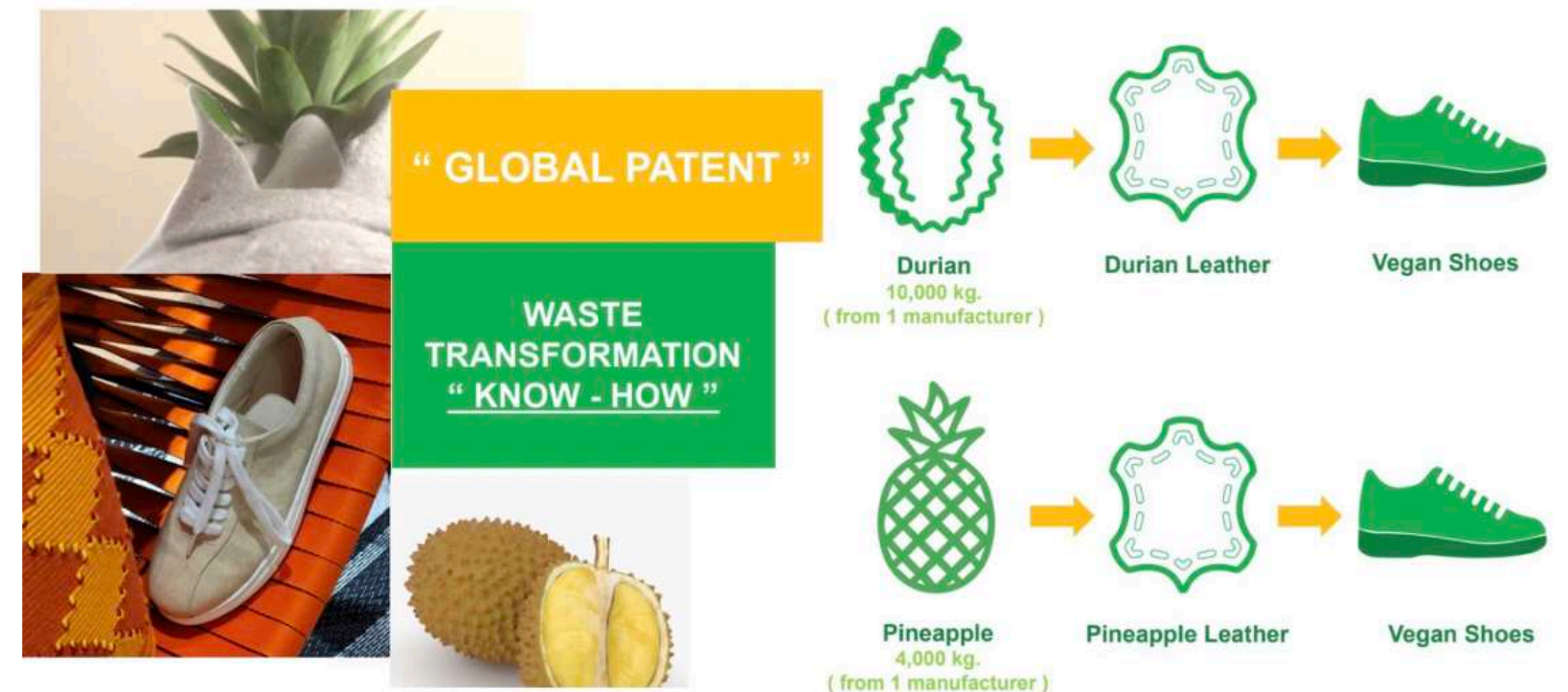
**DEWA
& DEWI** 2021
DESIGN FROM WASTE OF
AGRICULTURE AND INDUSTRY

A PERSPECTIVE INTO
LIMITLESS FUTURE

THAI NUM CHOKE







CHAOLAY SEAGRAPE



海ぶどう
Chaolay
Seagrape

GREEN CAVIAR ORGANIC BODY WASH





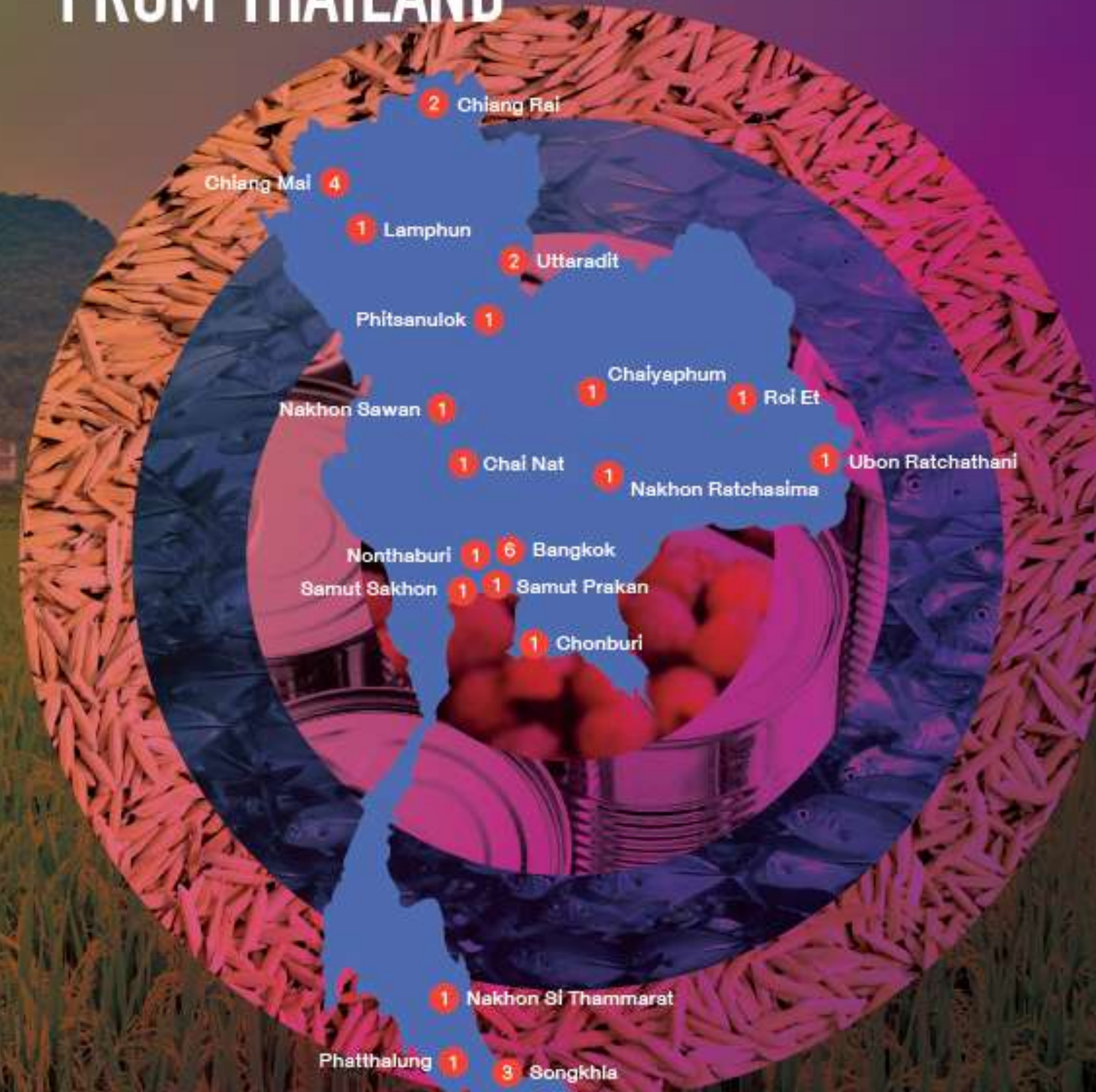
BCG NEXT GEN



Products from BCG Economic Model
Food & Beverages / Herbal Products
/ Nutritional Supplements



BCG ENTREPRENEURS FROM THAILAND



Regarded as the best in their fields, the 31 selected businesses are from 19 provinces across Thailand; Bangkok (6), Nonthaburi (1), Samut Prakan (1), Samut Sakhon (1), Nakhon Sawan (1), Chai Nat (1), Phitsanulok (1), Chiang Mai (4), Chiang Rai (2), Lamphun (1), Uttaradit (2), Songkhla (3), Nakhon Si Thammarat (1), Phatthalung (1), Chaiyaphum (1), Roi Et (1), Ubon Ratchathani (1), Nakhon Ratchasima (1), and Chonburi (1)

Mudjai

Vegan Grilled Pork and Satay



Alternative protein source for those with a nut allergy

High in protein and fiber

Flavorful street food style eats with zero cholesterol

Plant-based Thai street food made from split-gill mushroom that's protein-rich and cholesterol-free, and a new alternative for vegans with a nut allergy

- B** Create value from a local biological resource, namely, split-gill mushrooms
- C** Materials like rubber scrap and rice processing waste are used as part of the raw material mix in production
- G** Production process reduces the burning of agricultural waste



Tasuko

100% Organic Cassava Flour



The world's leading producer of organic cassava flour with more than 30,000 tons of exports every year

International organic certifications

A cooking flour made from organically grown cassava plants, an innovation for those allergic to gluten in wheat

- B** Add value to a plant of economic importance, which in turn supports local farmers
- C** Turn industrial waste into biogas and electricity
- G** Adopt organic farming methods



Bright

Riceberry Nutrition Tablet



GABA
C₄H₉NO₂

GABA can help to maintain a neurological balance, produce a calming effect, and relieve stress

Rich in vitamin B and calcium; helps to boost brain function

sugar 0%

A chewable dietary supplement product made from organic riceberry

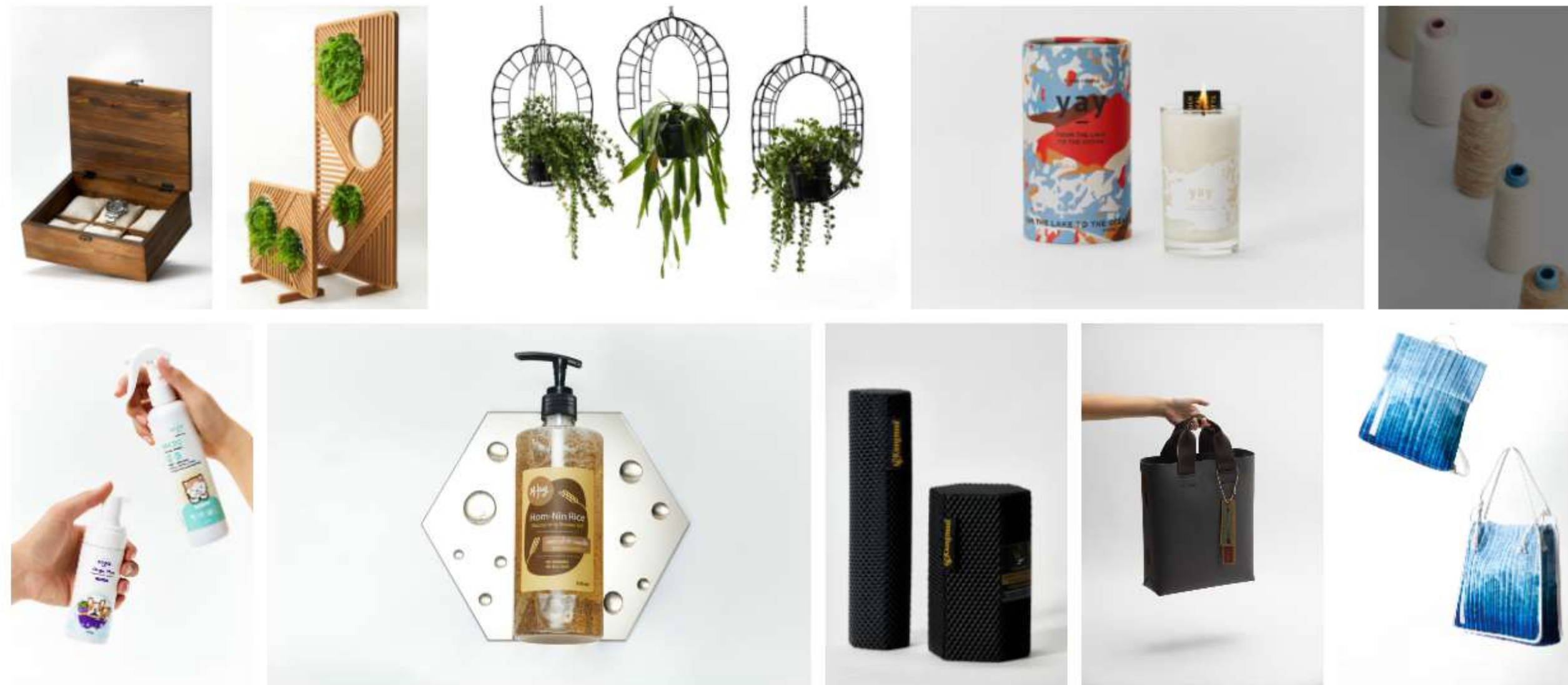
- B** Expand business using local agricultural produce
- C** Use small amount of rice for maximum benefits, reduce the use of arable land and resources
- G** Strictly follow principles of organic agriculture to be eco-friendly



50 WAYS
TO CHANGE THE WORLD
INTRODUCING THAILAND'S
SUSTAINABILITY HEROES
50 BCG BRANDS
FOR EVERY MINUTE OF A NICER PLANET.

Be the Change DITP THAILAND

#BCG #BetheChange



YOU WANT TO SEE
IN THE WORLD.



Thailand Progress Towards Circular Economy

M.L.KATHATHONG THONGYAI

Assistant Director General

Department of International Trade Promotion

Ministry of Commerce

20 May, 2022



PLASTIC WASTE MANAGEMENT IN THAILAND



In the past 10 years,
Thailand's plastic waste
totaled

2 million

tons per year or

12%

of the total waste
generation.



**0.5
million**

tons utilization per year



Material recycling



Energy recovery



1.5 million

tons disposed of in landfills
or incinerators and partially
remain in the environment

PLASTIC WASTE DURING COVID-19 IN THAILAND

PRE COVID-19
(2019)



96 GRAMS/PERSON/DAY
Jan - Dec 2019

COVID-19 SITUATION
(2020)



134 GRAMS/PERSON/DAY
Jan - Dec 2020

▲ 40%

COVID-19 SITUATION
APRIL 2021



139 GRAMS/PERSON/DAY
Apr 2021

▲ 45%

Source : Pollution Control Department

THAILAND'S ROADMAP ON PLASTIC WASTE MANAGEMENT 2018 - 2030

TARGET 1 Reduce and stop the use of targeted single - use plastics and replace with environmentally friendly products

TARGET 2 100% of targeted plastic waste used in circular economy

PHASE 1

2018

Establish Subcommittee/Working groups
Develop Roadmap for Plastic Waste Management 2018-2030

2019

- Adopt “Bangkok 3R Declaration towards Prevention of Plastic Waste Pollution through 3R and Circular Economy”
- Adopted “Bangkok 3R Declaration on Combatting Marine Debris in ASEAN Region”
- Develop plastic ware recycling system through circular economy
- Ban the use of:
 - Plastic cap seals
 - Oxo - degradable plastics
 - Plastic Microbeads

PHASE 2

2020

- Develop guidelines/requirements/standard for environmental friendly plastic products

2021

- Law enforcement on plastic waste management

2022

- Ban on use of:
 - Plastic bags < 36 microns
 - Foam food containers
 - Plastic Cups < 100 microns
 - Plastic straw
- Monitoring, evaluation and review Roadmap and Action Plan
- Develop recycling plastic waste system through circular economy

PHASE 3

2023 - 2026

- Reduce and stop the use of other single - use plastics 2027
- 100% of target plastic waste will be recycled by applying circular economy principles

2028 - 2029

- Continuously working to meet the target Roadmap

2030

SDGs

- Summary of implementation in accordance with SDGs





Plastic bags and
Plastic film donated
Through 'WON'
Project



PET bottles
collected from
post consumer
waste



Discarded fishing
net from 'Net Free
Sea'
Project by EJF

