

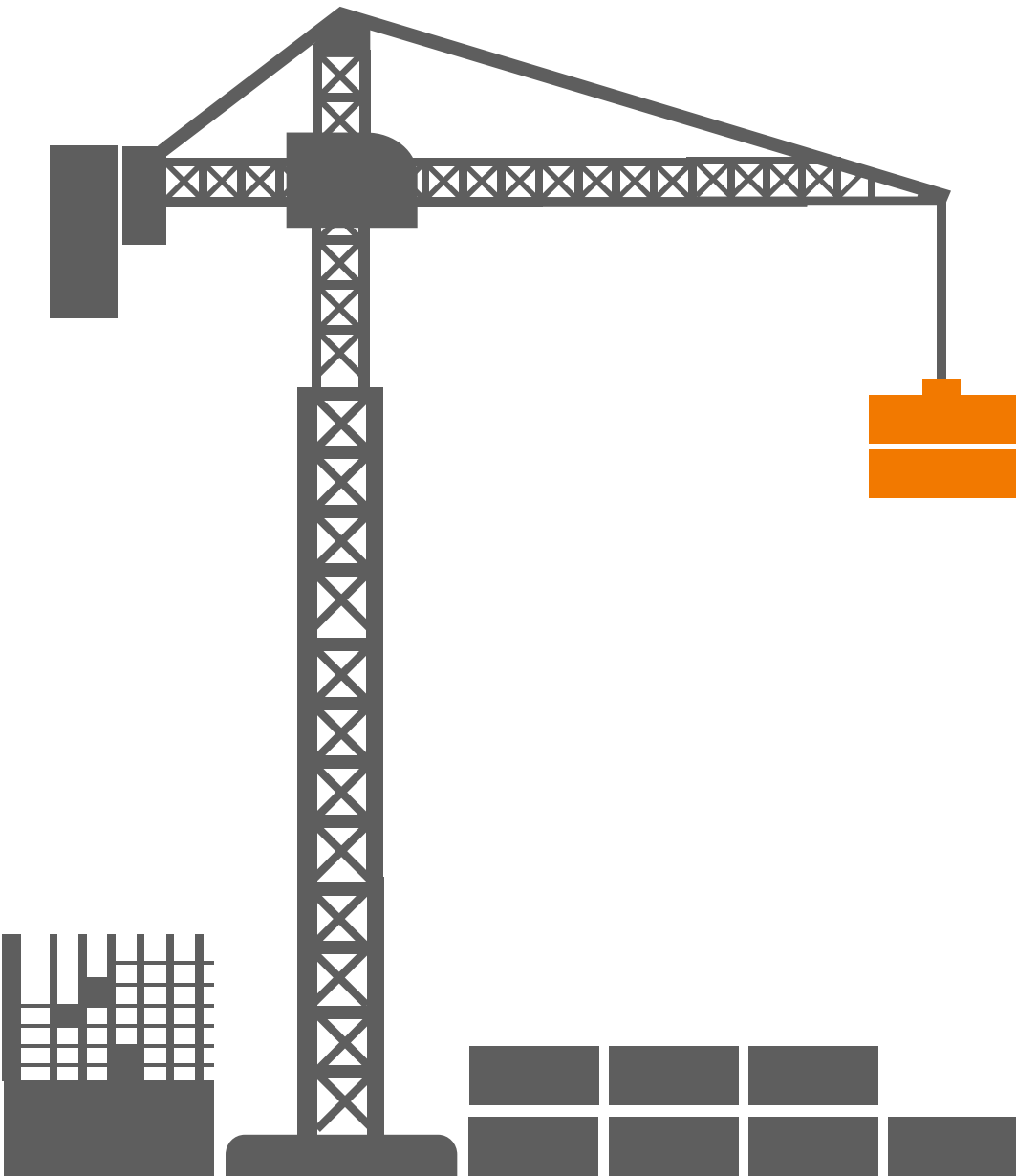
Ecolabel for Building materials products Trend and Business opportunity in Thailand



September 27, 2019

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Thailand Environment Institute





Outline

- 01** Ecolabel in Thailand : Green label : Building materials Criteria.
- 02** SCP in Thailand.
- 03** Thailand Economic trends of Building materials.
- 04** Thailand Investment Policy.

Ecolabel In Thailand

TEI THAILAND
ENVIRONMENT
INSTITUTE

Type I



Type II



Type III



Others



Green Label : Thailand



Develop and Revise Criteria

Certify Green Label

Promote and Share
the Project Information

Establish Collaborative
Projects

Fig 1 Activities of Green Label

MOU

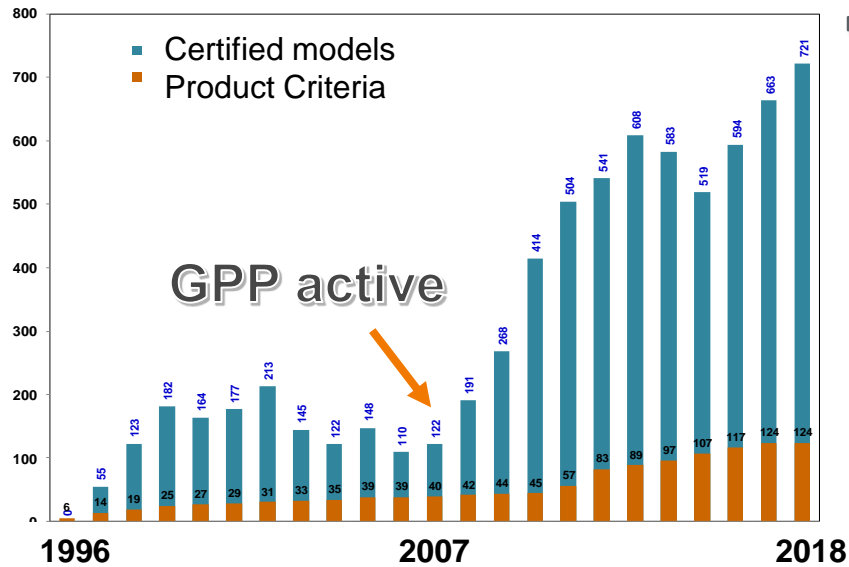
12 Organizations



1. Green Mark Taiwan (2001)
2. Korea Environmental Labelling Association (2002)
3. The New Zealand Environmental Trust (2004)
4. Japan Ecomark (2004)
5. Australia Environmental Labelling Association (2005)
6. China Environmental Labeling Program (2007)
7. Taiwan Green Building Material Label (2013)
8. Green Choice Philippines Programs (2014)
9. Hong Kong Green Label Scheme (2015)
10. SIRIM, Malaysia (2016)
11. Blue Angel, German (2016)
12. Green Pro, India (2019)



Green Label : Thailand



Total 124 Products criteria

34 Products certified **97** companies

666 models

As of August 2019



Transformers (51)



Vehicles (45)



Fire extinguisher (39)



Printing Paper/Tissue paper (65/36)

Photocopier (121)



Paints (226)

34 Green Label criteria for Building materials and Accessories



Paints



Wall coverings



Insulation



Roof tiles



Lighting



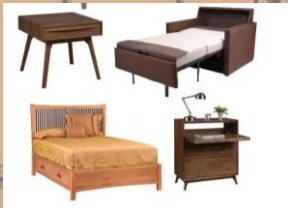
Building glass



Floor tiles



Bricks and blocks



Furniture



MDF



Adhesives



PE and PVC pipes



Cement board



Cement



Windows



Door



Carpet

336 Certified models from 15 Criteria of Building materials and Accessories



**Paints
(226)**



Wall coverings (1)

Tap (12)



Closet (19)



Insulation (13)



Roof tiles (5)



Lighting (3)



Floor tiles (4)



Bricks and blocks (1)



Furniture (3)



Cement board (1)



Cement (2)



**Fire extinguisher
(39)**



Adhesives (6)



**PE and PVC pipes
(3)**

Benefits of environmental friendly materials



No hazardous substances



Safe for health



Save energy



Use recycle content and/or
Recyclable materials



Reduce waste



Save cost of waste
management





Key Drivers and Main Challenges



CSR



COSTS



VALUE

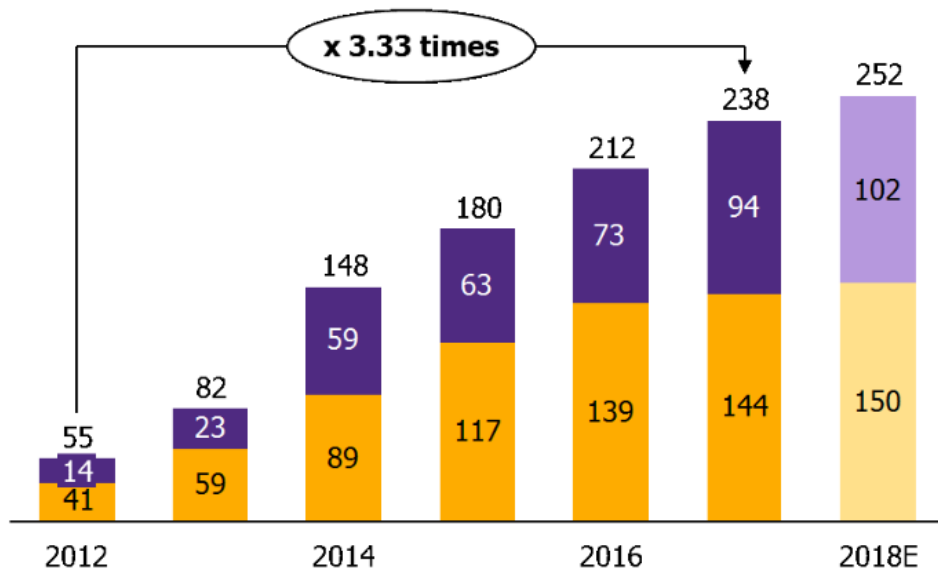
- Improving corporate image and CSR
- Lower operating costs with green buildings
- Higher asset value

Benefits of environmental friendly materials

Figure 1: The number of green building in Thailand has risen above 3 times in the past 5 years (2012-2017)

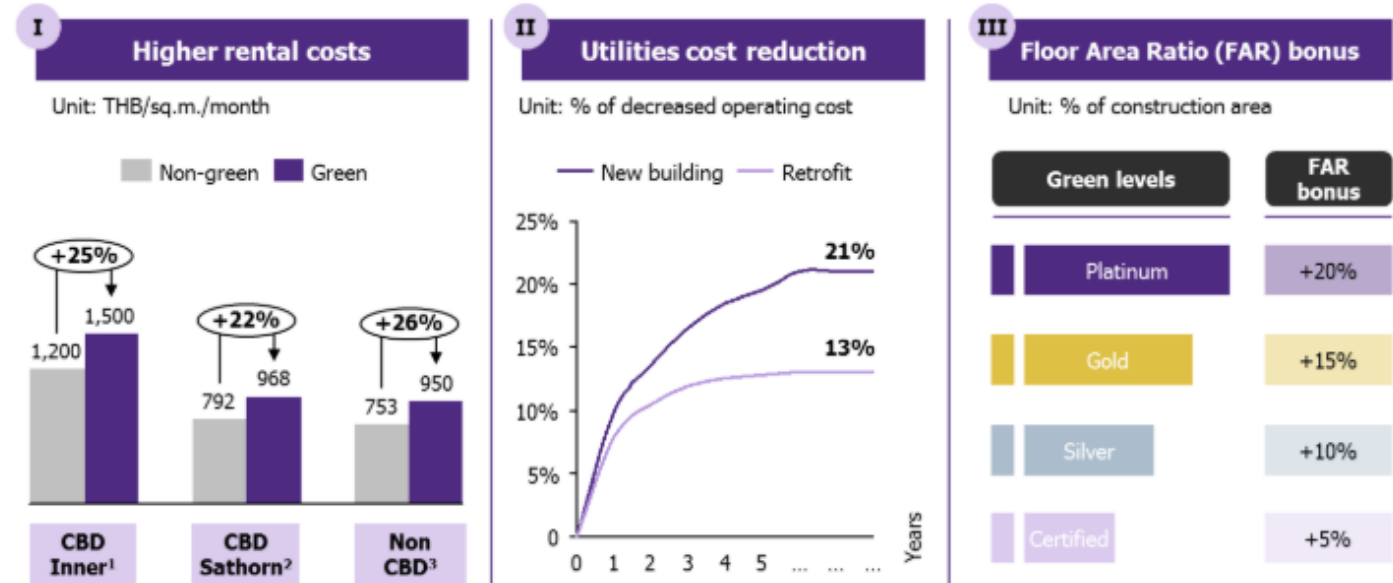
Unit: Number of building

TREES certified LEED certified

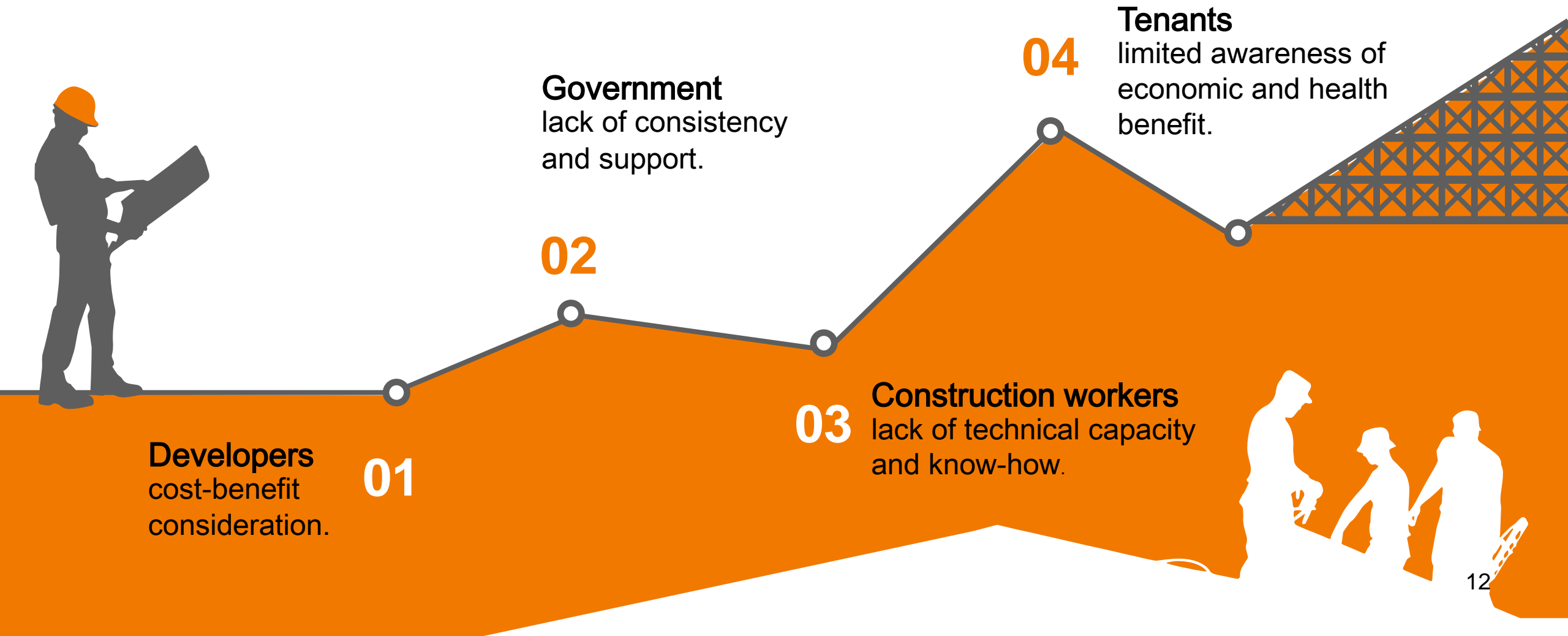


Source: EIC analysis based on data from USGBC and TGBI

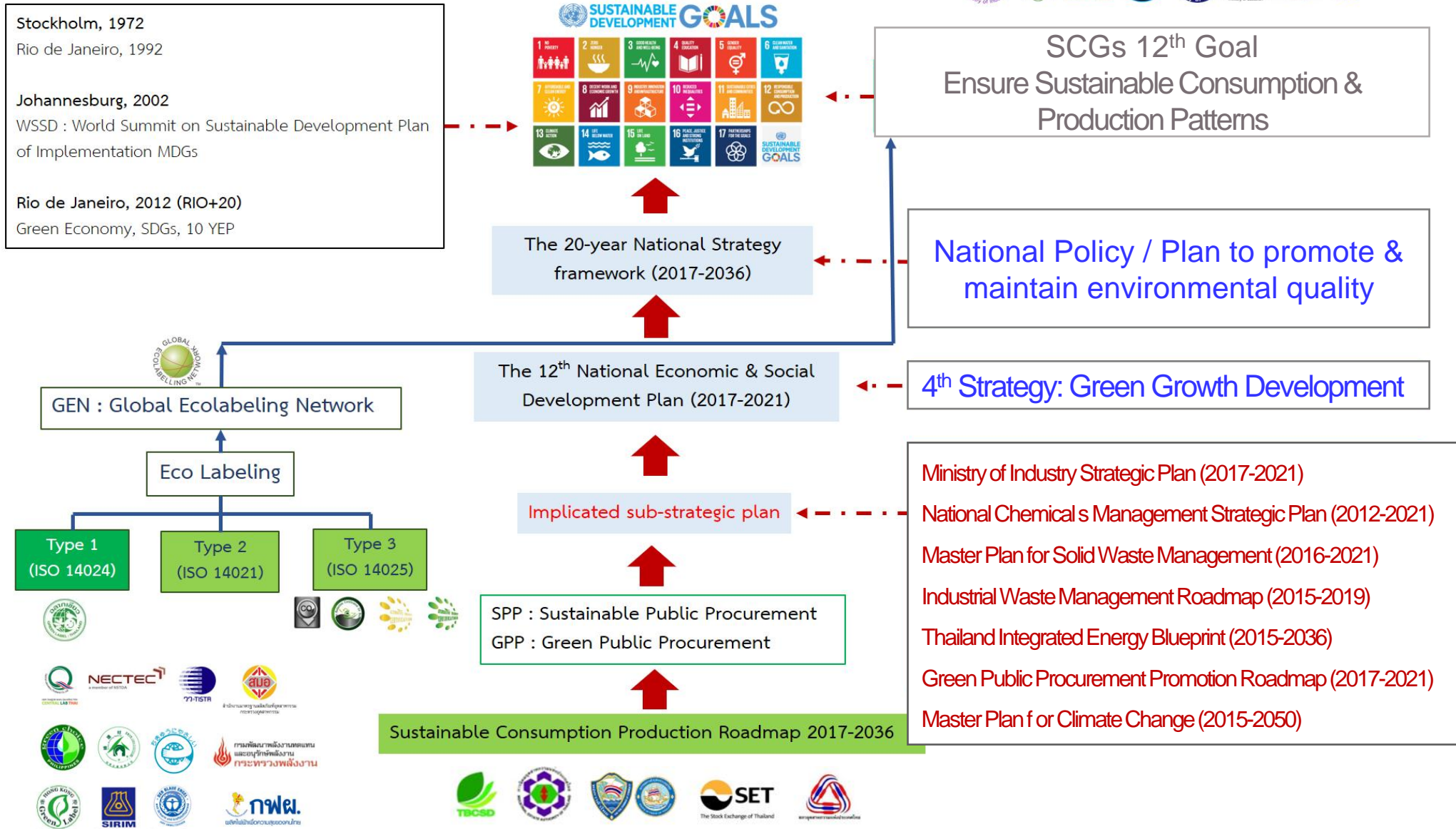
Figure 2: Benefits that developers will receive from developing the green building in Thailand



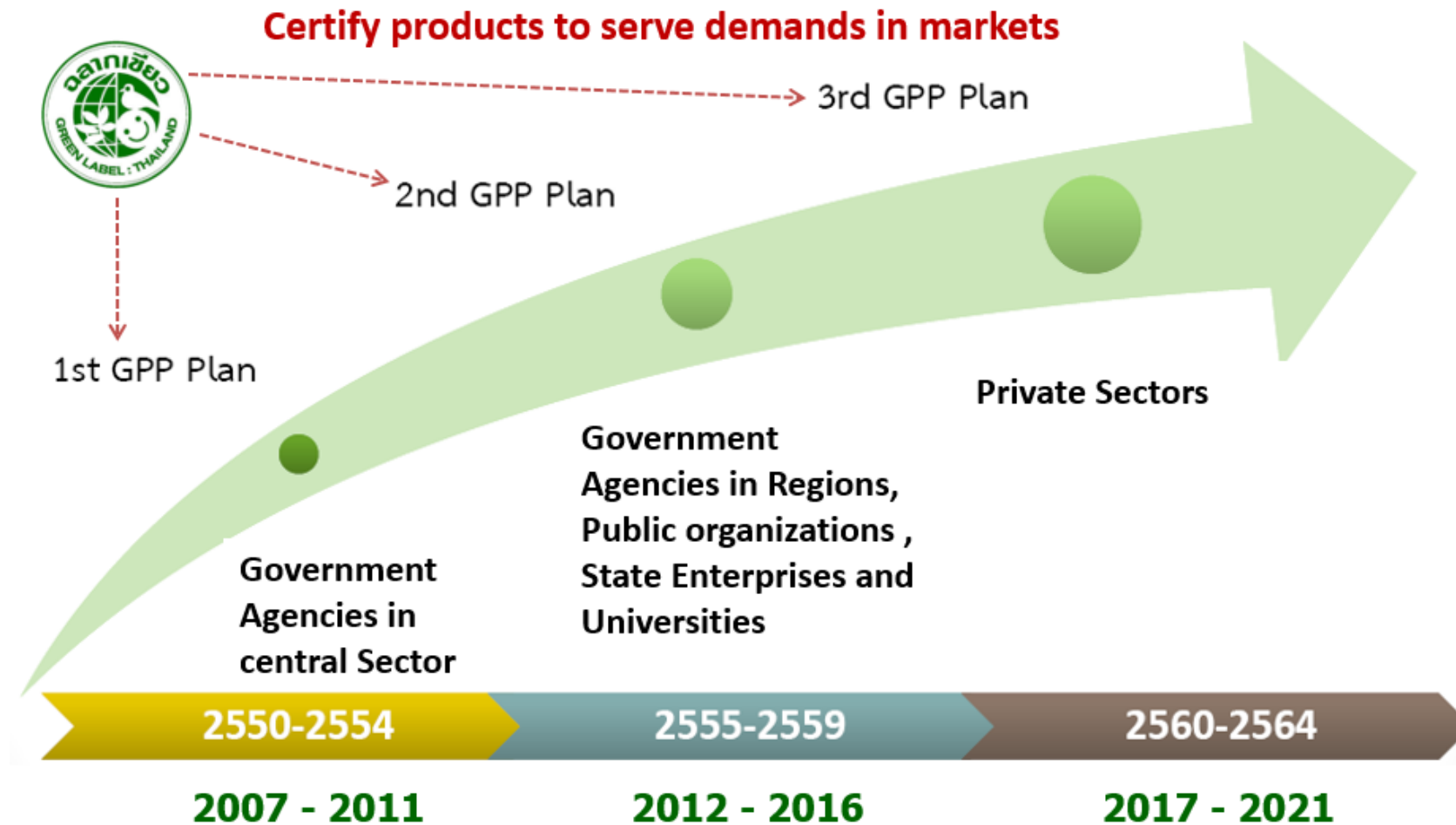
Main Challenges hampering green Building in Thailand



SCP in Thailand



GPP in Thailand



Result of GPP in Thailand

Record from phase 2



1,032
Participating
Departments



718 Records



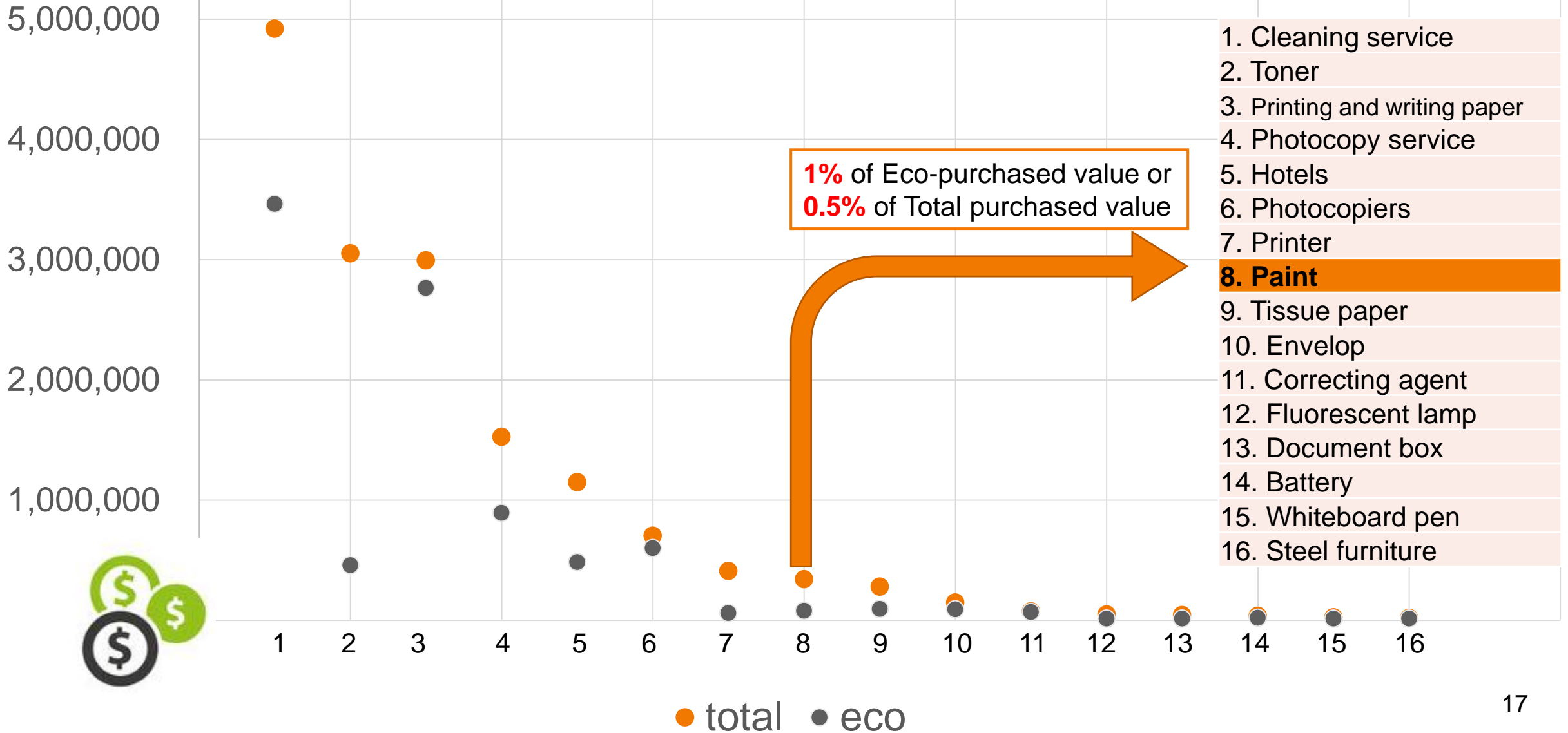
38,500
Tons CO₂e

Purchased Value
9.2 M \$USD
(58% from total value)

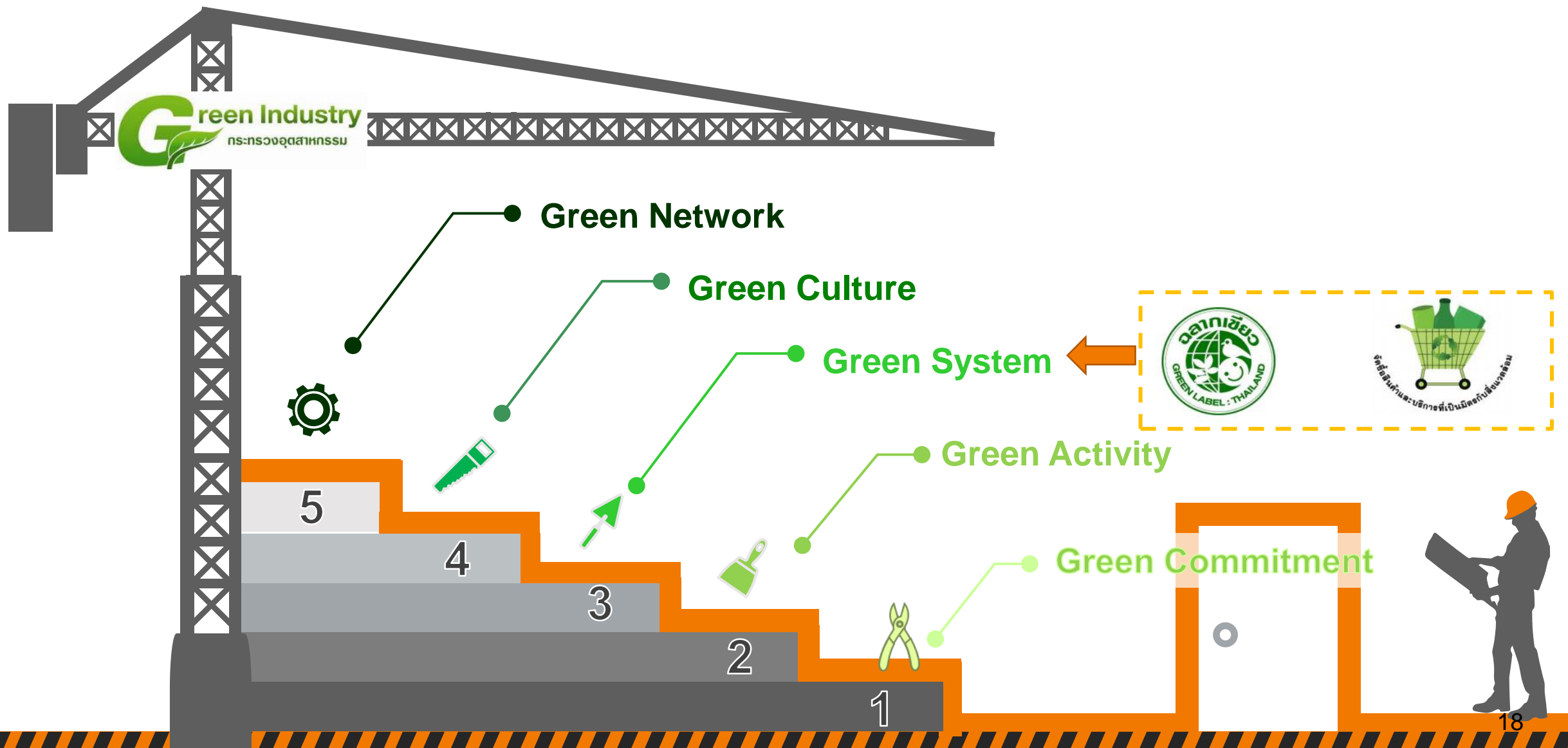


Result of GPP in Thailand

Ecolabel product purchased value 9.2 M\$ from total 15.7 M\$



Government Procurement Act. 2017



Thailand Economic Results and Trends

GDP

Q2/62

2.3

H1/62

2.6

Consumption

การอุปโภคบริโภคเอกชน



Private

การอุปโภคบริโภคของรัฐบาล



Government

ปริมาณการส่งออก (G&S)

Export value



มูลค่าการส่งออกสินค้าในรูป US\$ (-4.2%)*

การลงทุนรวม
Total Investment



เอกชน +2.2 ภาครัฐ 1.4

Production

สาขาเกษตรกรรมฯ



Agriculture

สาขาการผลิต
สินค้าอุตสาหกรรม



Industrial

สาขาการก่อสร้าง



Construction

สาขาบริการที่พักแรม
และบริการด้านอาหาร



Service and Hospitality

สาขาบริการ
ขายส่งขายปลีกฯ



Retail/Wholesale

สาขาบริการขนส่งฯ

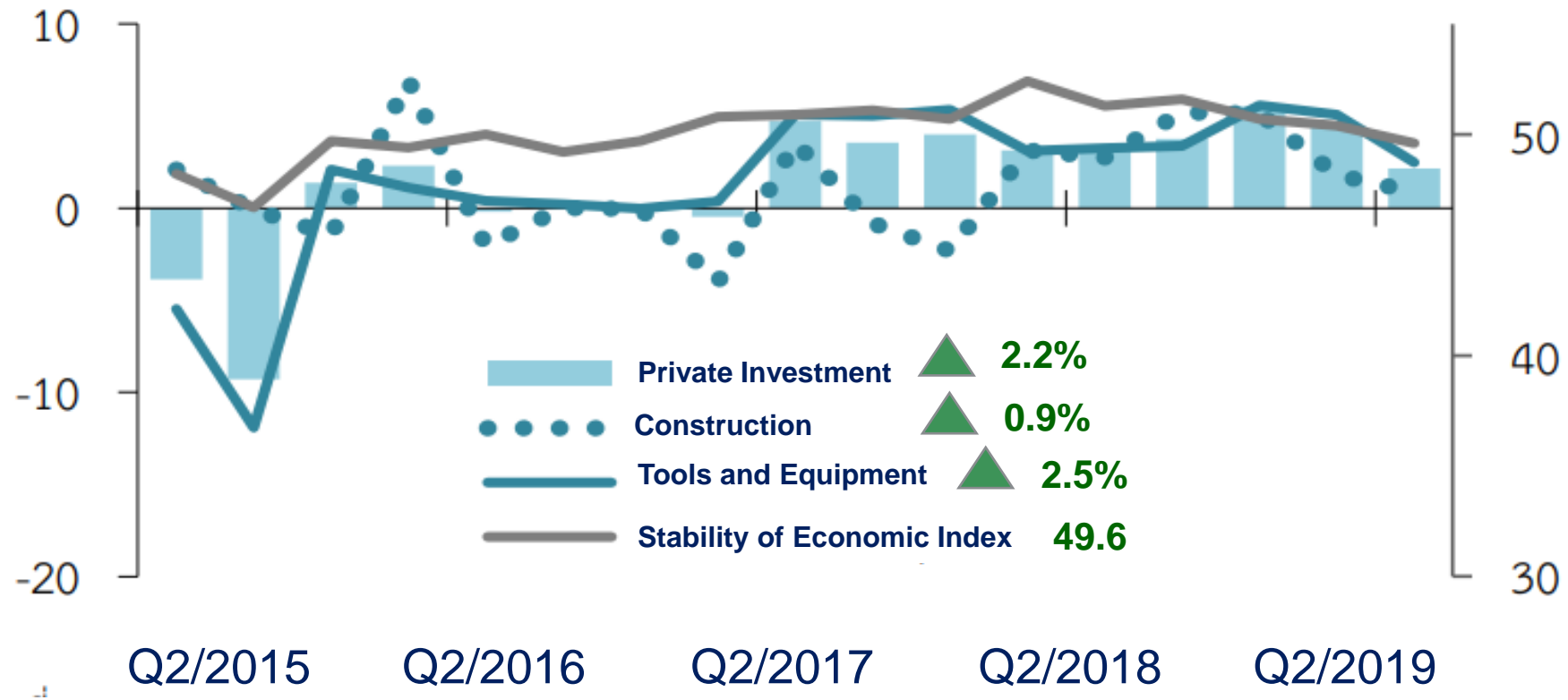


Transportation

Thailand Economic Results

Total Investment ▲ 2.0%

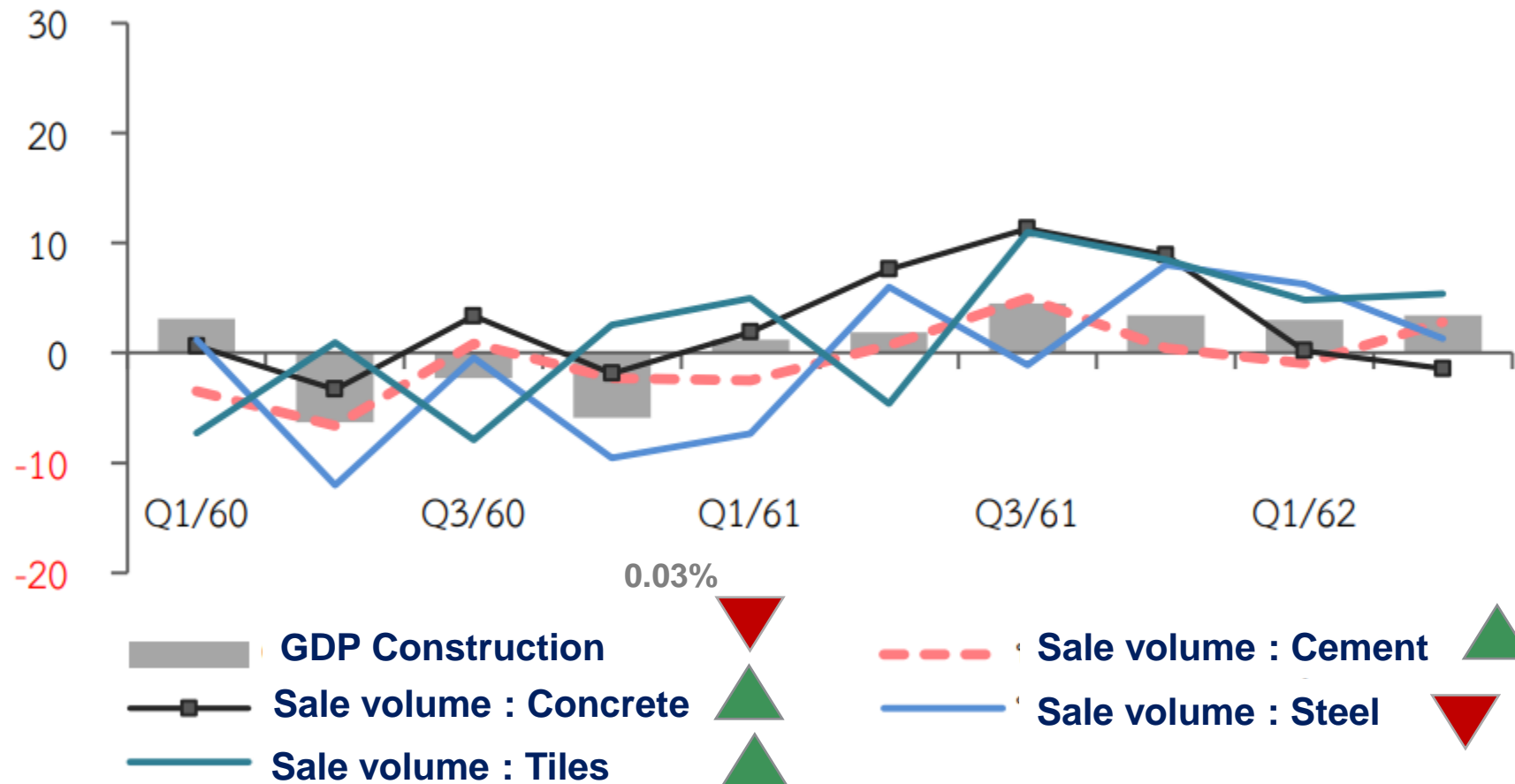
Economic Index : Private Investment



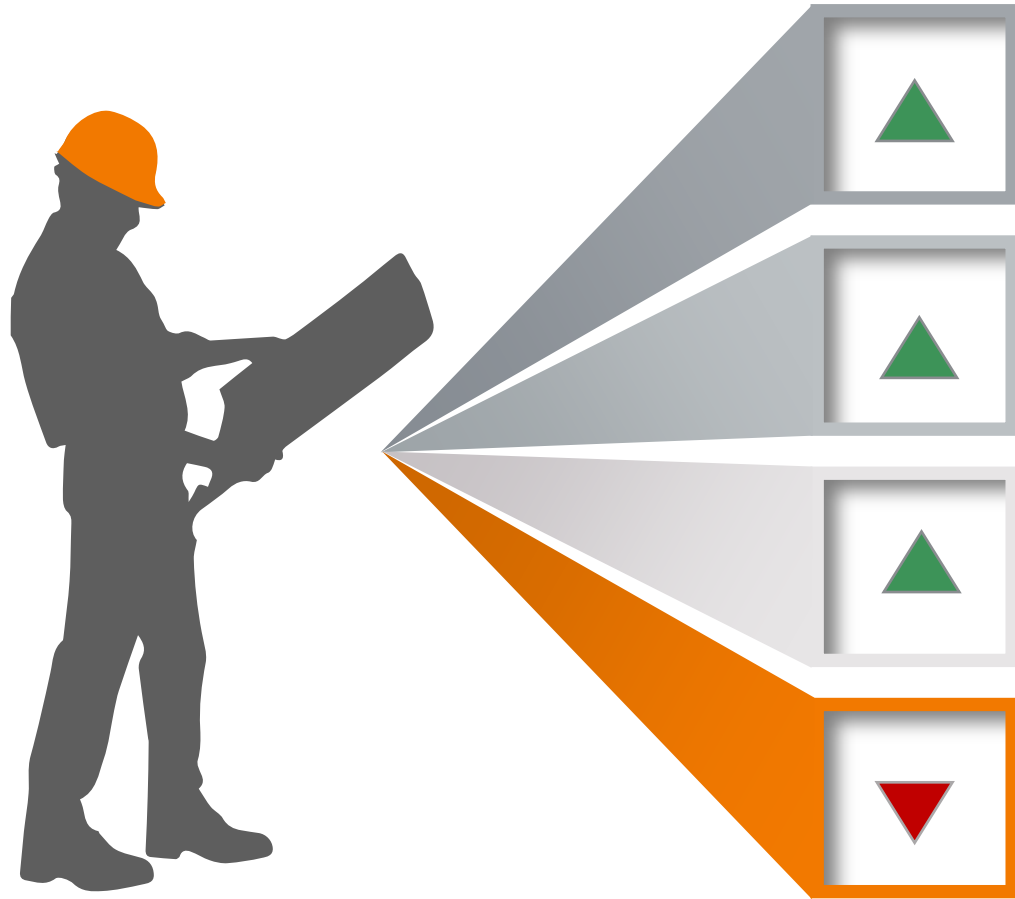
Ref : Bank of Thailand

Thailand Economic Results

Economic Index : **Construction and Domestic total sale volume**
(%YoY)



Summary as of Q2 of 2019



GDP Construction increase at 3.4%

Economic index of Private investment increase at 2.2%

Trend of sale volume will be increase for : Concrete, Cement, Tiles

Trend of sale volume will be decrease for steel



THAILAND'S INTERNATIONAL RANKING



Most popular city
for international tourists

Best country
to start business

Happiest economy
in the world

Investment Policies

WHY Thailand?



**Strategic Location
& Connectivity**



**Strong Economic
Fundamentals**



**Business friendly
Environment**



**Excellent
Infrastructure**



Attractive Incentives

Investment Policies

WHY
Thailand?

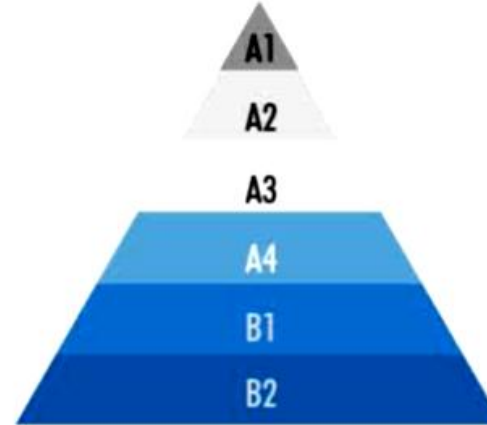
Incentives (BOI)

Merit-based

Grant additional incentives to encourage investment that benefit the country or overall industry

1. Competitiveness Enhancement
2. Decentralization
3. Industrial Area Development

Activity-based



Classified incentives based on importance of activities

including... Tax and Non-Tax Incentives

0 - 8 years
of CIT
Exemption

300% tax
deduction
on R&D
investment

Smart Visa
for investors/
experts/startups

Exemption
of import
duties on
machinery



Targets

[Combined Public and Private Investments at least 1.5 Trillion Baht in the first 5 years]

Priorities Projects (bil. Baht)

Dual-track railway
64,300 million Baht

- Feasibility study to be completed by 2019
- Open for service by 2023



U-Tapao international airport and EEC-A
290,000 million Baht

- To construct the second runway and taxiway under the framework of Eastern Airport City
- Tenders submission in March 2019
- Open for service by 2023



Map Ta Phut port
55,400 million Baht

- Under an environmental study
- Tenders submission in February 2019
- Open for service by 2025



Laem Chabang port
114,047 million Baht

- Under an environmental study
- Tenders submission in March 2019
- Open for service by 2023



New Cities / Hospitals
400,000 million Baht



Industry
500,000 million Baht



High-speed train connecting 3 airports
182,524 million Baht

- Tenders Submitted
- Open for service by 2023



Motorway
35,300 million Baht



Tourism
200,000 million Baht



Conclusion

01

**Ecolabel in Thailand
: Green label :
Building materials
Criteria.**

About **50%** of
Green label
certified for
Building
materials.

02

SCP in Thailand.

GPP most
purchased products
is **office supply**.
Only one record of
Ecofriendly building
materials is paint
which is purchased
about **0.5%** from
total purchase value.

03

**Thailand Economic
trends of Building
materials.**

Economic index
of Private
investment trend
seems to
increase.

04

**Thailand Investment
Policy.**

**Increase investment
promotion** up to
300% tax deduction
and up to 8 years
exemption.
Target investment at
least 1.5 trillion baht
in 5 years.

Thank you !!



Contact



www.tei.or.th/Greenlabel



www.facebook.com/thaigeenlabelscheme

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