



**Tanasak Sakariganon**

Managing Director , Siam Sanitary Ware Co., Ltd.  
Chairman, SCG eco value Committee

- ❑ Historical roots in producing **Cement** and expanded to **Petrochemicals, Paper & Packaging, Building Products, and Distribution.**
- ❑ Listed on the Stock Exchange of Thailand since **1976.**
- ❑ Total employees of **53,096 persons** (31<sup>st</sup> December 2015).
  - 36,477 persons in Thailand
  - 16,619 persons in ASEAN



## Core Business Units:



**SCG** Cement - Building Materials

**SCG** Chemicals



**SCG** Packaging



## Business Philosophy

Adherence to **Fairness**

ตั้งมั่นในความ**เป็นธรรม**

Dedication to **Excellence**

มุ่งมั่นในความ**เป็นเลิศ**

Belief in the **Value of the Individual**

เชื่อมั่นใน**คุณค่าของคน**

Concern for **Social Responsibility**

ต้อมั่นในความ**รับผิดชอบต่อสังคม**



ดำเนินธุรกิจด้วยความสมดุลทั้งด้าน  
เศรษฐกิจ สังคม และ สิ่งแวดล้อม  
ภายใต้ **หลักธรรมาภิบาล** เพื่อความยั่งยืน

การกำกับดูแล  
**Governance**

เศรษฐกิจ  
**Economy**

สิ่งแวดล้อม  
**Environment**

สังคม  
**Society**



**BUSINESS**



Creating value for  
our  
customers, employ  
ees, and all other  
stakeholders.

**Environment  
&  
Society**



Contributing to the  
sustainable progress  
of ASEAN and the  
local communities  
where we operate.

**SCG is an ASEAN Sustainable Business Leader**

SCG will be well recognized as an innovative  
workplace of choice, and a **role model** in  
**corporate governance** and  
**sustainable development.**

# Stronger Environmental and Social Challenges

## Existing Challenges

Volatile Market

Fierce Competition

Fluctuant Currency

Cost Competition

Compliance



## Additional Challenges

Resource Scarcity

Doubling Urbanization

Shifting Customer Behaviors

- Greener
- Transparent Governance
- **Sincere** Social Responsibility

License to Operate



# 3 Driving Stages to Create Sustainable Business

## Value Creation

### Voluntary

#### World Regulations



#### Institutes



#### Standards



#### Associations



### Compliance

#### Regional Regulations



#### Standards



#### Customer



#### Investor



#### Society

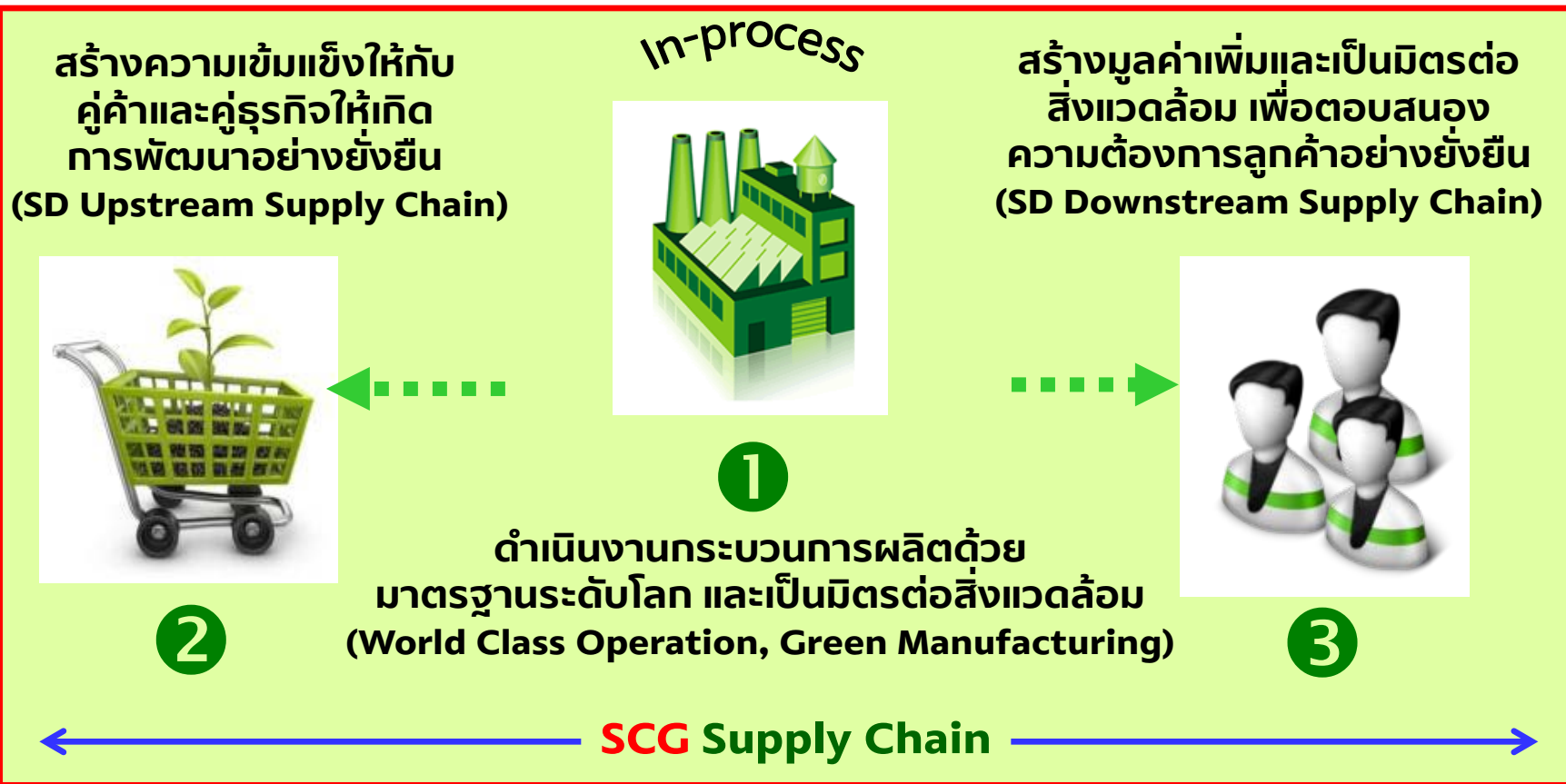


#### Supply Chain



# การบริหารจัดการตลอดห่วงโซ่อุปทาน

## Sustainable Development along supply chain



**4** ส่งเสริมเผยแพร่แนวทางการพัฒนาอย่างยั่งยืน แม้ไม่มีความเกี่ยวข้องโดยตรง (Collaboration)

# From Challenges to Initiatives

# SCG

## Corporate Governance

Code of Conduct / Whistleblower / Reporting

## Energy & Climate

Alternative Energy /  
Waste Heat Generation



## Water

3R +R Policy  
Check Dams

## Waste

Zero Waste to Landfill / 3R Policy



## Governance

Economy

Environment

Society

## Social Activity

Well-being / Partnership



## SCG eco value

Process / Product & Service



## OH&S

Safety Culture



## Green Building

Energy Conservation /  
Environmental Friendly



## Human Development

Education / Sport / Art



## Green Procurement

Greening the Supply Chain







# Green Concept:

## Green Construction and Environmentally Friendly Products



# Sustainable Development Goals:

## Ensure sustainable consumption and production patterns

# Government Policy





# Environmental Labeling

## Type I (ISO 14024): Seal of approval-compliance approval



## Type II (ISO 14021): Self-declaration of commitment to the environment



## Type III (ISO 14025): Report card-verification and disclosure of quantitative environmental impact data (base on full LCA)









# SCG...commits to innovate environmentally-friendly products and services under our **'SCG eco value'** label



## **'SCG eco value'** label

is granted to products and services of SCG with exceptional processes that minimize the effect on the environment in accordance with ISO 14021 and in combination with the needs of stakeholders and takes into account the impacts of product life cycle.

# SCG eco value

## ...Reliable standard...



All products and services that will be endorsed by **SCG eco value Label** required to be approved and certified by the Technical Team of SCG.

In general, they need to at least meet standard of **3<sup>rd</sup> party eco label** for each product category i.e. Thailand Green Label, Carbon Reduction Label. Or its green features need to be superior to other products available in the market)



Green Label Thailand



Carbon Reduction Label

## **eco** = **ecology** + **economy**

A combination of Ecology and Economy which means the right balance of environment, society and economies that is sustained and grow together.



## **value**

Values that consumer, society and the environment will gain from developing innovative products and services.



# SCG eco value



## Process

Products with environmentally-friendly manufacturing processes or design.



## Use

Products with minimize environmental impact while usage .

SCG eco value criteria;

- |                              |                                    |
|------------------------------|------------------------------------|
| 1. Designed for Disassembly  | 9. Health/Hygiene                  |
| 2. Reduce Resource Use       | 10. Extended Life Product          |
| 3. Renewable materials       | 11. Reusable & Refillable          |
| 4. Recovered Energy          | 12. Waste Reduction                |
| 5. Renewable energy          | 13. Greenhouse Gas Reduction       |
| 6. Reduce Energy Consumption | 14. Recyclable or Recycled Content |
| 7. Reduce Water Consumption  | 15. Compostable or Degradable      |
| 8. Ergonomic Product         |                                    |

# Self- declaration Process



Business Unit

**Identify** Environmental attribute



Technical Team

**Consider & Certify**  
SCG eco value Product



Brand Management Office

**Approve** Message about environmental attribute



SCG Eco Product Committee

**Register** Product in the SCG eco value Database

\* Certificate is valid for 3 years

# SCG Eco Product 2015



SCG eco value label  
74 products



Carbon Footprint Label  
88 products



Carbon Footprint  
Reduction Label  
14 products



Carbon Reduction Label  
30 products



Green Label  
197 products



กระเบื้องเคลือบ  
Glazed Porcelain

Eco Process: Recycle  
Content



Eco Use: Reduce  
Water Consumption

ก๊อกน้ำกดได้  
รุ่น TC 1061



ฉนวนกันความร้อน  
ตราช้าง Green-3

Eco Use: Reduce Energy  
Consumption



Propylene



Eco Process: Greenhol  
gas reduction

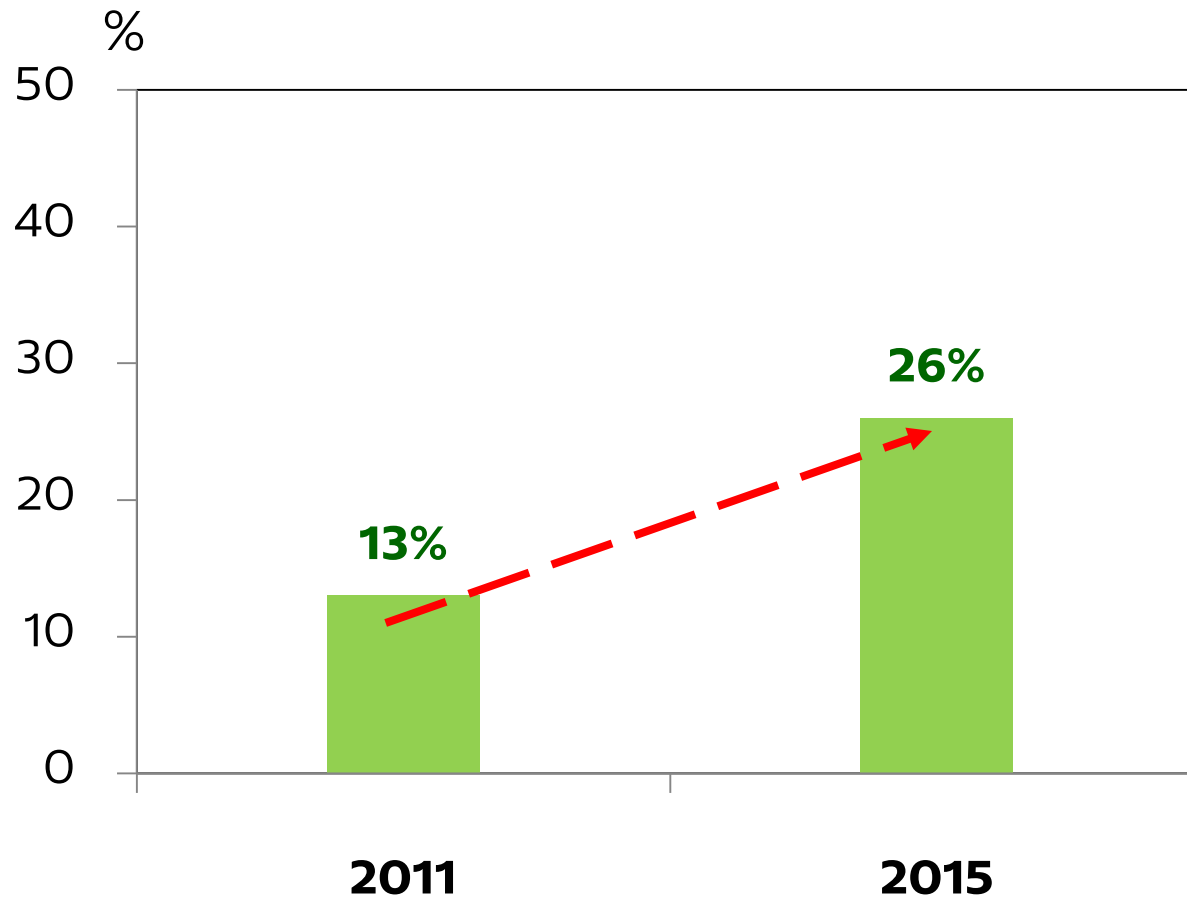


idea  
GREEN

Eco Process: Recycle Conten



“SCG have sales volume from  
SCG eco value 26% of revenue from sales”





# GREEN BUILDING PRODUCTS





# SCG PRODUCTS FOR GREEN BUILDING

ผลิตภัณฑ์ก่อสร้างสำหรับอาคารเขียว



## ARCHITECTURE

หมวดงานสถาปัตยกรรม



## STRUCTURE

หมวดงานโครงสร้าง

### CEMENT

ปูนซีเมนต์



### MASONRY

งานก่อ



### STEEL

เหล็กโครงสร้าง



### THERMAL & MOISTURE PROTECTION

งานรอบอาคาร

ROOFING  
หลังคา

HEAT & SOUND INSULATION  
ฉนวนกันความร้อนและเสียง

CEILING & WALL  
ฝ้าและผนัง



### FINISHES

วัสดุปิดผิว

SURFACE COVERING  
วัสดุกรุพื้นผิว



### SPECIALTIES

พื้นที่ใช้งานพิเศษ

BATHROOM & KITCHEN  
ห้องน้ำและห้องครัว



### TURF & GRASSES

วัสดุตกแต่งผิวภายนอกอาคาร

LANDSCAPE  
ภูมิสถาปัตยกรรม



# KEY

# BENEFITS

# 1

It represents our **SD policy** and response to our **SCG vision**



# 2

It is consistent with the concept of our **conglomerate business** through the linkage of all BUs.

# 3

It solidifies and enhances SCG's proactive, dynamic leadership, which will result in increasing **brand admiration** (Innovation & Sustainability).

# 4

It is used as **a marketing tool** for eco products of all BUs.

# LESSON

# LEARN

# 1

Brand Value



# 2

Accuracy & Transparency & Credibility

# 3

Knowledge & Understanding & Communication

# 4

Business Opportunity



## Role model of Green Industry Level 5: Green Network

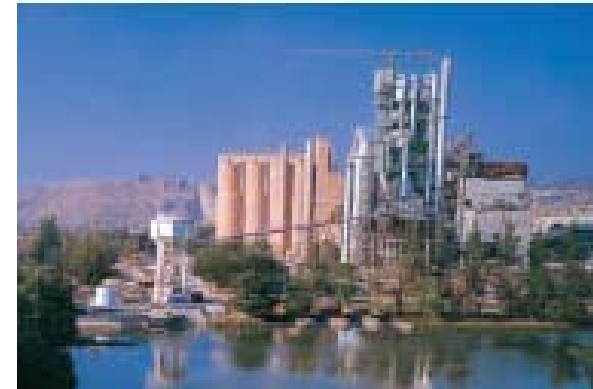
Support suppliers in conducting green businesses with corporate social responsibility.



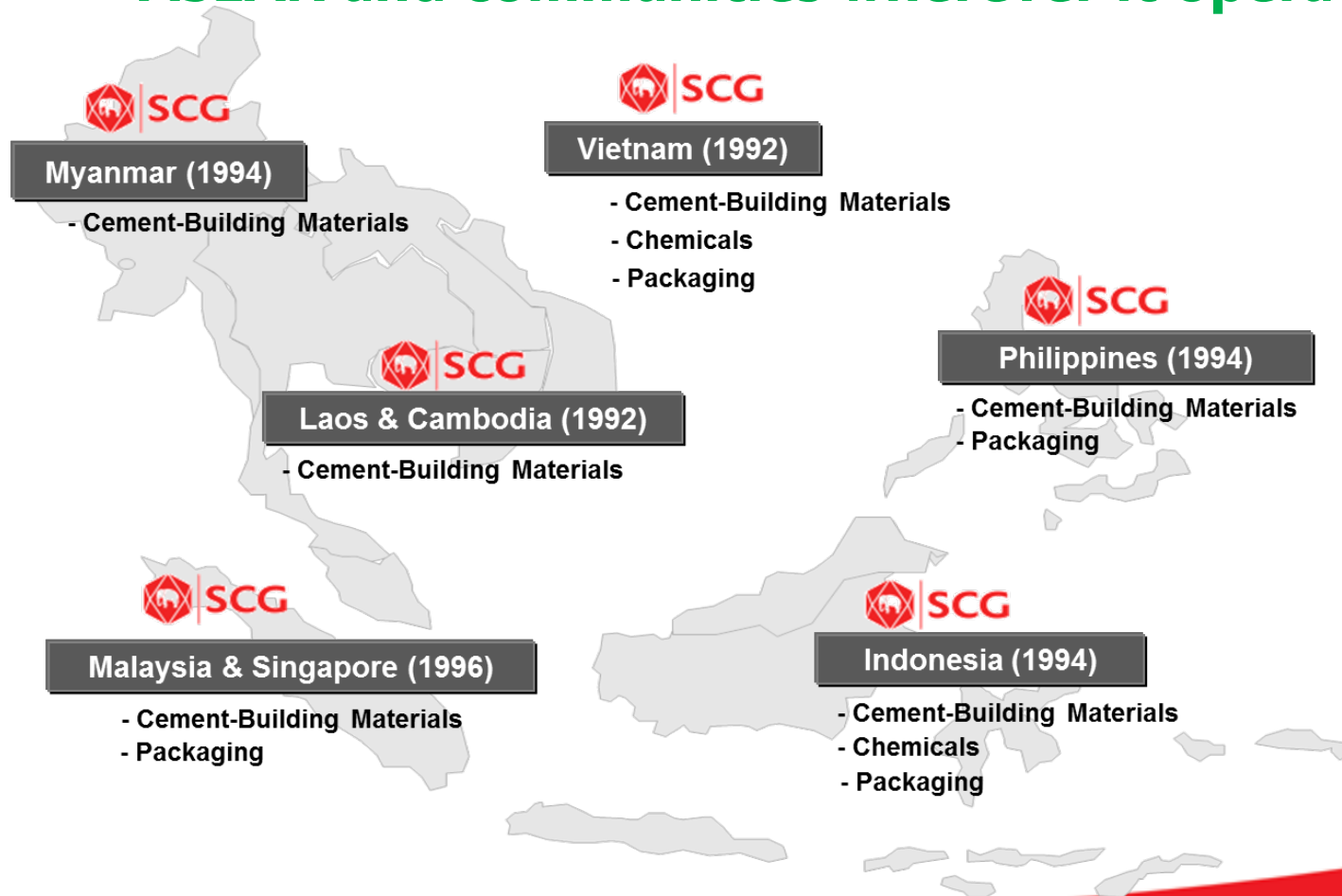
Map Ta Phut Olefin



All cement plant



**SCG strives to become a regional market leader, whose business operations contribute to sustainable growth of ASEAN and communities wherever it operates.**





MEMBER OF  
**Dow Jones  
Sustainability Indices**  
In Collaboration with RobecoSAM



**A Global Industry Leader in  
Construction Materials  
by RobecoSAM since 2011**

**Ranked in 'Gold Class' Level since 2008**

**A Member of DJSI since 2004**

\* Companies are classified to **59 Industries** according to Global Industry Classification Standard .





นวัตกรรมเพื่อสิ่งแวดล้อม