

การเติบโตอย่างยั่งยืนกับความหลากหลายทางชีวภาพ

NAC 2015



มงคล พรชื่นชวงค์
EXPLORATION MANAGER
SCG CEMENT CO.,LTD





SCG
Investment

Corporate
Administration

SCG
Chemicals

SCG
Cement - Building Materials

SCG
Paper



SCG's Vision

“ ASEAN Sustainable Business Leader ”

<h2>GoRegional</h2>  <p>ASEAN</p> <ul style="list-style-type: none">✓ Population of 600 M✓ GDP growth 5-6%✓ Familiar Market✓ Low capita consumption of basic products	<h2>High Value Added Products & Services</h2>  <p>HVA</p> <ul style="list-style-type: none">✓ Increase customer satisfaction✓ Differentiate from the competitors✓ Compete on Value to Customers, not price
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A Role Model in Corporate Governance and Sustainable Development.

Sustainable Development – Overall Solution for Sustainable Business

Economy : Profit Sharing

Stakeholder Benefit /
High Value Products & Service

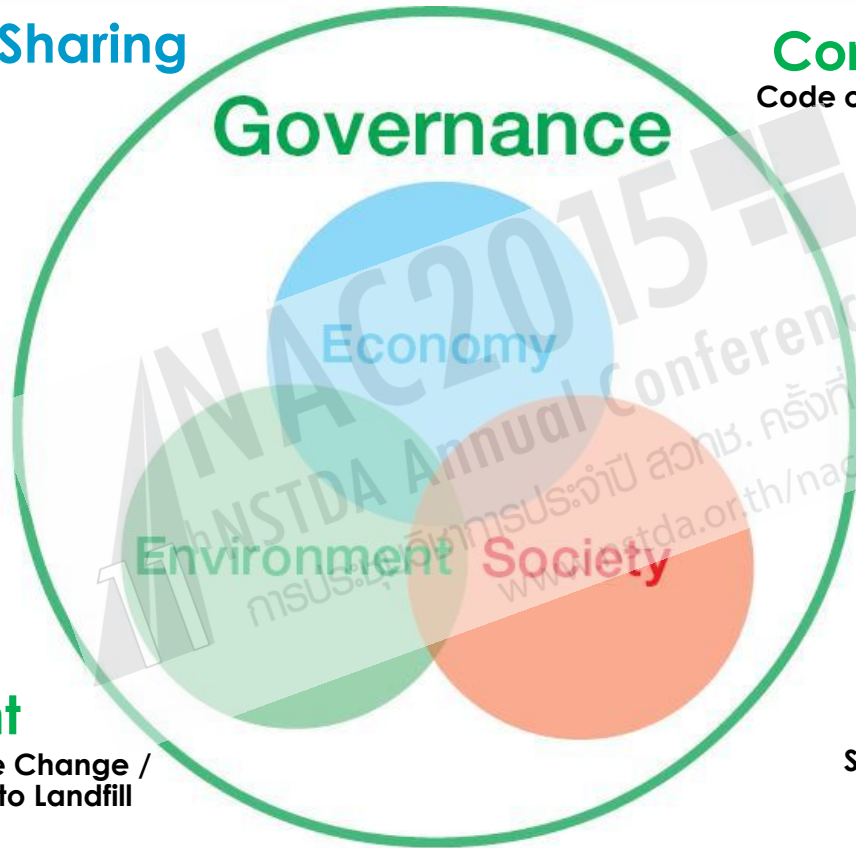
Corporate Governance

Code of Conduct / Whistleblower / Reporting



Environment

Biodiversity / Energy & Climate Change /
SCG eco value / Zero Waste to Landfill



Society

Social Enterprise / Partnership /
Human Development

SCG SD Framework



MEMBER OF

Dow Jones Sustainability Indices

In Collaboration with RobecoSAM



2011 – 2014 : Industry Leader
in Construction Materials for the 4th
consecutive year

2008-2014: Ranked in the “Gold Class”

A member of the DJSI since 2004

SCG Best Practice

NAC2015
11th NSTDA Annual Conference
การประชุมวิชาการประจำปี สวทช. ครั้งที่ ๑๑
www.nstda.or.th/nac2015

BIODIVERSITY & ECOSYSTEM

SCG's Biodiversity Activities



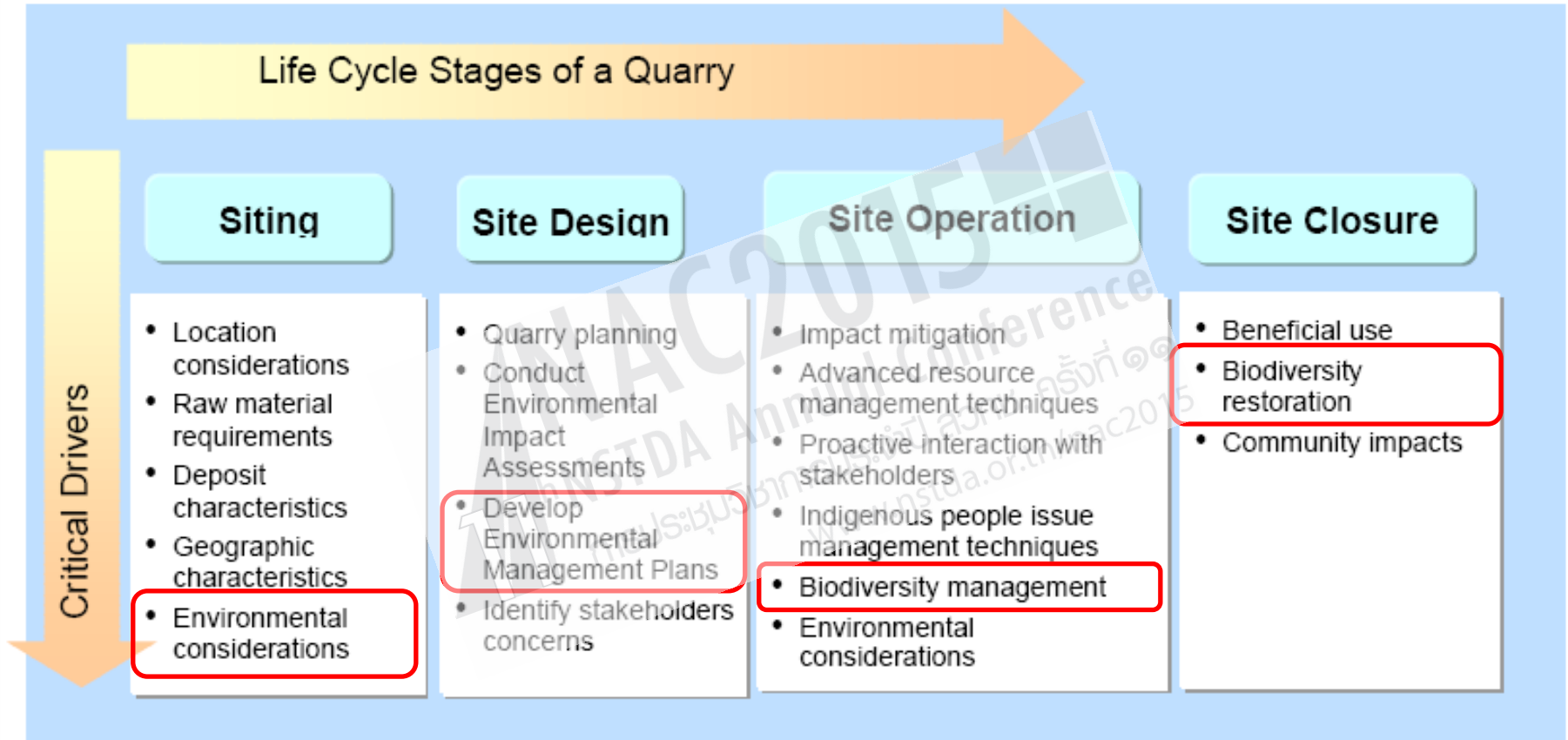
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Leading Toward, Sustainable Mining

QUARRY REHABILITATION & BIODIVERSITY

Quarry Life Cycle



Source : WBCSD/CSI (Toward Sustainable Cement Industry)

Sustainable Quarry : Site Design

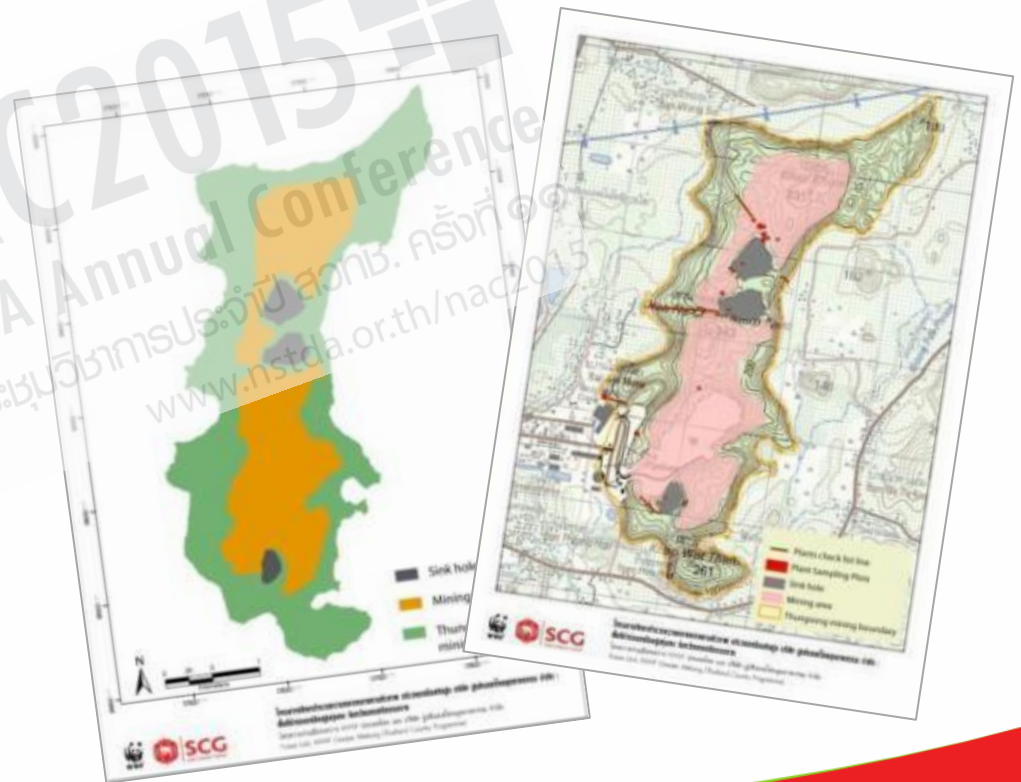
Semi-open cut mining

Objective : Design to reduce environmental impact i.e. Dust, Noise & Vibration, Visual impact



Buffer zone / Green Belt

Objective : Design to reduce environmental impact and Reserved the biodiversity baseline (local plant species)



Quarry Rehabilitation & Biodiversity

Previous -2005

2006

2007

2008

2009-2013

2014 – Next step

Phase I : Previous

Phase II : 2006 – 2012

Phase III : 2014 – Next step

- Quarry Reclamation
- Green area
- Fast growing species

- SCG Cement Rehabilitation Committee
- Rehabilitation Master Plan
- Biodiversity Baseline data

- Forest Restoration
- Biodiversity index
- Ecosystem & Biodiversity Management Plan



สำนักงานคณะกรรมการพิเศษ
เพื่อประสานงานโครงการ
อันเนื่องมาจากพระราชดำริ
(สำนักงาน กปร.)



Sustainable Quarry : Site Rehabilitation & Closure

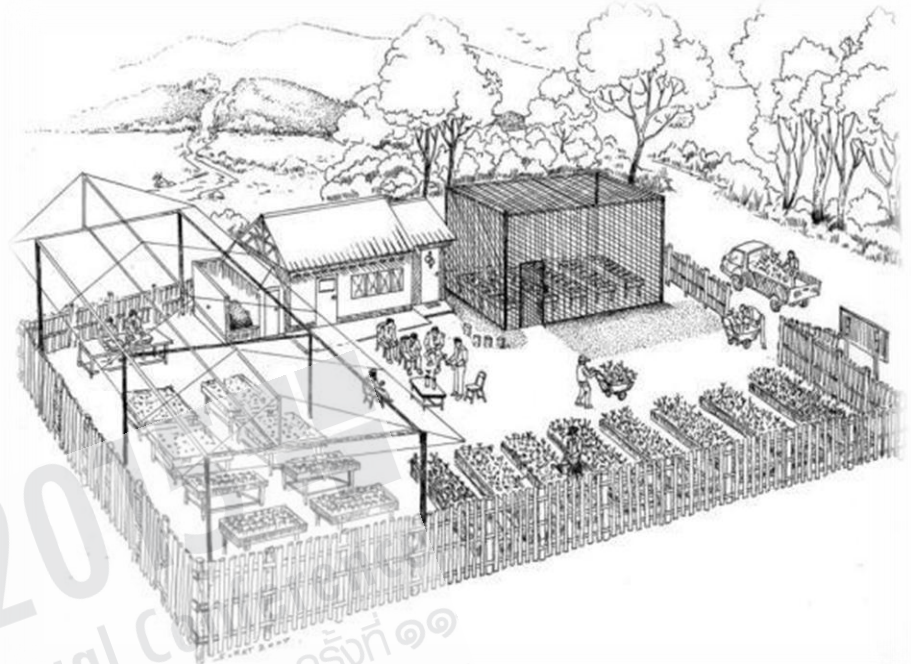
Before : JAN 2010



After : AUG 2015



Thung Song Mine



.. To be role model in Rehabilitation & Biodiversity ..

SCG BIODIVERSITY LEARNING CENTER

Sustainable Quarry : Site Rehabilitation & Closure

SCG Biodiversity & Rehabilitation Learning Center



Sustainable Quarry : Site Rehabilitation & Closure

SCG Biodiversity & Rehabilitation Learning Center



Biodiversity & Plant Nursery



Example of local plant species



Example of rehabilitated model



Sustainable engagement with stakeholders

- Participate to quarry rehabilitation (Plantation)



SCG รักชน้ำ ให้ออกดก

สนับสนุนชุมชนโดย
สร้างฝายในใจคน ... สู่ชุมชนยั่งยืน



Check Dam & Biodiversity

51,813 ฝาย

2008

2009

2010

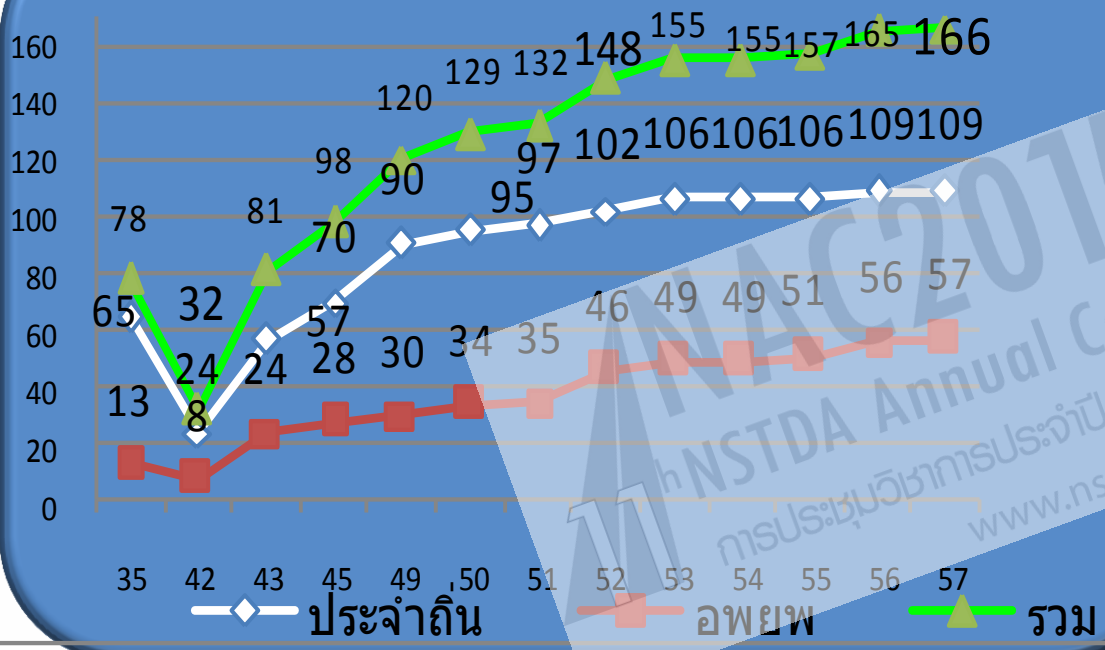
2011

2012

2013

2014

Kickoff 1 วัน 1,000 ฝาย 10,000 ฝาย ตายๆ 20,000 ฝาย ตายๆ 30,000 ฝาย ตายๆ รวมพลคนสร้างฝายปี 6



นกที่พบ... ดั้งนี้ชีวิต
ทางธรรมชาติ



Reward & Recognition

Previous -2005

2006

2007

2008

2009-2013

2014 – Next step

Phase I : Previous

Phase II : 2006 – 2012

Phase III : 2014 – Next step

❑ EIA Monitoring Award

❑ EIA Monitoring Award

❑ CSR DPIM

❑ Green Mining - Limestone quarry

❑ โรงโม่เหมืองหินติดดาว

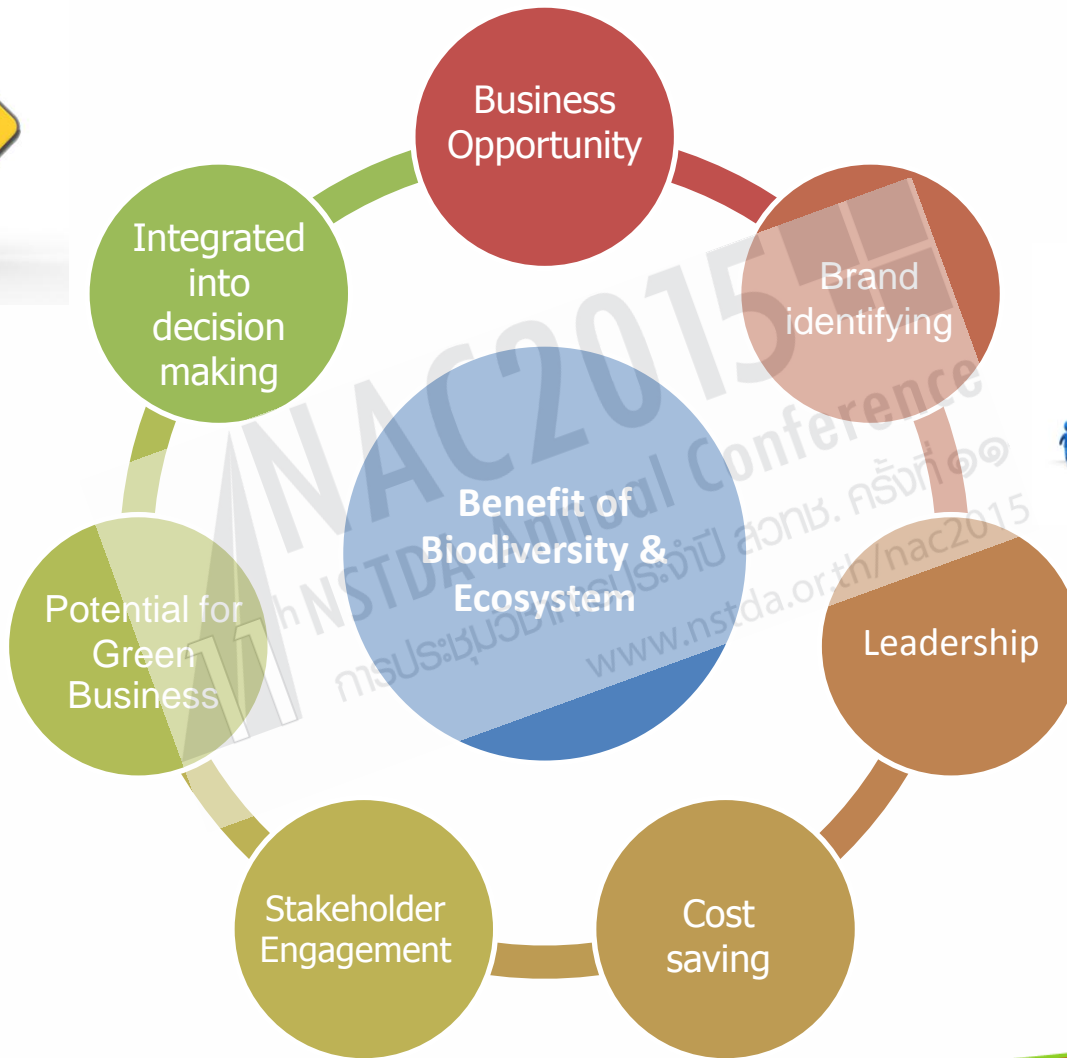
❑ Green Industry Level 4/5

❑ EIA Monitoring Award

❑ Green Mining Award – all mines

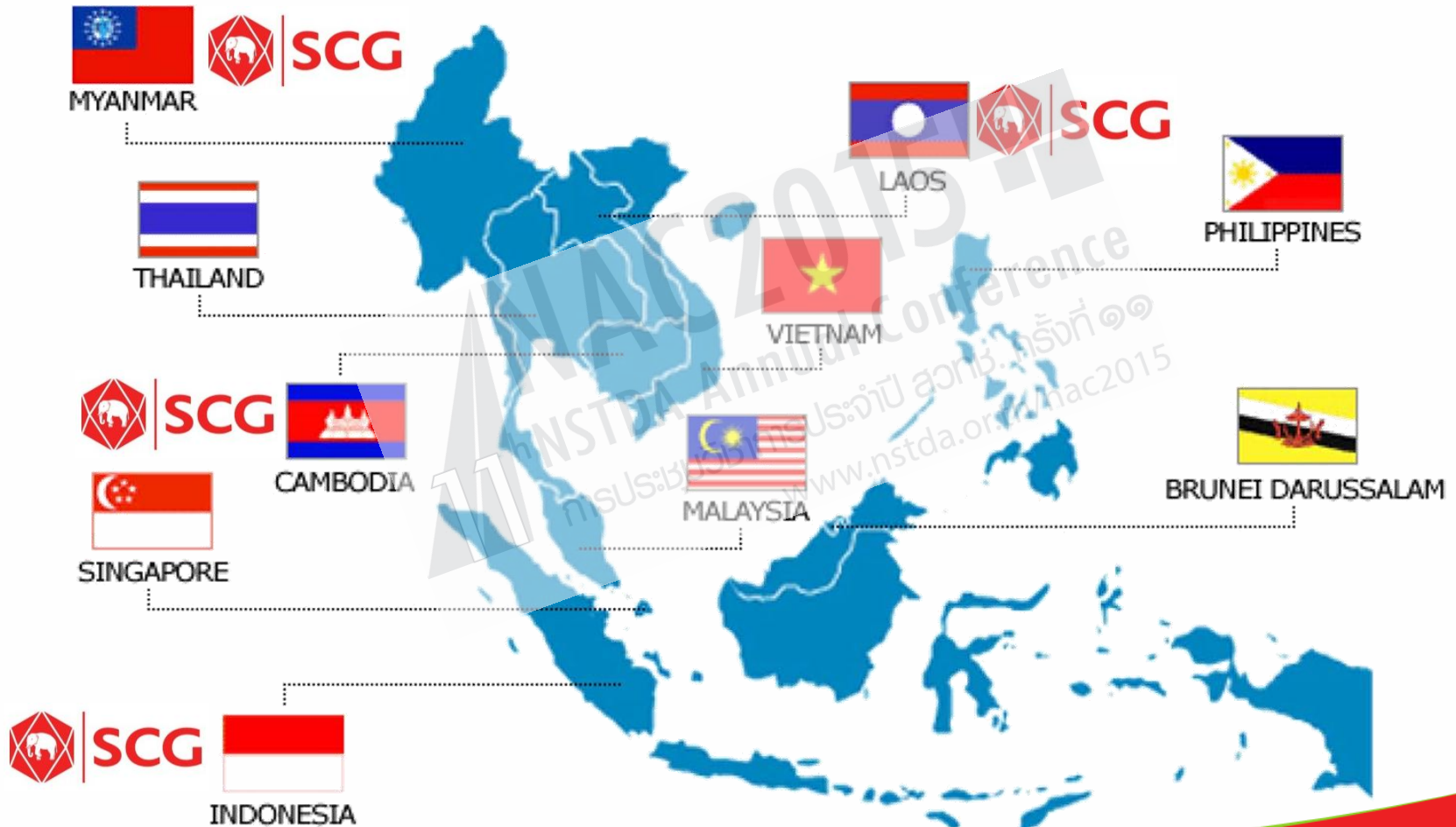


Biodiversity & Business



SCG in ASEAN

“ A Role Model in Corporate Governance and Sustainable Development ”



Sustainable Development is in your hands



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