



SCG Biodiversity Program 2020

Biodiversity Assessment & Biodiversity Management Plan

March, 2021

Biodiversity and Ecosystem – Target, Strategy & Management

Biodiversity is under threaten with accelerating species extinction rate upon impact of human activities. SCG, recognizing the importance of biodiversity and ecosystem, thus implements biodiversity conservation project wherever it conducts business, and is committed to achieve “Net Positive Impact” in all processes involved.

Targets

2052

Net Positive Impact after closure of first quarry

2022

Similarity Index in rehabilitated quarry area must equal to buffer zone at higher than 60%

Strategy

1. Sustainable management of biodiversity benchmarked to international indicators.
2. Engage communities and stakeholders to raise awareness and understanding in ecosystem conservation and biodiversity
3. Be a model of biodiversity conservation and extend scope to other areas.

Management

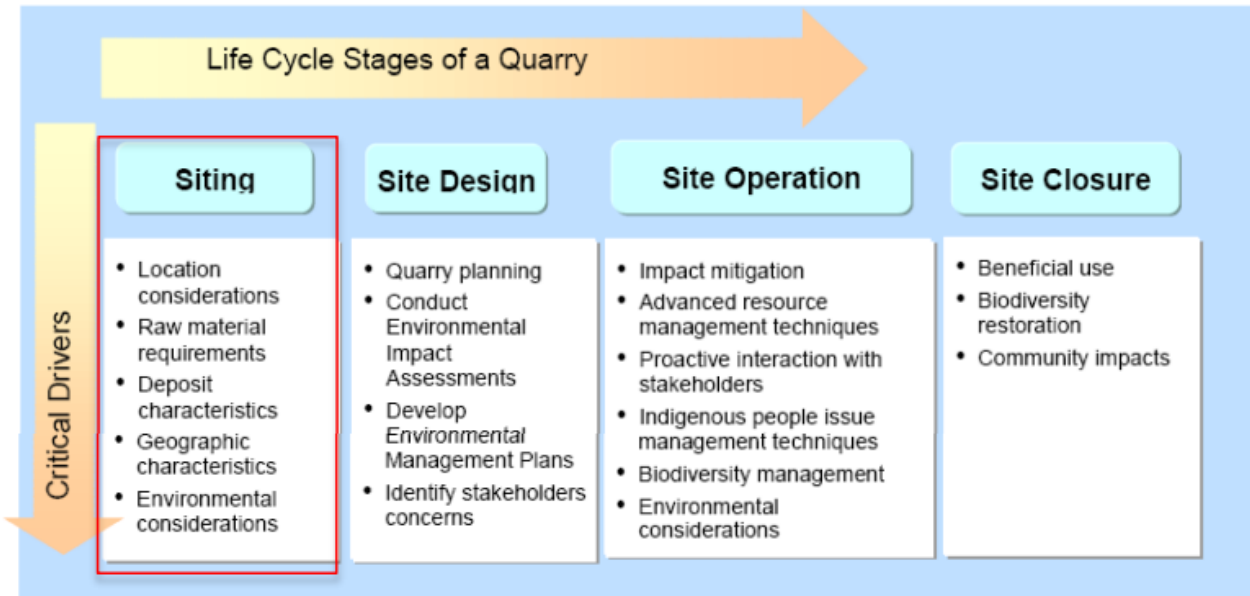
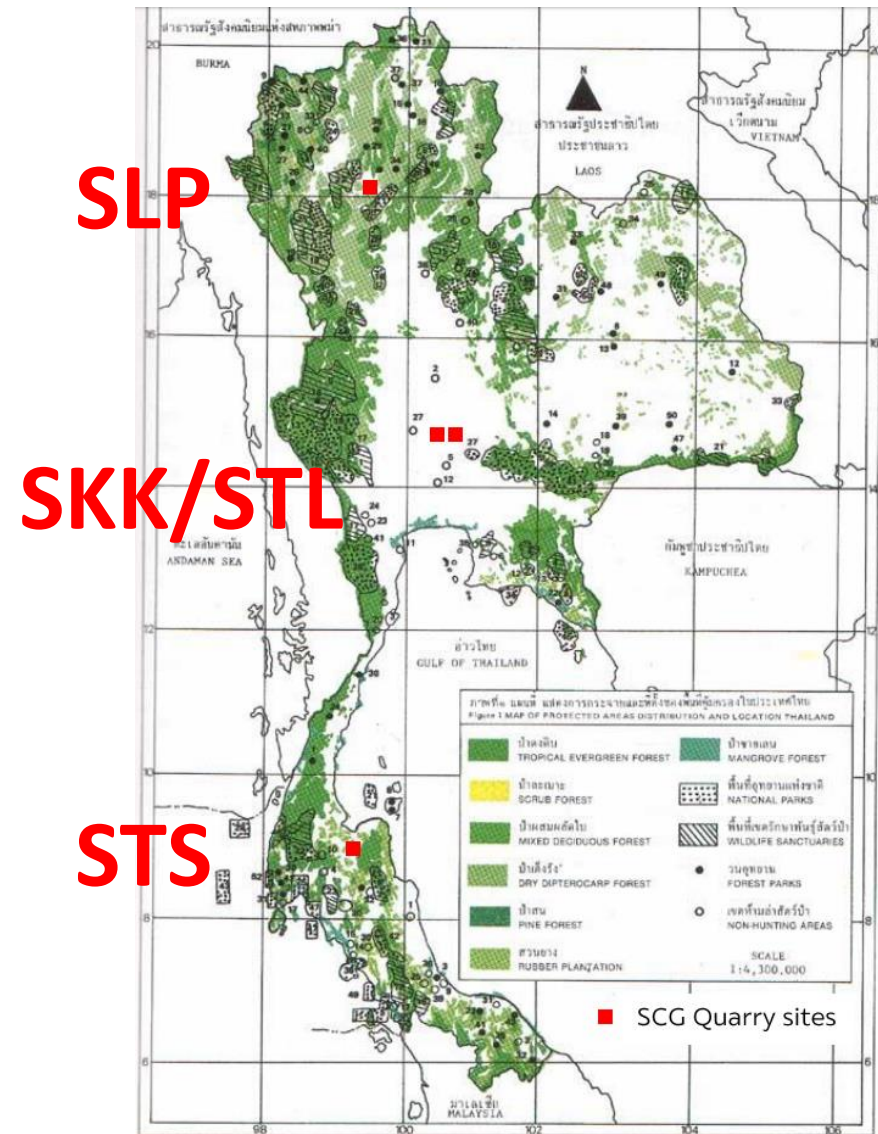
1. Sustainable management of biodiversity benchmarked to international indicators.
2. Engage communities and stakeholders to raise awareness and understanding in ecosystem conservation and biodiversity.
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SCG Quarry Sites vs. Thailand Protected Area

GRI EN11: High Biodiversity Value Thailand's Protected Area

- Wildlife Sanctuaries
- National Parks
- Forest Parks

SCG has no quarry site located in globally or nationally important biodiversity area, including Thailand's Protected Forest Area such as Wildlife Sanctuary, National Park or Forest Park announced by laws



Total Land Area of the Sites, Area Used for Production, and Extraction or Plantation Activities

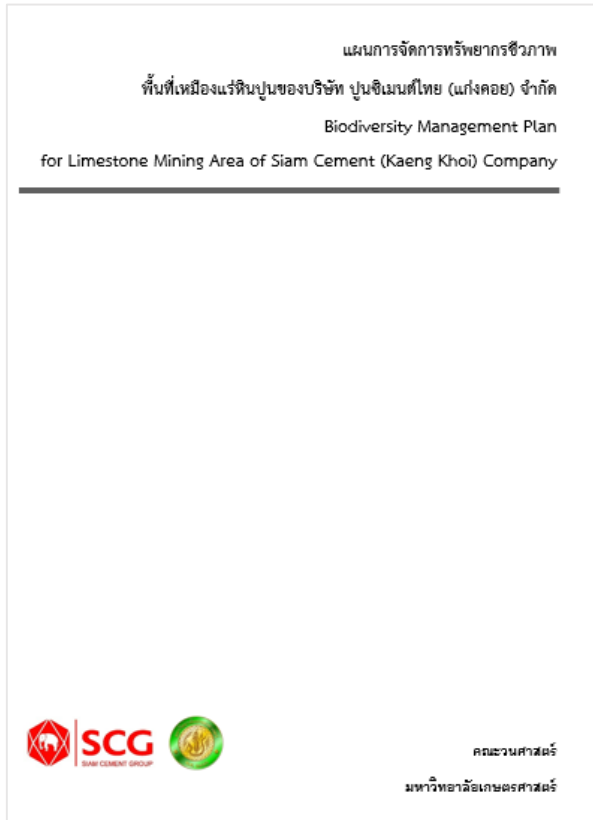
Year 2020

Quarry	Total Concession Area (Ha)	Buffer Zone (Ha)	Open-quarry Area (Ha)	Rehabilitated Area 2019/2020 (Ha)
SKK	412	122	290	40/42
STL	773	352	421	41/42
STS	796	480	316	9/10
SLP	798/933	413/541	117/392	15/15
Total	2778/2914	1360/1495	1144/1419	105/109

Rehabilitated area accounts for 7.67% of total open-quarry area

Note: SLP has added 135 Ha of Shale Mines in their boundary.

Biodiversity Management Plan – SKK & STL (Kaeng Khoi & Tha Luang)



Project Leader

Assist. Prof. Dr. Sakhan Teejuntuk

Faculty of Forestry, Kasetsart University
an expert on Advanced Forestryology, Forest
Restoration, Forest Health Monitoring

SCG has been collaborating with the team led by Asst. Prof. Dr. Sakhan Teejuntuk expert in advanced silviculture, forest rehabilitation, monitoring of forest health, and biodiversity expert for limestone quarry, in research projects on Biodiversity Baseline Data, Biodiversity Management Plan, Closure Plan and quarry rehabilitation at Kaeng Khoi and Khao Wong for over 15 years.

Biodiversity Management Plan for Limestone Mining Area of
Siam Cement - Kaeng Khoi & Tha Luang
By Faculty of Forestry, Kasetsart University

Biodiversity Management Plan – SLP (Lampang Plant)



**Project Leader
Dr. Steve Elliott**

**Asst. Prof. Dr. Sutthathorn
Chairuang Sri**

an Expert in Tropical Botany
Ecosystems and Wildlife
Conservation.

SCG has been collaborating with the team led by Dr. Stephen Elliott, Dr. Suthathorn Chairuang Sri, expert in tropical plant ecosystem and wildlife conservation, and biodiversity expert for limestone quarry for over eight years in rehabilitation of Lampang quarry. The academic partners also held training workshops on quarry rehabilitation technique for staff and executives who supervise rehabilitation of all quarries.

Final Report - Cooperation Project for Forest Landscape Restoration and Monitoring of Biodiversity for Limestone Mining Area of Siam Cement - Lampang

Biodiversity Management Plan – STS (Tung Song Plant)



Project Leader

Asst. Prof. Dr. Sara Bamrungsri,

Faculty of Science, Biology Department,
Prince of Songkla University

an expert in Forest Biology, Forest Ecosystem

For over six years, SCG has worked with the team led by Asst. Prof. Dr. Sara Bamrungsri, an expert in forestry biology, forest ecosystem, and biodiversity expert for limestone quarry in collecting Biodiversity Baseline Data, formulating Biodiversity Management Plan, Closure Plan and rehabilitation of Thung Song quarry.

Biodiversity Management Plan for Limestone Mining Area of Siam Cement – Tung Song. In collaboration between The SCG Cement Co., Ltd. and Faculty of Science, Prince of Songkla University