

The background of the slide is a close-up photograph of green leaves, likely from a plant with serrated edges, such as a cannabis plant. The leaves are vibrant green and fill the entire background.

From Green to Sustainable University: Siam University

Professor Dr. Chanita Rukspollmuang

"From Green to Sustainable University: Thai University"
February 5, 2018, Mahidol University

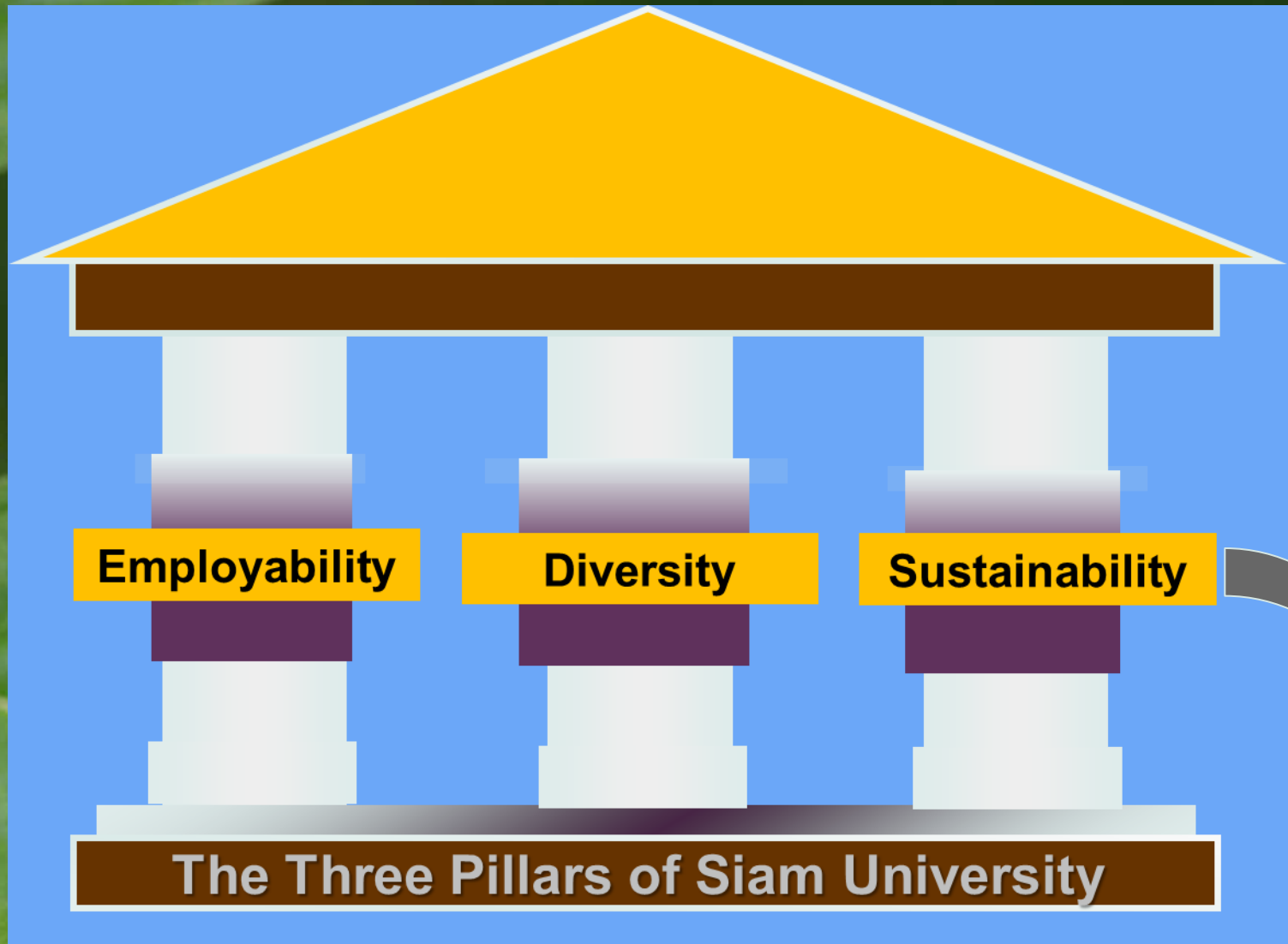
Siam University

Moving towards Sustainable University





- Siam University – only one leading private university located in the West of Bangkok.
- Founded in 1965 and was formally established as a private higher education institution with the authorization to grant degrees in 1973.
- The fifth largest private university with a student body containing over 16,000 students.
- 11 faculties, 1 international college (3 programs), Graduate school.
- The university also plays a major role as a stakeholder in the urban development especially in 54 communities at Phasi-Charoen district.



Sustainable University, Sustainable District

Sustainability Policy

- Sustainable University, Sustainable District



Strategy SD + SEP

- Sustainable Development
- Sufficiency Economy Philosophy

Targets (The 3 Ss)

- Students
- Staff
- Surrounding Communities



Sustainable Development

- Environment/Energy
- Economic
- Socio-cultural

Sustainability Policy
“Sustainable University,
Sustainable District”

Sufficiency Economy
Philosophy (SEP)

Target Groups (The 3 Ss)
Students, Staff,
Surrounding Communities

Sufficiency Thinking (Mindset)

Engagement Activities in SD/SEP

SD/SEP Learning Network Building

Local

National

International

Academic

- Learning
  - General Education
  - SD/SEP related courses
  - Student Clubs
- Training
- Research
- USR Projects

University-
Community
linkages

University –
Public-Private
Sector
Linkages

Siam University Learning Networks for SD and SEP



Local

Research Center for
Community
Development
(RCFCD)

- Healthy Space
Project

Virtual Museum
Research Project

Networks through
general courses +
SD/SEP related
courses, student clubs



National

SUN Thailand
(Sustainable
University
Network)

- SU is the first
private
university in
SUN member –
joined 2016)

Thailand Social
Progress Network
(SPI)



International

ACD University
Network (ACD-UN)

- ACD Research
Network (ACD-RN)
  - SD and SEP (SU
= Head) + 4
Other RN

IAU Higher Education
for SD Working Group
(SU = Head)

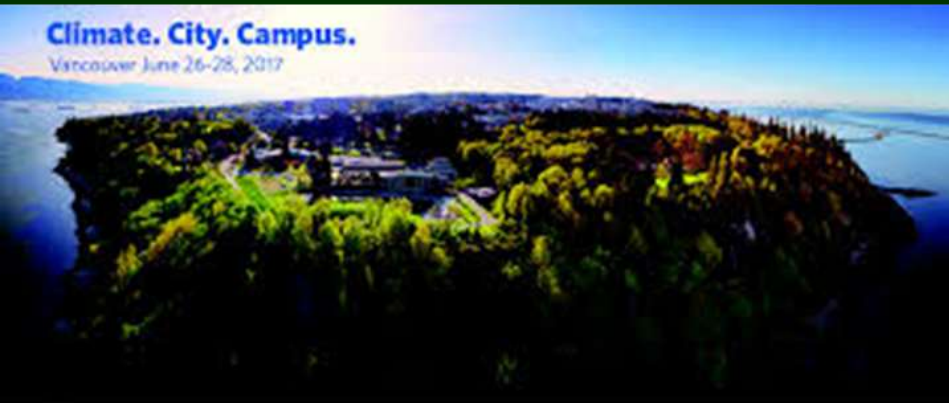
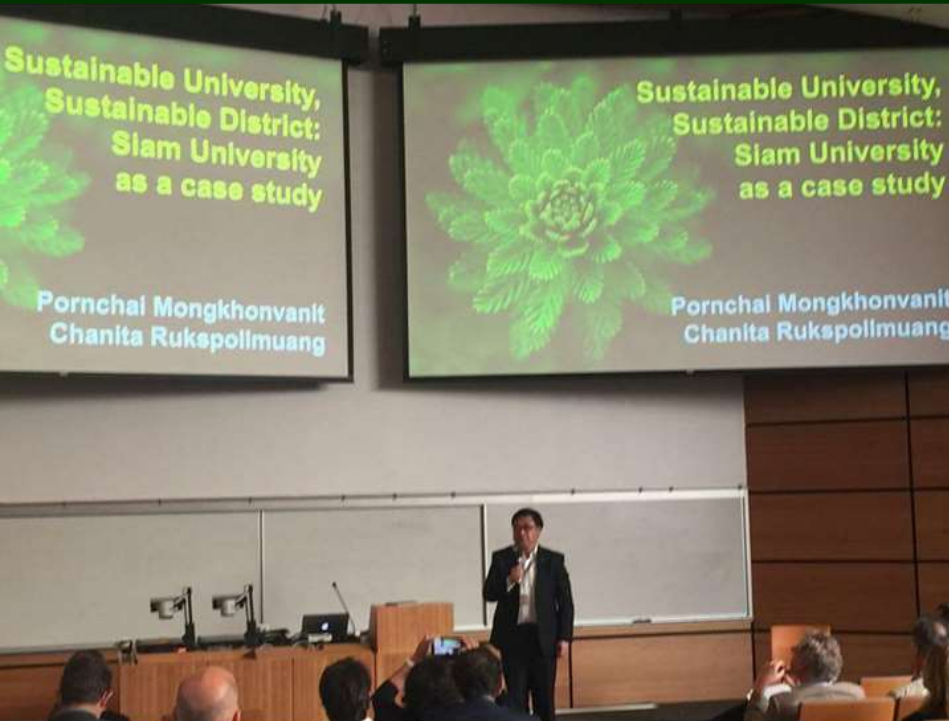
The Sustainability
Platform (Mysore,
India)

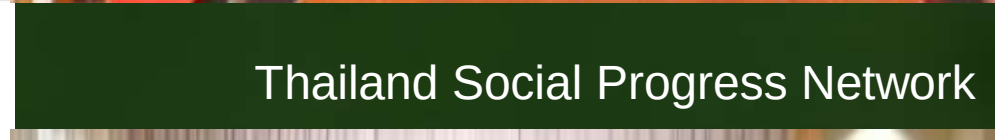
SUN Thailand Meetings





**International Sustainable Campus Network (ISCN) 2017. Climate. City. Campus.
The University of British Columbia
June 26-28, 2017. Vancouver, BC, Canada.**







The Healthy Space Project

- A project funded by the Thai Health funding agency has created a healthy space for communities allowing them to continue to thrive and grow, while improving resource use and reducing pollution and poverty.



<http://rcfcd.com/>

Community-based Virtual Museum: A Case Study of the Practices of Philosophy of Sufficiency Economy to Strengthen Community Culture in Phasi-Chareon District



<http://www.siamcvm.com/>



มหาวิทยาลัยสยาม
Siam University

ชมรม”สองมือเพื่อสังคม”





Sustainability@Siam University
"Global Partnerships for a Sustainable Future"

[http://sustainability.siam.edu/
Sustainability@SiamU](http://sustainability.siam.edu/Sustainability@SiamU)



Siam University “Team”



The background of the image is a close-up photograph of vibrant green grass blades. Overlaid on this background is a large, semi-transparent circular graphic. This graphic consists of a solid light-gray outer ring, a thin white inner circle, and a decorative border of small white dots between them. Centered within this graphic is the following text:

**2017
UI GreenMetric
University
World Rankings**



- Sending out over 3000 invitations to universities worldwide. Our list comprised universities which were members of associations like ASAIHL and APRU (including the best universities from a number of recognized rankings such as THE/QS and Webometrics).
- Expecting a 16% response rate (about 500 universities)

UI GreenMetric World University Rankings

**Setting and
Infrastructure (SI)**
(15%) 14 indicators

**Energy and Climate
Change (EC)**
(21%) 8 indicators

Waste (WS)
(18%) 6 indicators

Water (WR)
(10%) 4 indicators

Transportation (TR)
(18%) 13 indicators

Education (ED)
(18%) 8 indicators

Criteria and Indicators

Ranking Methodology

**3Es (Environment, Economy, and Equity)
+ Fair (different campus settings)**



Total main campus area 15626 m²

Smart building





UNIVERSITY PROFILE

University : Siam University
Name

Website : siam.edu

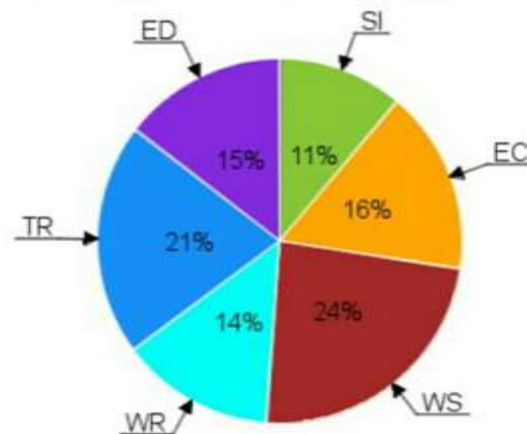
Established : 1973

Country : Thailand



VERIFIED DATA

Category	Point	Maximum Point	Percentage
Setting and Infrastructure (SI)	573	1500	38.20 %
Energy and Climate Change (EC)	843	2100	40.14 %
Waste (WS)	1,224	1800	68.00 %
Water (WR)	700	1000	70.00 %
Transportation (TR)	1,062	1800	59.00 %
Education (ED)	769	1800	42.72 %
Total Score	5,171	10000	51.71 %





UNIVERSITAS
INDONESIA

Veritas, Probitas, Justitia



This certificate is awarded to

Siam University
which ranks 168th
in 2017 UI GreenMetric World University Rankings

Prof. Dr. Ir. Muhammad Anis, M. Met
Rector of Universitas Indonesia

Prof. Dr. Ir. Riri Fitri Sari, M.Sc., M.M
Chairperson of UI GreenMetric

Year	Rankings	Ranked Uni.	#1 University
2010	Overall	95	University of California Berkeley
2011	Overall	178	University of Nottingham
2012	Overall	215	University of Connecticut
2013	Overall	301	University of Nottingham
2014	Overall Indicators Campus Setting	360	University of Nottingham
2015	Overall Indicators Campus Setting	407	University of Nottingham
2016	Overall Indicators Campus Setting Country	516	University of California Davis
2017	Overall Campus Setting Country Region	619	Wageningen University & Research

UI Rankings by Region 2017

Region	No.	Rankings
Asia	235	#1 Shandong Normal University – Lishan College (China) #2 University of Indonesia #3 Universiti Putra Malaysia #4 Hokkaido University #5 University of Malaya #20 Mahidol University #21 Chulalongkorn University #46 Siam University
Europe	216	#1 Wageningen University & Research (Netherlands) #2 University of Nottingham (United Kingdom)
Africa	11	#1 Kafrelsheikh University (Egypt) #2 American University in Cairo (Egypt)
Oceania	6	#1 University of Melbourne #2 UNSW Sydney
North America	84	#1 University of California Davis #2 University of Connecticut
South America	64	#1 Universidade de Sao Paulo USP (Brazil) #2 Universidade Federal de Lavras – UFLA (Brazil)

UI GreenMetric Ranking by Campus Setting



Suburban



Urban



Rural



City Center



High Rise Building



Suburban

(151) 7552/1413

- Mahidol
- Rambhai Bhanhi Rajabhat University
- Naresuan University
- King Mongkut University of Technology North Bangkok
- Maejo University
- Suranaree University of Technology
- Thammasat University
- Rajabhat Maha Sarakham University
- King Mongkut Institute of Technology Ladkrabang
- Rajamangala University of Technology Thanyaburi
- Walailak University
- Valaya Alongkorn Rajabhat University

Under the Royal Patronage



Urban

(313) 7464/1651

- Kasetsart University
- Siam University
- Dhurakij Pundit University
- Silpakorn University
- King Mongkut University of Technology Thonburi
- Bangkok University
- Ubon Ratchathani Rajabhat University
- Burapha University



Rural

(43) (7148/2466)

- Mae Fah Luang University
- Mahasarakham University
- University of Phayao
- Thaksin University



City Center

(102) (7199/1522)

- Chulalongkorn University
- Mae Fah Luang University
- Mahasarakham University
- University of Phayao
- Thaksin University



High Rise Building

(3) 5689/2489

- No Thai university



THANK YOU