

# GREEN BUILDING CONSULTING & ENGINEERING

When saving the planet makes business sense



**GREEN BUILDING**  
CONSULTING & ENGINEERING

**Company  
Profile**



# ABOUT US

Green Building Consulting & Engineering is an award-winning Thailand based company providing design consultancy and building performance analysis to facilitate project teams in the design of high asset value buildings that improve people's well-being while preserving the planet.

Engineered along their company values, we support our clients in their sustainability journey by defining their sustainability strategy, optimizing their building design, complying with international certification standards and reaching meaningful environmental and social performance targets.

**“Engineering  
solutions that people  
expect and the planet  
accepts.”**

# THE PROBLEM

**40%**

of total energy consumption  
are related to buildings

## What is a sustainable building ?

The practice of designing, building, renovating and operating a building which has a minimized impact on the environment while contributing to the health and wellbeing of its users.

**30%**

of total greenhouse gas  
emissions are due to buildings





Creating high performance profitable buildings that  
promote people's well-being while preserving the planet.

## **OUR MISSION**



# OUR VALUE PROPOSITION



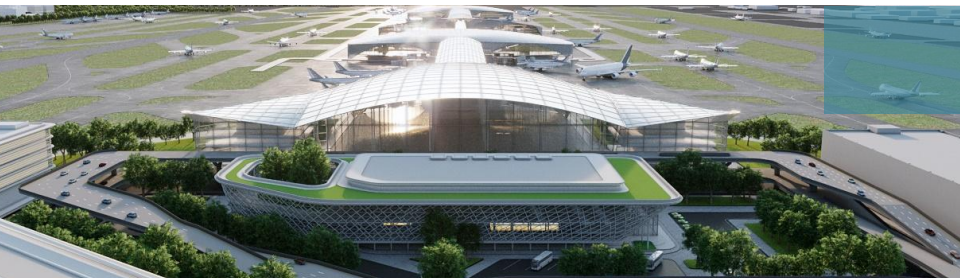


## Raising Awareness on Climate Action

Guest Speaker & Class Lecturer

## Capacity Building and Ecosystem Creation

Event Designer & Organizer



## Bringing up Sustainable Buildings

Sustainability & Green Building Consultant

# SERVICES

## - NEW BUILDINGS



### Planning & Concept Development

- Sustainable Master Plan
- Sustainability Roadmap
- Sustainable Goal and Target Setting
- Feasibility Studies
- Eco Charette
- Strategy Identification

### Design & Construction

- Design Optimization
- Green Design Specifications
- Green Design Facilitation
- Green Procurement Support
- Green Project Management



# SERVICES

## - EXISTING BUILDINGS

### Operations & Management

- Sustainable Story and Roadmap
- Sustainable Feature Identification
- Resource Management Optimization
- Carbon Footprint Assessment
- Sustainability Programmation
- Program Implementation

### Upgrade, Renovation & Redevelopment

- Energy & Water Saving Optimization
- Green Building Features and Systems Selection
- Comfort, Health, Indoor Quality Improvement (IEQ)
- Property Assessment



# SERVICES

## - GREEN BUILDING CERTIFICATION

With more and more emphasize on sustainable building practices, green building certifications are as important as ever in the industry.

Let us help you help the planet.



EARTHCHECK



In depth knowledge about the leading certifications in the industry



Proven track record of successful implementations



# MARKET SECTORS



Industrial



Healthcare



Commercial



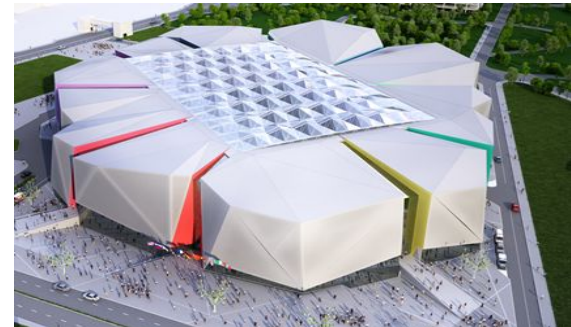
Residential



Hotels &  
Resorts



Educational &  
Cultural





# INTERNATIONAL EXPERTISE





Nine Points Boutique Hotel | Bangkok  
THAILAND



Medical Research Center | Saclay, FRANCE



GEM Olympic Leisure Center | Ulaanbaatar, MONGOLIA



QI'N WELLNESS

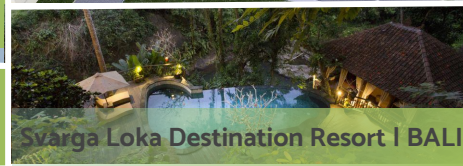
沁源汇

Wellness Community, Hainan, China



Bumrungrad Healthcare Facility | Bangkok, THAILAND

## SIGNATURE PROJECTS



Svarga Loka Destination Resort | BALI



U-Tapao Airport City | Rayong, THAILAND



Terminal 2 Bangkok International Suvarnabhumi Airport | Bangkok,  
THAILAND



GREEN BUILDING  
CONSULTING & ENGINEERING

## SOME OF OUR CLIENTS







Aug 4 · 2 min

## Are you the next Best Green Developer in Thailand?

Do you have a project you believe deserves recognition? Does your project demonstrate a true initiative in sustainability? PropertyGuru...



Mar 9 · 2 min

## 5 must have design features for a



# INSIGHTS | Our Blog

- Get information on the latest updates at GBCE
- Read about industry trends, events, and practices
- Specialized Blog about LEED Certification

Visit us at:

[www.greendesignconsulting.com/newsfeed](http://www.greendesignconsulting.com/newsfeed)

# INSIGHTS | The Green Design Brief

The Green Design Brief© supports project managers, owners, developers and design professionals to get green, people centric, healthy building projects off the ground in Asia.



Reach **50% energy savings** by implementing our design specifications in your project or get a full refund.



# ORGANIZED EVENTS | THE GREEN REAL ESTATE

[www.greendesignconsulting.com/the-green-real-estate](http://www.greendesignconsulting.com/the-green-real-estate)

Creating a ecosystem for the development of green, smart and healthy real estate by bridging the gap between normally disconnected stakeholders of the value chain.



Solution tech talks

Market Insights



Project showcase



OUR PARTNERS





# ORGANIZED EVENTS | THE SUSTAINABLE BUSINESS FORUM

[www.sustainability4business.com](http://www.sustainability4business.com)

Creating business value while managing impact on people and the planet. Showcase initiatives and empower businesses striving for environmental, social and economic performance.



Integrate Sustainability

Connect and Inspire



200+ participants



OUR PARTNERS



## AWARD-WINNING COMPANY



2019

RICS Awards  
Young Achiever of  
the Year



2018

Women Eco Game  
Changer  
Eco Star Asia



2017

Grand Prix de  
l'entrepreneuriat  
International au  
féminin



Eco-  
Entrepreneur  
Award



# TESTIMONIALS



"We have had great opportunities for collaboration with building consulting and engineering professionals for projects that need specialists in every detail. Green Building Consulting & Engineering was very professional and understood what architects needed as well as provided conceptual and technical support towards environmental sustainable design and energy efficiency."

— Suradech Pattanakiattichai , Managing Director of Varda Associates



"It was the will of the client and us to design a project that was both environmentally and financially viable without compromising the architectural concept and aesthetics. Armelle has been able to assist us in achieving this by taking in account the program and our vision within the continuous optimization of our design concept."

— Marine Ros, Managing Director at Archetype Mongolia



# OUR TEAM

Benoit is the COO of GBCE. He is specialized in scaling businesses and operations for businesses with a purpose.



Armelle Le Bihan is the founder and director of GBCE. She is an Environmental Engineer and a Green Building specialist with an expertise in Environmentally Sustainable Design in Europe and Asia.



As the existential threat of climate change becomes more and more apparent, we are, as a society, in desperate need to develop more sustainable ways of creating value and building our cities . Fortunately, sustainable buildings offer a transversal solution by significantly reducing our reliance on resources, supporting our transition towards a green economy and supporting our health and livelihoods as human beings. Beyond environmental welfare, they generate greater wealth and returns than standard buildings. Making them a win-win situation for the planet and stakeholders.

Let's invest in the future we want and take a step towards sustainability.





# CONTACT US



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