ARCASIA Committee on Green and Sustainable Architecture
ACGSA

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Brunei Darussalam in a nutshell

- ARCASIA ZONE B
- PUJA Brunei – 21st Member Institute of ARCASIA
Brunei Darussalam in a nutshell

**CAPITAL** BANDAR SERI BEGAWAN  
**POPULATION** 413,000  
**AREA** 5,765 SQM  
**LANGUAGES** MALAY, ENGLISH, CHINESE  
**ETHNICITY** 65% MALAY, 10% CHINESE  
**RELIGION** 78% MUSLIM, 8% CHRISTIAN, 7% BUDDHIST  
**LIFE EXPECTANCY** 76 YEARS (MEN), 81 YEARS (WOMEN)  
**LEADER** HIS MAJESTY THE SULTAN HAJI HASSANAL BOLKIAH MU’IZZADDIN WADDAULAH DAN YANG DI-PERTUAN NEGARA BRUNEI DARUSSALAM
MIND YOUR ENVIRONMENT

Architecture always enters a pre-existing environment, and in turn affects its environment through energy consumption, amongst other things.
Green Initiative
GOALS FOR EFFICIENCY IMPROVEMENT
Brunei Green Building Council
Founded in April 2013

Increase awareness of global warming due to CO2 emissions, embrace green technology in construction, reduce our carbon footprint, minimize waste, and reduce the negative impact of building construction on the environment.

“It is GBC Brunei’s hope that people will become more concerned about saving the environment and it is the responsibility of everyone to develop a sustainable environment and not just of the professionals.”

Ar. Dato Paduka Hj Idris bin Hj Abas
MISSION

• To drive Brunei Darussalam's construction industry towards more environment-friendly buildings.
• To promote sustainability in the built environment.
• To raise environmental awareness among developers, designers and builders when they start project conceptualization and design, as well as during construction.
• To raise environmental awareness among the general public.
• To legalize Green Initiative
• To identify stakeholders
• To establish benchmark for assessment criteria

The launching of the EEC guidelines encourages environmentally-friendly building designs, good practices in the local construction industry, reduction of pollution and to make more use of renewable energy to help the Sultanate wean itself away from its over dependence on non-renewable energy sources.

All new government buildings would be required to adopt green design, construction, operation and maintenance. However, the guidelines will be voluntary for the private sector for the time being.

Expected to reduce the amount of energy that new buildings consume by between 30-50%.
Brunei Accredited Green Unified Seal (BAGUS)

Green Rating system for Non-Residential Projects developed by Public Works Department

A "Green Tool" to assess sustainability and durability

3 Government buildings were awarded with BAGUS status:

1. Ministry of Development
2. Public Works Department Headquarters
3. Housing Development Department
Jerudong International School Sports Complex
Eco Bumi Arkitek

- Provides the students at JIS with further opportunities to be the best that they can be.
- The design allows the students to be socially aware of the impact of a building in our carbon footprint and prides itself on its eco-friendly design.
CAE Multi Purpose Training Centre
Eco Bumi Arkitek

- Completed in 2014
- BCA Green Mark Gold Status

Green Roof, Green Walls, Landscape, Green Certified Finishes and Materials
Anggerek Desa D&T Building
P.A.Y Architects

- Completed in 2014
Thank you ACGSA!