Towards Achieving Our Vision for a Better Livable City

Presented by:
Dato Paduka Ar. H. Idris B.H. Abas
It is a small state in South-East Asia on the north-west coast of the island of Borneo, in the Indonesian Archipelago. Its 161 km coastline faces the South China Sea. On the land side, it is enclosed by the Malaysian state of Sarawak, which divides it in two.

The districts of Brunei-Muara, Tutong and Belait make up the larger, western part of the country; Temburong district the east.

- Area: 5,765 sq. km.
- Population: 417,784 (2013)
Negara Brunei Darussalam

- Enjoys one of the highest standards of living in Asia
- Its per capita income is one of the highest in Asia and it has already achieved almost all the target of the Millennium Development Goals
- Its standards of education and health are among the highest in the developing world
- This has been largely the result of political stability created by His Majesty’s Government’s investment of oil and gas revenues in infrastructure and in the development of far-reaching programme of social welfare.
- Current prosperity, however, cannot be taken for granted. If the people are to continue to enjoy their high standard of living, planning must take account of a number of emerging social and economic facts.
The accomplishments of its well-educated and highly skilled people

Brunei will seek to build a first class education system that provides opportunities for every citizen and resident to meet the requirements of our changing economy and encourages life-long learning as well as achievements in sport and the arts.

The quality of life

Brunei will provide our people with high standards of living and political stability while ensuring proper care of our environment and the vital support needed by all members of our society.

Aim to be among the top 10 nations in the world in reference to the United Nations Human Development Index.

The dynamic, sustainable economy

Brunei will seek to build an economy that provides our people with quality employment in both public and private sectors and also offers great economic opportunities.

Aim for Brunei Darussalam’s per capita income to be within that of the top 10 countries in the world.
ACHIEVING BRUNEI 2035 THROUGH IMPLEMENTATION OF A NATIONAL STRATEGY COMPRISING OF:

- **An educational strategy** that will prepare our youth for employment
- **An economic strategy** that will create new employment for our people and expand business opportunities beyond the oil and gas industry
- **A security strategy** that will safeguard our political stability and our sovereignty as a nation
- **An institutional development strategy** that will enhance good governance in both the public and private sectors
- **A local business development strategy** that will enhance opportunities for local small and medium sized enterprises (SMEs)
- **An infrastructure development strategy** that will ensure continued investment by government in developing and maintaining world-class infrastructure with special emphasis placed on education, health and industry
- **A social security strategy** that ensures that as the nation prospers, all citizens are properly cared for
- **An environmental strategy** that ensures the proper conservation of our natural environment and cultural habitat.
Master Plan for Bandar Seri Begawan – City in Garden

• Create a livable city celebrating ecology and heritage

• Create a unique Brunei identity anchored in Melayu Islam Beraja (M.I.B.)

• Create sustainable and diversified economy
The Development Master Plan envisions the potential new development along the city’s riverfront focusing on the Brunei and Kedayan Rivers.

1. Kampong Ayer
2. Central Business District
3. Gadong Kiulap Lifestyle Centre
4. Government Administrative Centre
5. Airport Hub
Kampong Ayer – A Revived Centre of Bruneian Heritage
Kampong Ayer – A Revived Centre of Bruneian Heritage
Kampong Ayer – A Revived Centre of Bruneian Heritage
Kampong Ayer – A Revived Centre of Bruneian Heritage
Kampong Ayer – A Revived Centre of Bruneian Heritage
Kampong Ayer – A Revived Centre of Bruneian Heritage
Central Business District – The Heart of Finance and Malay Muslim Monarchy
Gadong Kiulap – The Lifestyle Centre of the City
Government Administration Centre – The Public Face of Public Service
Government Administration Centre – The Public Face of Public Service
Airport Hub – Gateway to Brunei
Airport Hub – Gateway to Brunei
Airport Hub – Gateway to Brunei
GBC Launching (11th May 2013)
GBC Launching (11th May 2013)
Vision
To promote Brunei as a green nation and some day to become a world standard in sustainable built environments.

Mission Statement
Lead The Sustainable Built Environment Movement
Change the outcomes from planning, design & construction then maintenance and operation for true sustainable environments.
Goals:

• To be driver for green building and stimulate demand for sustainable built environments
• To collaborate & support the government and industry in developing a sustainable built environment
• To be the centre for knowledge and resources for sustainable building
• To support and provide input for the Brunei green rating tool for construction industry
Green Building Council (GBC) Brunei
On going activities/achievements:

• 2014 - GBC (B) with the Malaysian Green Building Confederation conducted Green Building Index Facilitator Course and Examination
Green Building Index Facilitator Course
(10 - 12 January 2014)
Green Building Council (GBC) Brunei
On going activities/achievements:

• GBC (B) was part of the working committee along with Ministry of Energy, MOD and other key Government departments to formulate an Energy Efficiency & Conservation Building Guidelines (EEC) for Brunei.
Green Building Council (GBC) Brunei
On going activities/achievements:

- GBC (B) has drafted the initial rating tool for NRNC (Non Residential New Construction)
- Resource tools:
  - GBI (Malaysia)
  - Green Mark (Singapore)
  - LEED (USA)
  - BERDE (Philippines)

Way Forward:

GBC (B) working towards becoming the accreditation body for Brunei Darussalam
Accredited Green Sustainable Buildings in Brunei:

The Brunei government’s first high-rise housing in Lambak Kanan has received a provisional Green Mark Gold Rating certificate from Singapore’s Building and Construction Authority for its green building features. – January 2016
Accredited Green Sustainable Buildings in Brunei:

International School Brunei (ISB) will be awarded the BCA Green Mark Gold by March 2016.
Accredited Green Sustainable Buildings in Brunei:

New Data Center and Office Building (NDCO) in Seria was awarded LEED (US-GBC) Gold for New Construction (September 2015) verified by the Green Building Certification Institute.
The government is committed to provide an infrastructure development strategy that will ensure continued investment by government in developing and maintaining world-class infrastructure with special emphasis placed on education, health and industry.
Pusat Perempuan dan Kanak –Kanak  (Women and Children Centre)
The Women and Children’s Centre is the new addition to the Brunei Darussalam national primary care hospital, Raja Isteri Pengiran Anak Saleha (RIPAS) Hospital which is part of the Ninth National Development Plan (RKN). The project provides comprehensive multi-disciplinary patient care and facilities and services for women and children.

The multi-million dollars (500 beds) Women and Children’s Hospital Block is twelve storey building,

• strategically located to be a landmark icon of Brunei Darussalam.
• designed to provide all the client’s requirements in line with SGH (Singapore General Hospital) guidelines.
• targeted to obtain accreditation for JCI (Joint Commission International) standard which is the gold standard in global healthcare standards.
Pusat Perempuan dan Kanak - Kanak (Women and Children Centre)
Pusat Perempuan dan Kanak–Kanak (Women and Children Centre)
Pusat Perempuan dan Kanak –Kanak  (Women and Children Centre)
Pusat Perempuan dan Kanak – Kanak (Women and Children Centre)
Pusat Perempuan dan Kanak – Kanak (Women and Children Centre)

Special Facilities and services:

- pediatric clinic,
- obstetrics and gynecology clinic
- general pediatric ward,
- neonatal intensive care unit,
- special care baby unit,
- pediatric intensive care unit and
- children’s oncology ward
- pharmacy
Pusat Perempuan dan Kanak–Kanak (Women and Children Centre)

Special Facilities and Services:

- 13 Delivery Rooms (suite),
- 2 Operating Theatres
- Postnatal Ward,
- Doctors Rooms, Seminar Rooms
- Isolation Rooms,
- VIP Rooms,
- Prayer Rooms
- Parking Area for Staff and Public
- Cafeteria. Children’s Play Area
Pusat Perempuan dan Kanak –Kanak (Women and Children Centre)

Design Features

• Utilize current trend in construction materials

• Incorporating energy efficient design features
  • Use of horizontal sun shading
  • North – South building orientation esp. at ward areas
  • Use of double glazing
  • Landscaping
Pusat Perempuan dan Kanak - Kanak (Women and Children Centre)
Pusat Perempuan dan Kanak –Kanak (Women and Children Centre)
Pusat Perempuan dan Kanak –Kanak (Women and Children Centre)
Pusat Perempuan dan Kanak – Kanak (Women and Children Centre)
The PAPRSB Institute of Health Sciences Building Extension was one of the Ministry of Education projects under the 9th National Development Plan to cater for the growing number of nursing students in Brunei Darussalam.
The PAPRSB Institute of Health Sciences Building Extension comprised of three (3) main blocks in line with the concept of ‘pods in the forest’ namely

- ADMIN BUILDING
- LECTURE THEATRES
- CLASSROOM BLOCK

Approximate total floor area of 11,654 sqm.
‘Learner-centric’ learning environment inspired by user-friendly designs including introduction of multi-modal learning settings that are collocated and clustered to allow students to move around the various learning environments to suit the particular learning tasks.
‘Learner-centric’ learning environment by the interplay of spaces with landscaped areas thereby creating nooks and spaces conducive for learning and stirring natural human tendency for exploration
The spacious lobbies and concourse became a popular area for student assembly and interaction.
The spacious lobbies and concourse became a popular area for student assembly and interaction.
PAPRSB Institute of Health Science Extension
The lecture theatres and seminar rooms are fully utilized not only by the Nursing College but by the whole university.
PAPRSB Institute of Health Science Extension

Sun-shading features and permeable grass Crete car parking
Optimize building orientation and use of natural ventilation
Use of vertical louvers for sun shading at the Classroom Block
Water features including indoor courtyards are also provided for enhanced indoor environment quality
PAPRSB Institute of Health Science Extension

M&E Aspect

- Air Conditioning zoning & efficient Mechanical Ventilation
- Innovative Lighting System
- Energy Efficient Office Appliances
- Comprehensive Energy Management System
Temburong Bridge On going Construction
On going Temburong Bridge Construction
Environmental Awareness

- Tree Planting Campaign
- Cleaning Campaign
Tree Planting Campaign
Cleaning Campaign
Thank you!