

Executive Summary

Brunei Darussalam's 'Wawasan Brunei 2035' vision assumes a sustainable society for the future and advocates a departure from oil dependence, development of human resources, creation of new industry, and development of small and medium-sized enterprises.

In Temburong district, tourism will increase with the opening of the new bridge from Bandar Seri Begawan district in 2020.

To ensure compatibility between development and nature conservation, this project sets the vision of a carbon-neutral society for wildlife preservation in Borneo. It proposes strategic development through the following approaches or key words:

- Living lab: diverse community, creative work and life style
- Carbon-neutral: renewable energy, sustainable mobility system, sustainable architecture/agroforestry, small economy
- Learning tourism: feature of Temburong and Borneo, Showcase of Smart Tech

Based on the above vision, Bangar and Labu Estate was positioned as growth centres. Bangar will have district office, hospital, market, and residential functions, as the centre of administrative services in Temburong. This study proposes to improve the internal road and new bridge connecting the two areas divided by the Temburong River, and to make the road in front of the current commercial area along the river a pedestrian priority area to make it a bustling riverfront.

Labu Estate will have university, research and development (R&D), hotel, convention, tourism centre, and residential functions as the centre of education, R&D, and tourism. By clustering universities, R&D, and houses in close proximity, we propose the formation of a diverse community that fosters interaction and innovation.

The energy supply system's medium-term target (by 2023) considers effective use of photovoltaic and pilot renewable energy-based hydrogen as existing technologies and use of Electric vehicle (EV) and Fuel cell vehicle (FCV). This study hopes that the above plan will be

publicised at the Asia-Pacific Economic Cooperation (APEC) meeting as an eco town showcase. The long-term aim (by 2030) is for the whole town to convert to low carbonisation.

Towards the APEC Economic Leaders' Meeting, which may be held in Brunei Darussalam in 2024, the development of the construction yard for the Bandar Seri Begawan–Temburong Bridge was positioned as a priority project named 'Gate Zone project'. This carbon-neutral site will be home to a mobility hub and tourism base, and will be one of the venues for the APEC meeting.