

For information  
on 15 July 2009

**LEGISLATIVE COUNCIL  
PANEL ON ENVIRONMENTAL AFFAIRS**

**Study on Energy Wastage of External Lighting**

**PURPOSE**

This paper briefs Members on the study on energy wastage of external lighting conducted by the Government.

**BACKGROUND**

2. In view of the energy wastage arising from the excessive use of external lighting, the Government announced in last year's Policy Address that we would conduct a consultancy study on relevant issue, and assess the feasibility of regulating external lighting by legislation.

**THE CONSULTANCY STUDY**

3. The scope of consultancy study conducted by the Government includes the following three areas:

- (a) making reference to the experience of metropolises that are similar to Hong Kong in handling external lighting, e.g. whether it is by way of legislation or other means to address the issue, and making recommendations on how to deal with local situations;
- (b) conducting research on the usage of external lighting in various representative areas in Hong Kong including residential area, commercial area, residential-cum-commercial area, new town, rural area, etc. Research areas include lighting distribution,

intensity, energy consumption, impact, etc.; and

- (c) carrying out survey on views of relevant stakeholders including residents, green groups, professional bodies, building owners, property management companies, and relevant trades including advertising, retailing, electrical and mechanical engineering, tourism, etc.

4. The study has already commenced. The consultants engaged are Parsons Brinckerhoff (Asia) Ltd. and Policy 21 Ltd. We expect the study will be completed within 2009. Taking into account the findings of the study, the Government will consider whether to regulate external lighting (including the operation hours).

## **CONSULTATION**

5. The Government will consult the Legislative Council and members of the public including various trade associations and relevant stakeholders at an opportune time.

## **INFORMATION NOTED**

6. Members are invited to note the progress and content of Government's work on this front.

**Environment Bureau**  
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