**Green games**

Infographics journalists TEOH YI CHIE and LEE HUP KHENG check out the green initiatives behind the scenes at the Youth Olympic Games

**Public transport**
Limited parking space to encourage the use of public transport. Use of the first-ever fuel-cell bus in Singapore.

**Appreciation of greener
er**
Worked with N Parks on activities to promote the appreciation of urban greener.

**Recycling**
Recycling and waste minimisation solutions are in place at YOG venues, such as the use of biodegradable cutlery.

**Energy efficiency**
To reduce energy consumption by using energy-efficient technology. Light fittings are equipped with motion detectors.

**Water efficiency**
To minimise water wastage, self-closing delayed action taps are installed. Direct consumption of tap water is also encouraged.

**Cleanliness**
Improved amenities and public education on littering to sustain a high level of public cleanliness.

**Encourage people to continue the initiative beyond 2010**
Empower the stakeholders to own and drive these programmes into the future.

**Hydrogen gas tanks**
8 tanks provide enough fuel for 150 km.

**Fuel cell stack and convertor**
They convert the hydrogen into electricity and water. With no combustion engine, the noise level is low.

**Batteries**
They provide additional power when needed, like when there’s a heavy load.

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**What happens in the fuel cell**

1. The catalyst layer splits the hydrogen gas into protons and electrons.
2. The electrons pass through the circuit as electricity.
3. The protons react with oxygen and electrons to form water.
4. Oxygen
5. Water
6. Hydrogen gas

**Capacity**
The bus is more spacious than public transport buses. It has a seating capacity of 32 and standing capacity of 40.

**Over 4.8 million litres of water are saved, enough to fill almost 2 Olympic-sized pools.**

**OLYMPIC VILLAGE**
The accommodation for the athletes is located at Nanyang Technological University (NTU). Over 10,921 energy and water-saving devices have been installed.

**130,945 kWh of electricity is saved, enough to power 350 4-room HDB apartments for a month.**