

**A**bu Dhabi's ambitious growth targets translate into increased energy consumption. Energy conservation is imperative to sustain a competitive economy. Through the Pearl Rating System, Estidama seeks to target energy conservation within the public realm through efficiency, control and education.

*“The UAE has almost the highest rate of energy consumption per person in the world. If we continue at the current rate, the demand for energy will simply exceed the supply. At the same time, our consumption of energy adds to the worldwide problem of global warming. Clearly, we need to do something to prevent this”*

- Heroes of the UAE, EAD

Techniques to conserve energy at the design and construction stages can have significant impacts on reducing overall energy consumption during operation. The Resourceful Energy section requires provision of energy efficient lighting, a major source of energy consumption in the public realm, and energy metering, with opportunities to develop renewable energy sources and educate visitors on energy conservation techniques.

