

"Promoting sustainable energy use and engineering sustainable energy supply."

With worldwide demand for energy growing rapidly, resources finite and the environmental impacts of the Carbon Age increasingly apparent, no one can doubt that how and where we produce and consume energy are among the most important questions facing society.

Each year the HK consumes the equivalent of over 8 million tonnes of coal to meet its energy needs, mainly as electricity (53%) and transport fuels (47%). The Government has set an ambitious target for 16% of our energy to come from renewable sources by 2020; currently, sustainable sources account for less than 2% of annual consumption.

We are also concerned about how these energies are applied into our daily life. We are concerned our well beings, our quality of life, and as a whole, the evolution of our society.

With tens of thousands of Hong Kong population working in energy fields, the Institute of Energy will be at the heart of the debate. IOE is committed to promoting sustainable energy use and to engineering a sustainable energy supply by focusing on four key areas:

1. Energy conservation – changing wasteful behaviour to reduce demand
2. Energy efficiency – using technology to reduce demand and eliminate waste
3. Exploitation of renewable, sustainable energy sources
4. Exploitation of non-sustainable resources using low carbon technologies

Energy Supply

Some of the IOE members are those at the forefront of energy production technologies. They know more about current and future energy production than many of us here. Including: Renewable energy, Nuclear energy, Fossil energy

Energy Demand

IOE will aim to provide more information and techniques about reducing the amount of energy you use. Topics coming up will include:

1. How to reduce domestic energy usage
2. The truth about Zero Carbon
3. Homes of the future

“促進可持續的能量使用和可持續的能量提供”。

有了關於迅速成長的能量的世界範圍的要求，有限的資源和日益增長地明顯的碳時代的環境的影響，沒有任何人能懷疑我們如何和在哪兒生產和消耗能量在面對社會的最重要的問題中間。

主要當電(53%)搬運燃料(47%)時，香港每年消耗煤的超過8百萬個公噸的相等物會見其能量需要，並且。政府已爲了我們的能量中的16%個放置一個雄心勃勃的目標到2020年來自可更新的來源；目前，可持續的來源佔年鑑的消費中的少於2%個。

我們也擔心這些能量如何被應用到我們的日常生活中。我們被涉及我們的井，生活的我們的品質，和作爲總體說來，我們的社會的進化。

隨著成千上萬的香港人口在能量田野中工作，能量的機構將在辯論的心。IOE 致力於促進可持續的能量使用和專案一種可持續的能量透過著重於四個關鍵的區域提供：

改變浪費的行爲減少要求的能量保護—
減少要求的能量效率—使用技術並且除去浪費
可更新，可持續的能量來源的開發
使用低的碳技術的非可持續的資源的開發

能量提供

一些IOE成員在能量生產技術的前沿是那些。他們在這裡更加知道比許多我們水流和未來的能量生產。包括：可更新的能量，核能，化石能量

能量要求

IOE將旨在提供更多關於減少你使用的能量的量的資訊和技術。主旨到來將包括：

1. 如何減少國內的能量用法
2. 真理大約零塊碳
3. 未來的家庭