

## Prof Savvas Tassou

Head

School of Engineering and Design  
University of Brunel

### Personal Profile

He came over to England to study for his first degree in mechanical engineering. He got a scholarship and stayed on and did my PhD at the University of Westminster. After that he got a job as a lecturer there for 5 years and in 1986 he moved to Brunel.

where he is now the head of School of Engineering and Design and has been for 4 years.

With his family he tries to retain Cypriot traditions. His children all went to Greek school. At weekends, weather permitting, they make the traditional Cypriot barbeque and other foods, Cypriot coffee and drinks.

### Research Profile

Savvas' research interests are mainly energy and energy conservation and reduction of the environmental impacts of buildings and various energy processes.



In recent years this has concentrated mainly on the food industry and the environmental impacts and the CO<sub>2</sub> omissions from the food industry in the UK.

The food chain in the UK is responsible for 14% of the total energy consumption and specifically the supermarkets are responsible for 3% to 5% of the electrical energy consumption and about 1% of the CO<sub>2</sub> omissions in the UK.

When shopping in a supermarket many freezers do not use any doors so as to increase sales. A lot of air spills out of the cabinet into the aisle of the supermarket so your feet when you go into the supermarket in the summer get quite cold.

We try to protect the products from the ambient conditions by having this invisible air curtain in front of the cabinet

### Relevant Links or info

For further information about Prof Tassou and his work please visit <http://www.brunel.ac.uk/about/acad/sed/sedstaff/mech/savvastassou>