

**OXFORD  
BROOKES  
UNIVERSITY**

**UK Energy Policy - submission in relation to solar water heating market**

I live in a 6 bedroom house that produces over the year only 140 kgms CO<sub>2</sub> compared with the 5000-6000 CO<sub>2</sub>/a emissions of the other houses in my road (see image of my south elevation below).



The only way to meet the basic requirements for hot water is through the production of hot water by very efficient equipment and using, where possible, solar hot water systems. The solar hot water system on this house saves in the region of 1000kgms, or one tonne, of CO<sub>2</sub> emissions a year. If every house of the 20 million houses in the UK had a solar hot water system then we would save c. 20,000,000 tonnes of CO<sub>2</sub> a year from the UK. Please do not forget this when you are carrying out this important policy review.

Yours sincerely,

Professor Susan Roaf