

## *Future of low carbon energy*

### **General Teaching Ideas**

#### **1. Question regarding price of fossil fuels taken from [panel discussion media clip](#) (6.10 – 6.45 mins)**

The following question is put, or shown, to students to initiate their own discussion. The panel's answer can be watched after the students' discussion.

The question:

“Higher fossil fuel prices encourage the development of alternatives; they also encourage the development of oil assets or oil fields, leading to more pumping which equals more carbon dioxide being pumped in the atmosphere. Low fossil fuel prices discourage the development of alternatives but discourage the investment in fossil fuels. So, which is better for a healthier planet?”

#### **2. Energy in the news**

Over a two week period, students collect energy stories from the news and assess which issues are dominating the news and why. They can also use the stories to assess the accuracy of the reporting in relation to their own knowledge and understanding.

#### **3. Calculating carbon footprints**

Students calculate their carbon footprints using a calculation website for example <http://www.carbonfootprint.com/> They then devise an action plan to reduce their carbon footprint for them and their family. This task can be extended to work out and then reduce the carbon footprint of the whole school.