



# Transition Mayfield

## Energy project

The aim of this project is to explore the feasibility and relevance of a district energy project. Climate change is going to demand a shift in our sources of energy and local energy should play a big part in that new mix...



### Community energy survey

Transition Mayfield is conducting a survey of the community's current energy consumption in order to understand what it would be possible to do to help insulate the community from uncertain future energy supplies.



To do this we are working with the Parish Council to ascertain:

- \* the total number of residents and households;
- \* the number of local farms and businesses.

Once we have this information we can start to investigate the most appropriate forms of renewable energy for the village. We will evaluate systems capable of providing at least as much electricity as the entire village is currently consuming. We will also look into some potential financing options and ownership, management structures as well. Advice will also be available to those who are interested in beginning the process of becoming energy self-sufficient themselves.

### House renovation project



Transition Mayfield's Derek O'Connor is currently completely renovating his house in Mayfield according to principles of sustainable development. As the work progresses he will share his experiences through this website so that others can see what things work (and what don't) and how they affect Derek's lifestyle; thus enabling others to make informed decisions for their own homes.

### Make the most of local suppliers, experience and expertise



**Rogers of Mayfield** supplies: low energy light bulbs, OWL energy monitors, wind up and LED torches, category A energy-rated domestic appliances, rechargeable batteries, floor sweepers



**Graham and Shirley Holland**, Mayfield residents, have recently installed a solar panel on their roof to provide them with hot water. They are willing to share their experience with others interested in doing the same.



**Paynes Energy Solutions, Blackboys** has been established since 1987, as plumbing and heating specialists. In the last 5 years, as technologies have developed and the need for more sustainable living and energy production, we have applied our years of experience to a number of proven Renewable Energy sources. We are able to supply, design, install and maintain our systems, and with our background in heating and engineering, we have in depth knowledge of how these technologies are integrated into existing systems. We are able to consider the current and conventional energy sources and compare them to or combine them with Renewable Energy products. We have no preference to which energy source or manufacturer, we will provide the best solution for the given situation. Our Renewable Energy Centre is open to professionals and the public alike. With complete working models of Geothermal, Solar Thermal, Solar PV, Solar PV-T, Air to Air and Air to water Heat pumps and Rain Water Harvesting.

For full details visit [www.transitionmayfield.org.uk](http://www.transitionmayfield.org.uk)