



Welcome to another monthly flash of news from EngineerAid. Once again we'd like to thank you for all your help in providing advice for our projects around the world. For more information on our work visit www.EngineerAid.com

Darfur Cooking Revolutionised

Ashok Gadgil has revolutionised the way in which the refugees of Darfur cook by developing a stove that requires only 75% of the wood fuel of an open fire. This will save many the risk of attack by Janjaweed while collecting fire wood. Gadgil hopes to distribute these to some 300 000 refugee families. Visit www.msnbc.msn.com



ZeroCarbon

The Institute for Alternative Technology has published a paper suggesting a bold policy to reduce Britain's carbon emissions to zero within 20 years. Visit www.zerocarbonbritain.com for the full report.

EngineerAid Is Growing!

August will see the launch of student engineer (apprentice) consultants, allowing students, for the first time, to play a part in helping EngineerAid's enquirers while also gaining invaluable experience. Email contact@EngineerAid.com

Thanks

A big thank you to Michael Wood, a senior BP engineer, for his presentation to E A volunteers. For more details check the news section of the website

Aid to Malawi

The Scotland Malawi Partnership met at the beginning of May in Glasgow to celebrate Malawi's 43rd Independence Day. The Partnership discussed Malawi's recent achievements including almost a 10% drop in the rate of inflation and increased Maize production.

Also on the agenda was the 2007/8 budget where 37.1% has been earmarked for development. Within rural areas communities will be expected to initiate development projects with central economic support. EngineerAid aims to play a part in rural development initiatives with the support of our engineers.





Enquiry of the Month

Newtraid have been involved in helping redevelop a Ugandan hospital's infrastructure and medical facilities.

The area for which they have asked for our support is the use of solar power, particularly electricity generation, through the use of PVs to replace some of the mains and generator capacity.

It is important to identify what capacity can be economically substituted as they cannot, at present, replace the existing generator even though this is close to failure and has regular, prolonged breaks in power supply.

At this stage Newtriad would like to identify where the use of PVs could provide a solution. Ideally they would like to consider the following possibilities:

- General hospital lighting for the wards and treatment rooms.
- Lighting for the operating theatre (which requires more power).
- Hospital equipment such as x-rays and sterilizers. Currently these can only be used when mains electricity is available.
- Water pumping, which, again, can currently only operate with mains electricity.
- Office lighting for computers and the satellite communications system.
- Security lighting around the perimeter fence.
- Staff accommodations for lighting and cooking.

There is also a need for energy for heating water but at the moment they are assuming that they could use direct solar heating.



We are currently working on this project - if you feel you can help email:

contact@EngineerAid.com