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- ⏻ reduce costs
- ⏻ reduce carbon
- ⏻ generate income

Free advice for your generation

RENEWABLE ENERGY 4  
**DEVON**

# Installing Renewable Energy in New Buildings

## February 2008

Organised by:



Devon Sustainable  
Building Initiative  
[www.sustainablebuild.org](http://www.sustainablebuild.org)

**envision**

where environment means business



**FUTURE FOUNDATIONS**  
Building a better South West

# OPPORTUNITY OKEHAMPTON

## OVERVIEW OF THE PROJECT



- **BREEAM**  
Excellent expected
- **CEEQUAL**  
Excellent expected
- Attenuation ponds to collect the storm water
- Timber frame construction (**PEFC**)

# GRANTS



- If applying for a LCBP Phase 2 Grant it must be in place before any item of equipment is delivered to site or installed.
- Grants usually take up to 4 weeks to process
- Schemes are run by the BRE and for more information go to;

[www.lowcarbonbuildingsphase2.org.uk](http://www.lowcarbonbuildingsphase2.org.uk)



## GETTING THE JOB DONE! BEFORE STEPPING ON SITE



- If grant funded a list of framework installers is available from the LCBP website
- Method Statements and Risk Assessments
- Drawings for approval
- Programme



# OPPORTUNITY OKEHAMPTON ENERGY SAVERS



- Wood pellet boiler
- Photovoltaic panels
- 6kw Wind Turbine
- Import/Export meter
- Rainwater Harvesting
- Natural Ventilation system



## INSTALLATION

- **Wood Pellet Boiler**  
Size of hopper/Loadings to floor/Deliveries
- **Photovoltaic panels**  
Access to roof/Protection to roof
- **Wind Turbine**  
Anchor block and turbine base
- **Import/Export meter**  
Educating the experts
- **Rainwater Harvesting System**  
Tolerances for the base
- **Natural Ventilation**  
Co-ordination