

# A Rural Response to a Global Crisis



**Harbury Energy Initiative - Low carbon living for a healthy future**  
**Harbury E-Wheels - a lifeline to alleviate rural isolation**  
**Low Carbon Warwickshire Network - a new network to share ideas**

**Bob Sherman FRSA BEM - Chair Harbury e-Wheels  
and Chair LCWN; Founder and President HEI**



# Harbury Energy Initiative starts



- ✨ Launched in 2010
- ✨ Straight into a major national competition in 2011 - energysshare
- ✨ Our sudden immersion in Facebook and Twitter
- ✨ Green Memories Green Future



## Join HARBURY ENERGY INITIATIVE

WHAT ARE WE DOING? We are bidding to Energysshare to improve our community buildings. We are asking for: Solar PV on the village hall Biomass boiler for the church Air... To find out more visit the website below.

# The next big leap - LEAF



**encraft**  
securing your energy future



**Energy Options Report**  
Energy Options Report for Harbury CE Primary School


Prepared for  
Harbury CE Primary School  
Mill Street  
Harbury  
Warwickshire  
CV33 9HR

Author  
Jon Garrett

Date  
13th March 2012

Reference  
P2354

**Can you save money on your energy bills?** 'Green Future'



The energy efficiency rating is a measure of the overall efficiency of a home. The higher the rating the more energy efficient the home is and the lower the fuel bills are likely to be.

Energy Efficiency Rating		As Built	Potential (Improvements)
(92-100)	A		
(81-91)	B		
(69-80)	C		73
(55-68)	D		
(39-54)	E	37	
(21-38)	F		
(1-20)	G		

England & Wales EU Directive 2002/91/EC

Very energy efficient - lower running costs      Not energy efficient - higher running costs

Our Energy Performance certificate sample of typical village properties suggest your house may be able to improve its energy efficiency



- £45,000 from DECC to promote the ill-fated Green Deal



# e.on Energy Action Fund

Marshall Hardy - A5 4pp Leaflet\_Layout 1 29/05/2014 11:15 Page 1

## How we can help you now

- Promotes and supports home improvements to cut energy costs
- Seeks funding to help the village's community buildings cut their energy use
- Investigates community energy generation
- Keeps Harbury up to date about relevant new technology, funding and government schemes
- Runs informative events with industry speakers for the benefit of Harbury's residents

If you want to know how we can help you with your energy bills, please contact Bob Sherman: [shermanbob55@gmail.com](mailto:shermanbob55@gmail.com) Telephone 01926 612277

Engaging the next generation. Poster from Harbury School for 'Green memories, green future' event.

Harbury Energy Initiative is grateful to:

**e.on**  
The E.ON Energy Action Fund (and the Harbury Horticultural Society) for supporting this leaflet and the Rugby Club house insulation project and Richard Marshall-Hardy for leaflet design and production

## Harbury Energy Initiative

Harbury Energy Initiative is a village community group committed to cutting energy costs for residents, community buildings and small businesses in the village.

By saving you energy we will help to make your bills more affordable and reduce the amount of damaging carbon released.



Heat retained. Money saved. 6.0 °C

Heat lost. Money lost. 5.9 °C

Sp3 8.9

Sp2 3.1

Thermal image taken by Act on Energy on 28 December 2013 at 8.15pm with ambient temperature of 10°

-0.0 0.0

Saving energy. Cutting costs.

**£2,000 from e.on to insulate the Rugby Club**



**e.on**  
An E.ON Energy Action Fund project

## It's snuggler in here than a rugby scrum!



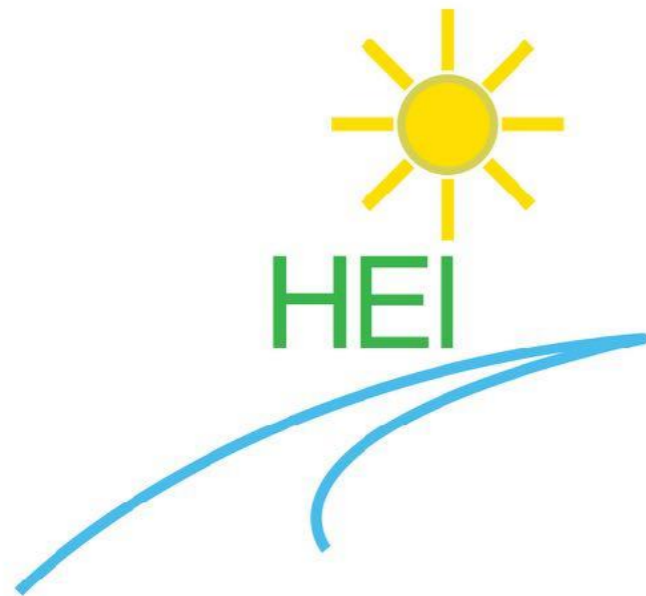
With the support of E.ON's Energy Action Fund Harbury Energy Initiative is making this building warmer and cheaper to heat by simple insulation measures. As a result of the funding the club will save around £340 on their annual heating bill.

**You could save money on your bills too.**

To find out more, take a leaflet or contact Bob Sherman on 01926 612277 or email [shermanbob55@gmail.com](mailto:shermanbob55@gmail.com)

**Harbury Energy Initiative**  
Saving energy. Cutting costs.

# Working with the school



- A logo
- And a couple of surveys
- Earth poems
- Talks in school

# Electric car club



- ✿ Familiarise people with electric cars
- ✿ Part of the low carbon agenda
- ✿ Cut pollution
- ✿ Because we were offered the chance
- ✿ Can't resist new technology!
- ✿ After 4 1/2 years has come to an end.




**It's behind you!**



# Harbury e-Wheels - the initial idea

 **Using the car club vehicles for public social benefit**

 **Working with food banks**

 **Need social agencies to do the assessments and referrals**






 **Must be free and not competing with existing provision**

 **Clean, green transport**



**Nosh n Natter 2018**

# Harbury e-Wheels continuation

-  **The close of the car club meant an uncertain future**
-  **Electric Zoo and car rental exclusively for Harbury e-Wheels use**
-  **Higher costs, so greater fundraising**
-  **But gives us greater flexibility**
-  **Determination to continue despite the Pandemic - and we have!**



**An uncertain future - or far-sighted vision?**





# Our achievements so far

- 🚗 15 volunteer drivers and 6 volunteer coordinators; two EVs
- 🚗 An efficient booking and admin system in place
- 🚗 All drivers DBS checked
- 🚗 Delivered about 1,600 hours of free transport in 2019
- 🚗 and 17,000 volunteer miles
- 🚗 Raised sufficient funds - so far - from individual donors, events and trust funds to keep going! About £15,000 needed every year.
- 🚗 Now a charitable company limited by guarantee (no 1188537)



Collecting for the food bank delivery



# What sort of thing do we do?


 Food bank delivery weekly

 Doctor and hospital appointments

 Dental appointments

 Young family support - courses and counselling

 Shopping trips (mainly elderly but also others)

 Social events in Southam and Harbury for the isolated, e.g Nosh 'n' Natter, Meeting Point, Connexions Cafe, Holiday at Home

 Job Centre

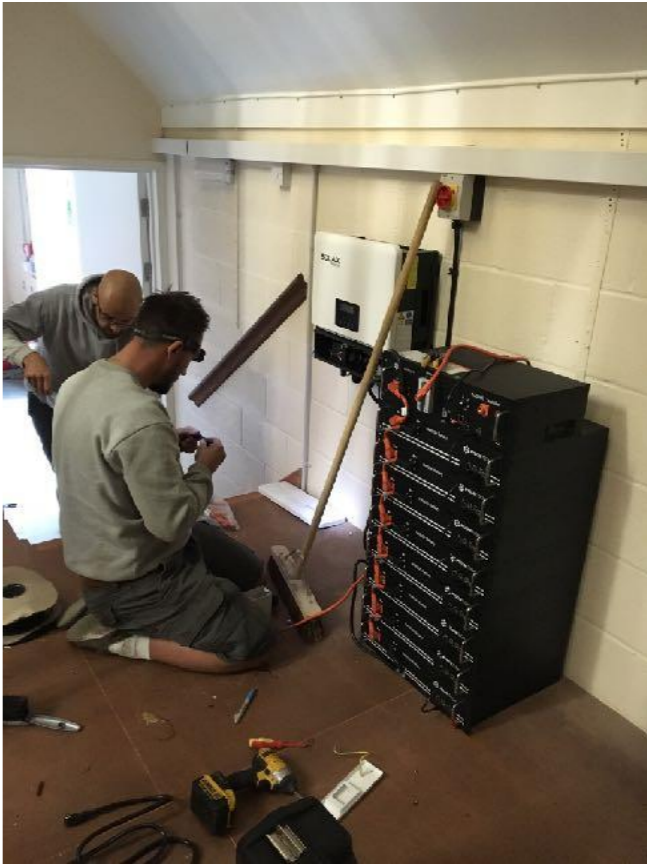
 Court hearings (custody/safeguarding/abusive partners)



# HEI - energy generation and storage



- ✨ LED lighting throughout the school and in Scout hut
- ✨ 12kWp PV on school roof (SALIX fund + Carbon Trust and HoECF grants)
- ✨ Air monitoring for awareness
- ✨ 19kW Sola X battery for village hall (Grant from Postcode Local Trust)
- ✨ Eco Church Bronze Award for church
- ✨ Start of Low Carbon Warwickshire Network



Supported by players of



Awarded funds from



# Low Carbon Warwickshire - a new network

- ▣ Low Carbon Warwickshire Network - our next collaborative initiative, working with RSA
- ▣ Linking low carbon (mainly rural) communities to share ideas, stimulate new activity and inspire each other. Starting in South Warwickshire.
- ▣ Three events so far - next one Church Lawford near Rugby in November. It's working!
- ▣ Formed a consortium with Act on Energy, Community Energy Warwickshire, Napton Environmental Action Team and the RSA to resource the network
- ▣ 12 member groups so far

Priority	Popularity (Dots)	Count
ENGAGE YOUNG PEOPLE or GIVE THEM A VOICE	10 dots	10
COMMUNITY-WIDE PROJECTS eg planting	11 dots	11
TAKE MEAT & DAIRY OFF MENUS OF PUBLIC INSTITUTIONS MORE PLANT-BASED & SEASONAL FOOD	9 dots	9
REVIEW/AUDIT PUBLIC BUILDINGS	8 dots	8
ADVICE ON RECYCLING BETTER	8 dots	8
LOCAL CAMPAIGN ON AIR POLLUTION	8 dots	8
LED STREET LIGHTS	3 dots	3
PUBLIC EDUCATION	10 dots	10
CAR-SHARING SCHEME	7 dots	7
CANCEL CHRISTMAS! (or modify)	11 dots	11

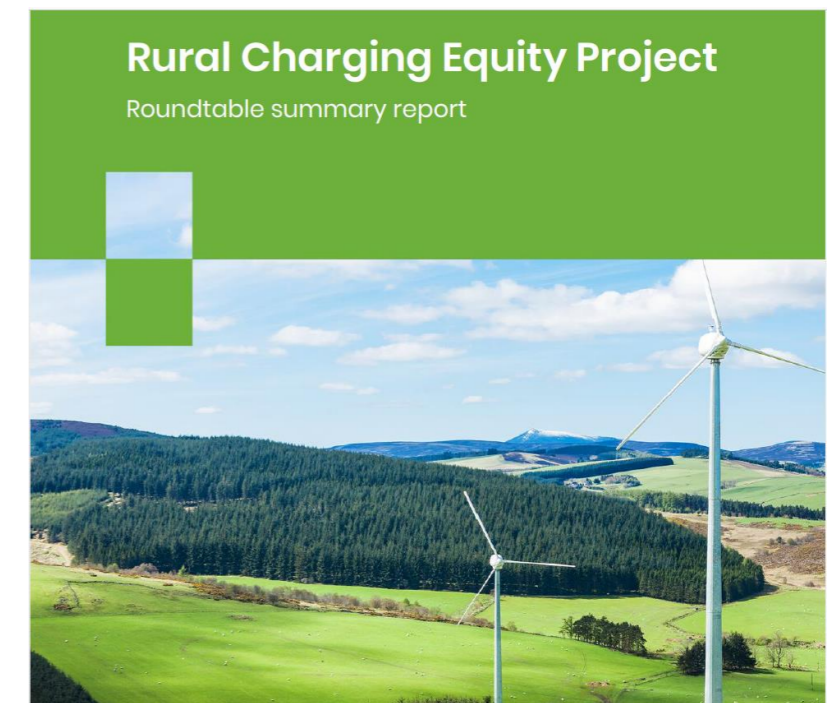


# Low Carbon Warwickshire - Our Aims

- ▾ Apply principal of bottom up deliberative democracy (e.g. citizen's assemblies)
- ▾ Encourage local groups to form which can support Parish and Town Councils to develop climate emergency strategies
- ▾ Practical measures no matter how small
- ▾ Events within villages and rural towns with good speakers
- ▾ Outreach to communities including hard to reach
- ▾ Connected community groups for mutual support
- ▾ Web resources
- ▾ Make use of existing/in progress regional and national programmes that support our aims
- ▾ Accelerate change!!

# Harbury Future Energy - our latest project

- 🚗 Rural EV charging station
- 🚗 Part powered by renewables
- 🚗 supported by RCEF to Stage 2
- 🚗 Not yet capital funded
- 🚗 To support Harbury e-Wheels and provide a community resource
- 🚗 Note Energy Saving Trust report





That's the story so far.  
Can we go further?

Thank you.

