



WORKING TOGETHER TO
MAKE A MASSIVE CHANGE
IN THE ENERGY SYSTEM

LET'S CREATE ENERGY WE CAN FEEL GOOD ABOUT FOR OXFORDSHIRE AND THE UK



@lowcarbonhub
www.lowcarbonhub.org

Why the Low Carbon Hub?



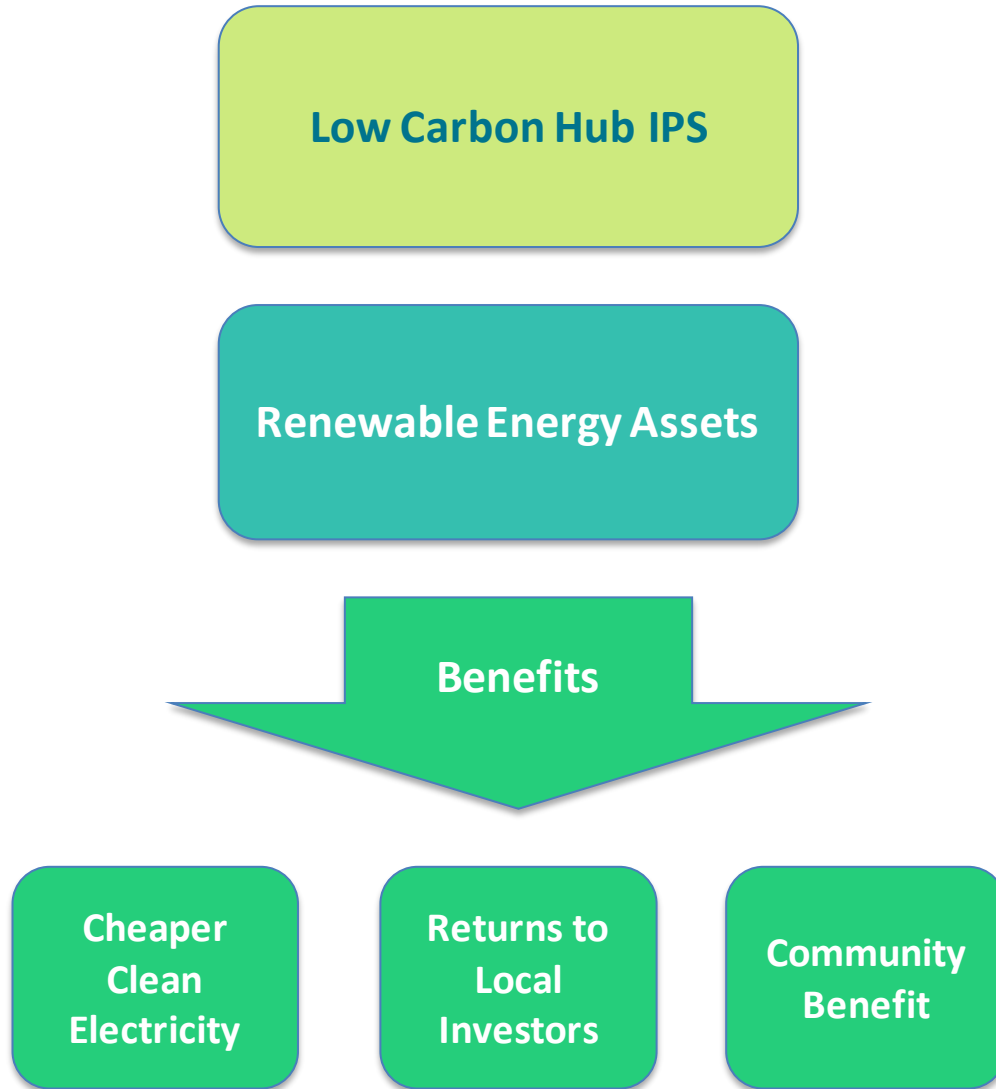
Didcot power station is closing down: what is our energy future?

Low Carbon Hub is an award-winning *social enterprise* working for a massive change in our energy system. We think we need to get *much more local* about our energy system and *much more renewable*, so that the benefits of renewable generation strengthen local communities.

We develop community-owned renewable energy in Oxfordshire and re-invest 100% of our own surplus in our mission to create an energy system we call all feel good about.



WHAT IS LOW CARBON HUB: the IPS?



- Our Community Benefit Society develops renewable energy assets
- We split our surplus three ways:
 - (1) Energy discounts to our project hosts
 - (2) Return to our local investors
 - (3) Community benefit donations
- We fund construction of projects using our £2.3m revolving facility from Oxford City Council and pay this back with equity raised from local investors



WHAT PROJECTS DO WE DEVELOP?



- Solar PV on business rooftops
 - e.g. 250kW on Norbar Torque Tools



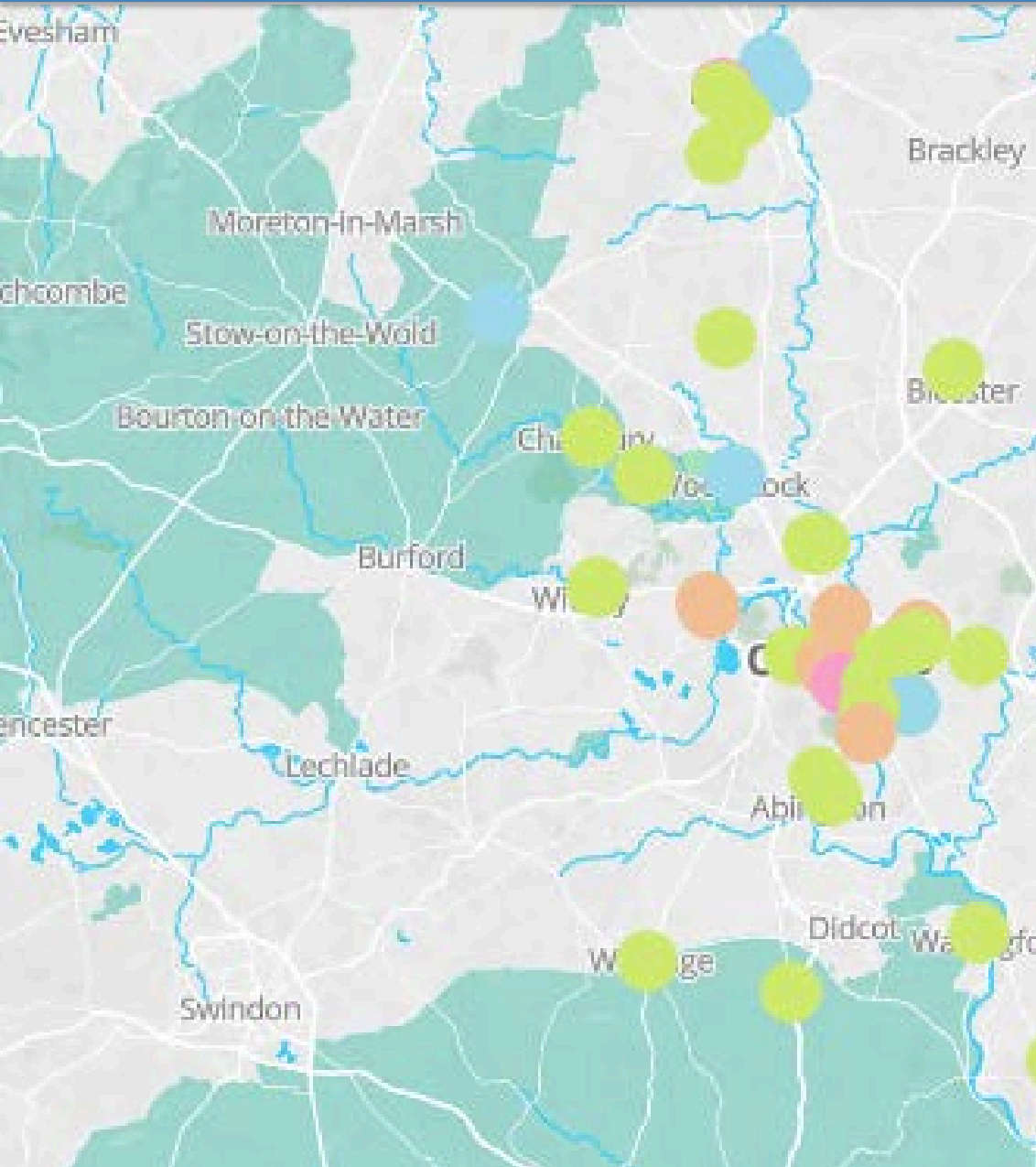
- Solar PV on schools
 - e.g. Larkrise Primary School in East Oxford



- Low-head hydro
 - e.g. Sandford Lock in South Oxfordshire



WHAT IS OUR TRACK RECORD?



Solar 2014: £1.8m

- 12 schools
- 4 businesses

Solar 2016: £2.3m

- 16 schools
- 2 businesses

Sandford Hydro: £3.2m

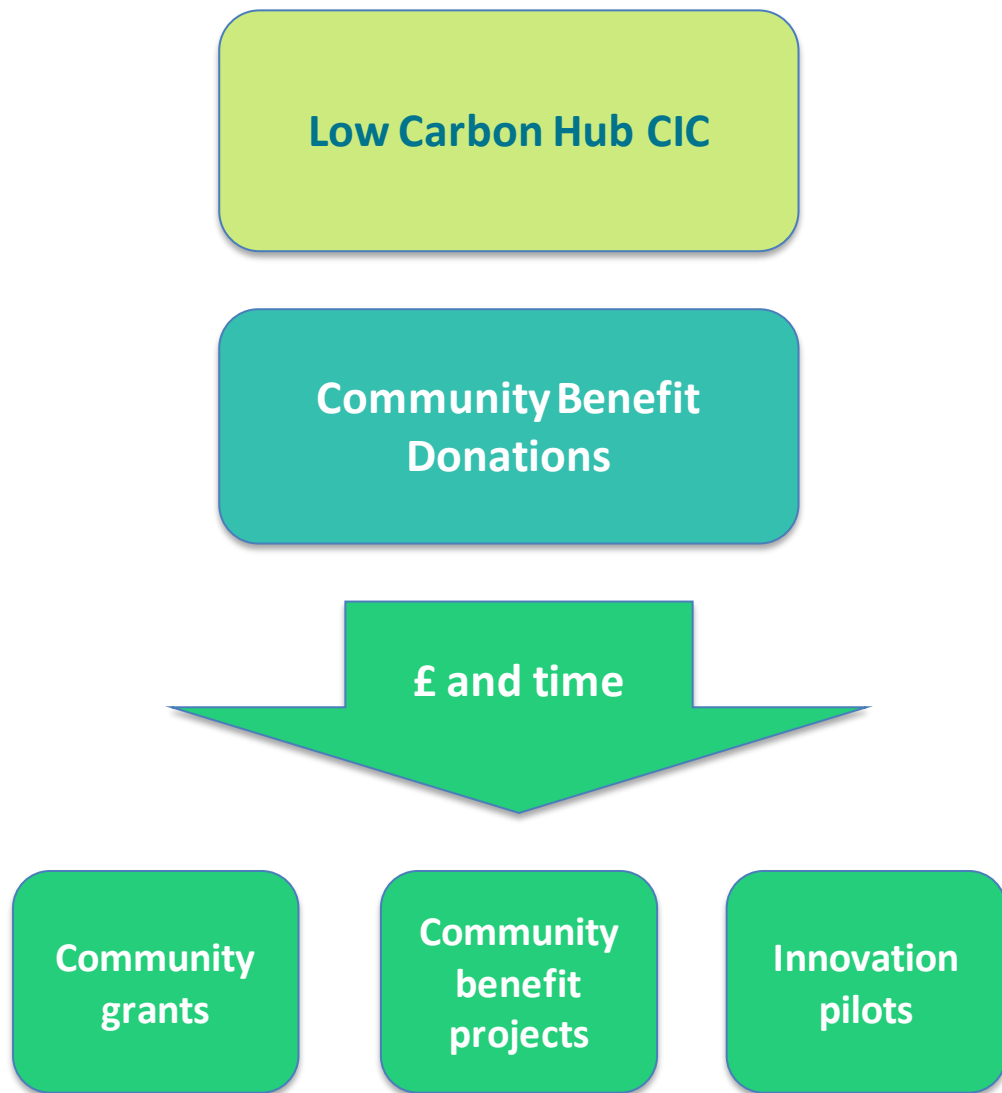
Total capex: £7.3m

Investor IRR: 5% over 20 years

Total community benefit: £4m



WHAT IS LOW CARBON HUB: the CIC?



- Our Community Interest Company (CIC) receives the community benefit donations from our projects
- We then donate our time and money to make more carbon reduction happen:
 - 25% of the funds are given as grants to our 24 community shareholders for work in their local area
 - Our time and expertise is used to help communities to develop their own renewable energy projects
 - 75% of the funds are spent on working with communities to develop new models for community energy, eg energy storage, renewable heat
- We have spent over £100,000 so far in time and money to support the development and implementation of community projects across Oxfordshire



A SELECTION OF PROJECTS WE HAVE



- **Osney Lock Hydro**
 - 49kW project in West Oxford
 - £650k local investment
- **Southill Solar**
 - 4.5MW solar farm in Charlbury
 - £3.7m local investment
- **Warming Barton**
 - External wall insulation put onto 16 houses at no charge to residents
 - One of the 20% most deprived wards in the UK
 - Total £166k investment in partnership with Oxford City Council



COMMUNITY ENERGY CAN POWER
A LOW CARBON ECONOMY



LOW CARBON HUB SHARE OFFER

Invest **from £250** at www.lowcarbonhub.org/invest

18%

OF £1.2M TARGET RAISED

DEADLINE 5PM, 11TH JULY 2016

**SANDFORD
HYDRO**

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ethex

9%

OF £2.2M TARGET RAISED

DEADLINE 5PM, 11TH JULY 2016

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2016**

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WITH SHARE OFFER
NEWS & UPDATES

We'll keep you informed
of share offer progress
so you don't miss out.

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