

# Developing an Eco-social Enterprise

Session 1

Tuesday, 28 March, 2017

Tim Crabtree, Schumacher College

# Current roles

- Senior Lecturer, Schumacher College
- Founder & Associate, Wessex Reinvestment Trust
- Founder & Board Member, Bridport Area Development Trust
- Founder & Chairman, Dorset Community Energy
- Board Member, The Real Farming Trust
- Former Chief Executive, West Dorset Food & Land Trust and Local Food Links Ltd, 1996 – 2011

# Schumacher College
























# Dartington

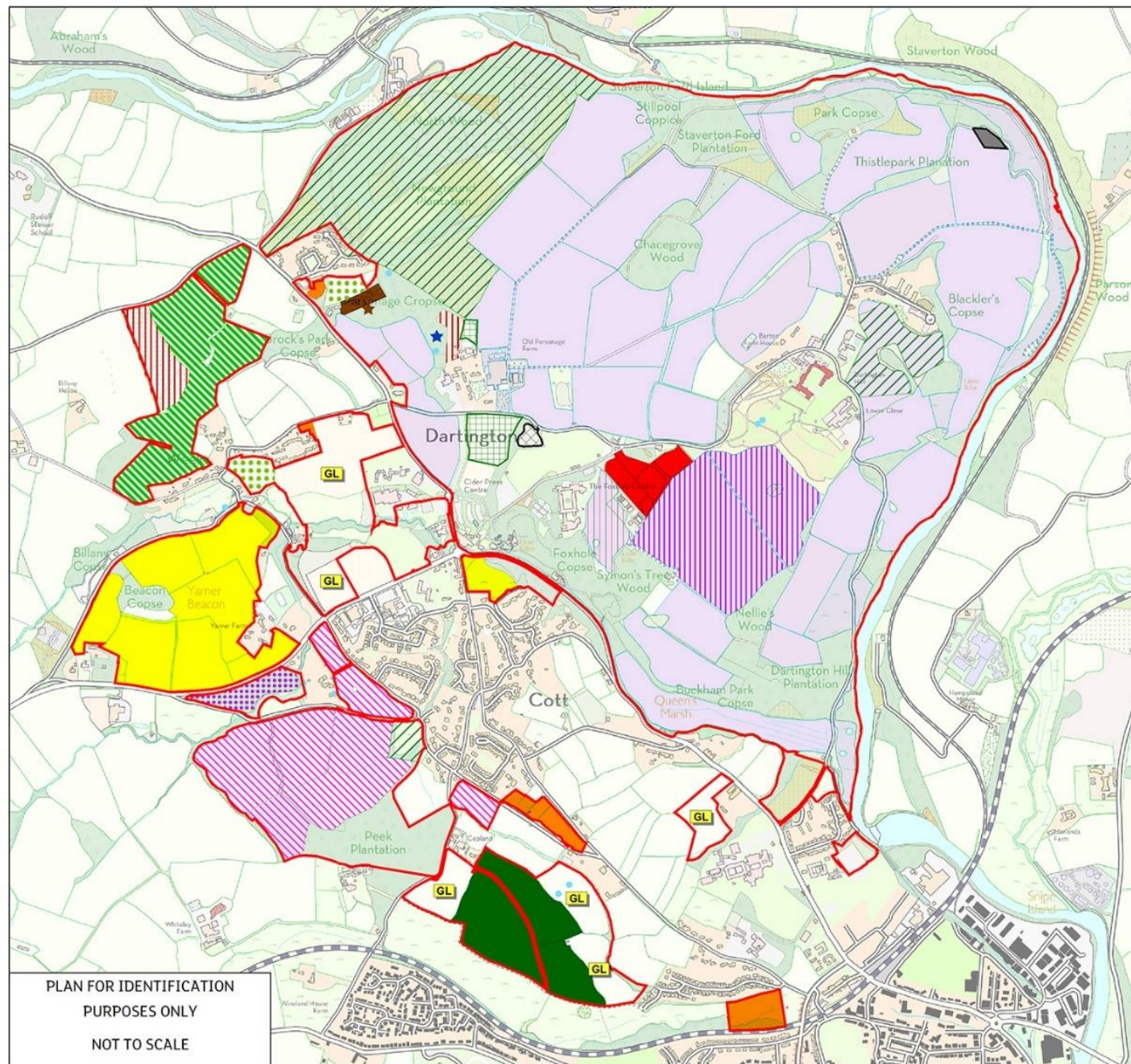




# Land Use Map Update July 2015

## Key

-  Estate Boundary
-  Old Parsonage Farm Holding
-  Existing Agroforestry
-  Proposed Agroforestry
-  School Farm
-  Schumacher College
-  Landworks
-  Abundant Life Site
-  Hazel Coppice
-  Community Garden/Orchard
-  The Apricot Centre Huxham's Cross Biodynamic Farm
-  Jolly Farm - Yarner
-  The Living Projects - Pond Field
-  Ross Birbeck - Peek Farm
-  Biomass
-  Allotments
-  Grazing Land
-  Woodland Products Hub
-  Forest School Site
-  Open Space





# Schumacher College

*Transformative Learning for Sustainable Living*























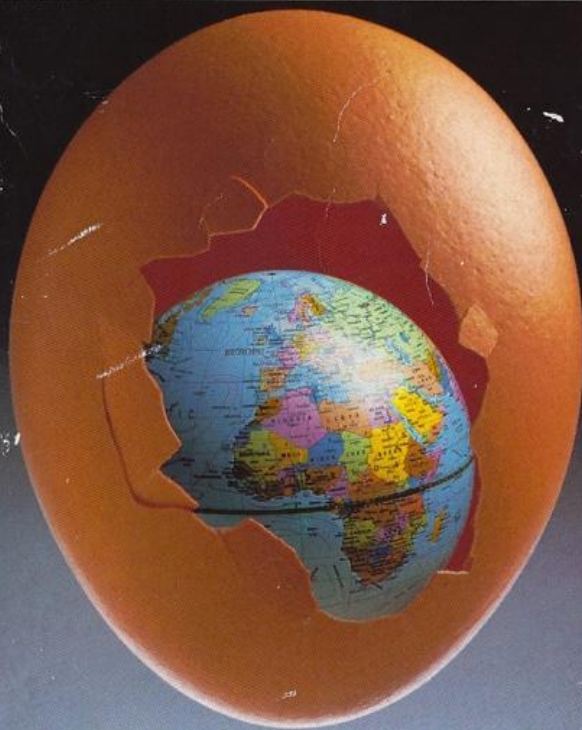




ABACUS

E.F.

**SCHUMACHER**  
**SMALL IS BEAUTIFUL**



A STUDY OF ECONOMICS AS IF  
PEOPLE MATTERED



**n e f**

economics as if people  
and the planet mattered

ABACUS

# SMALL IS POSSIBLE

George McRobie



The sequel to E.F. Schumacher's **SMALL IS BEAUTIFUL**  
and **A GUIDE FOR THE PERPLEXED**



# HOUSING



# FOOD



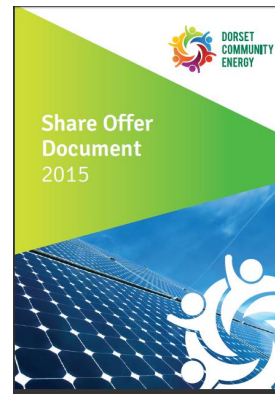
# ENERGY



# WORKSPACE



# FINANCE



# Training & Community Development



# Question:

What am I concerned about?

# BridportNEWS

News Sport Leisure Info Your Say Family Video Announcements

National News Local News Bridport Lyme Regis Elections

[Bridport and Lyme Regis News » News »](#)

**NEWS** 

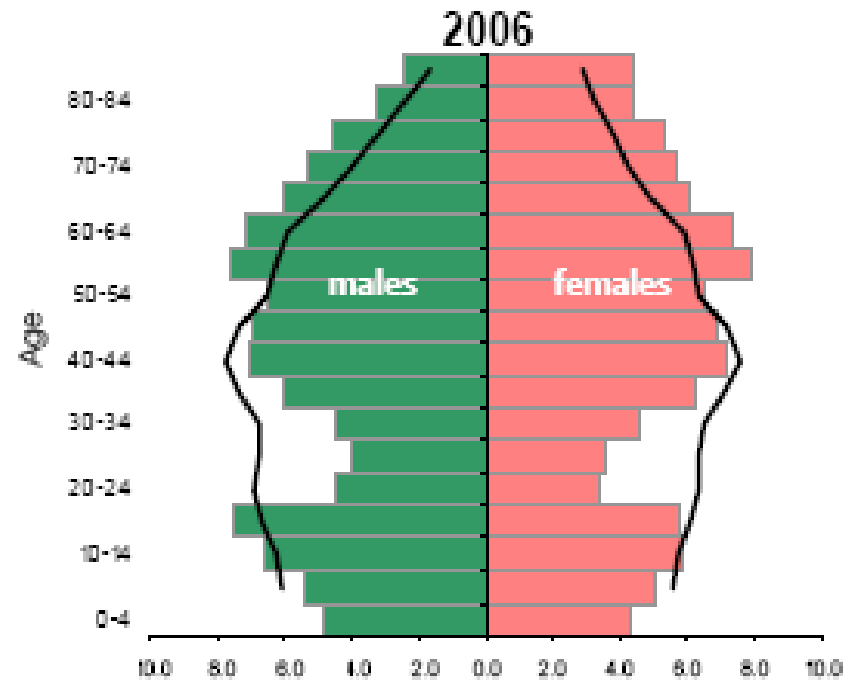
## Bridport: 1,000 people chase just 15 new homes

By Rene Gerryts

10:32am Wednesday 30th March 2011 in News

A STAGGERING 1,000 local people applied for just 15 homes when they went up for grabs in Bridport.

Population Pyramid - Dorset and England.



**3,496,000**  
**PRICED OUT**


The PricedOut Index of taxpayers trapped renting

## The campaign for affordable house prices

Angry about the high cost of housing? PricedOut gives you a voice.

Housing across much of the UK has become unaffordable for ordinary people, as successive governments encourage people to treat houses as investments rather than somewhere to live. As a result of rising house prices it now takes 12 years on average to save a deposit.

We call for action from government to build more homes and reduce the cost of decent housing.

 Sign in with Facebook

 Sign in with Twitter

 Sign in with Email

Email address

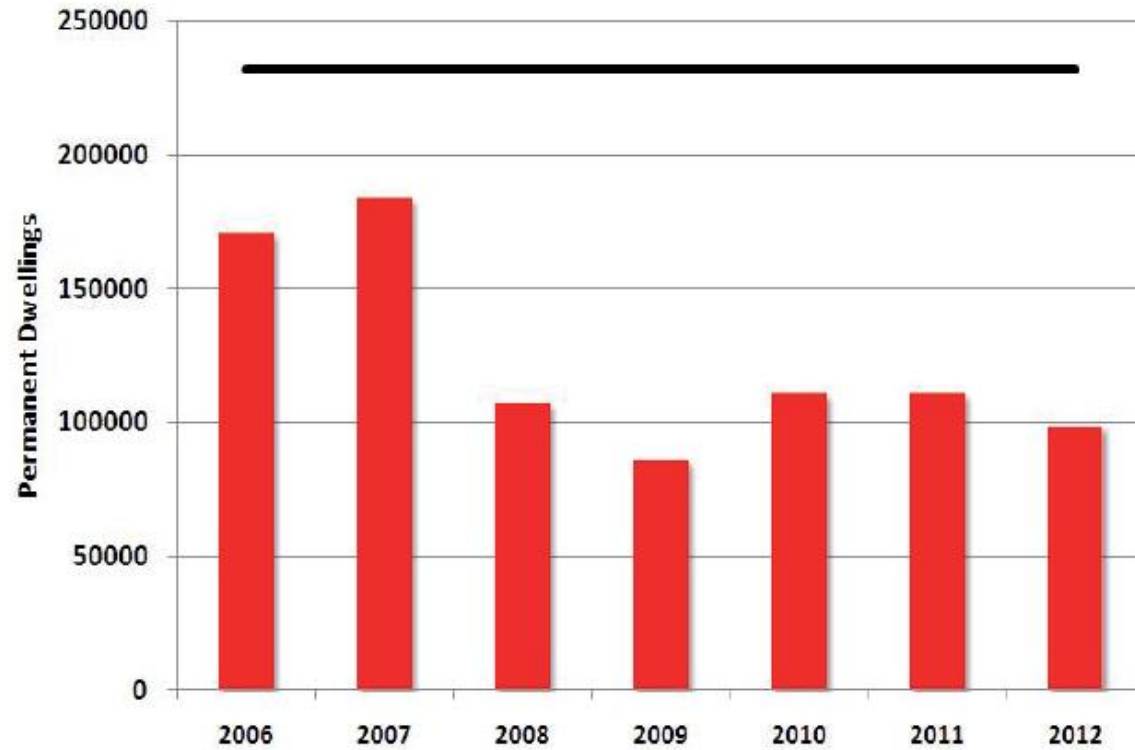


## Young families priced out of rental markets in two-thirds of the UK

Figures suggest soaring rents make having children financially prohibitive for young couples in southern England and beyond



## We've not been building enough homes



■ Total housing starts  
— Arising housing need

Source: DCLG

# Shelter

# The rise and rise of UK house prices



# Land trusts in the UK



**cds**  
CO-OPERATIVES

**nef**



**Common Ground – for Mutual Home Ownership**

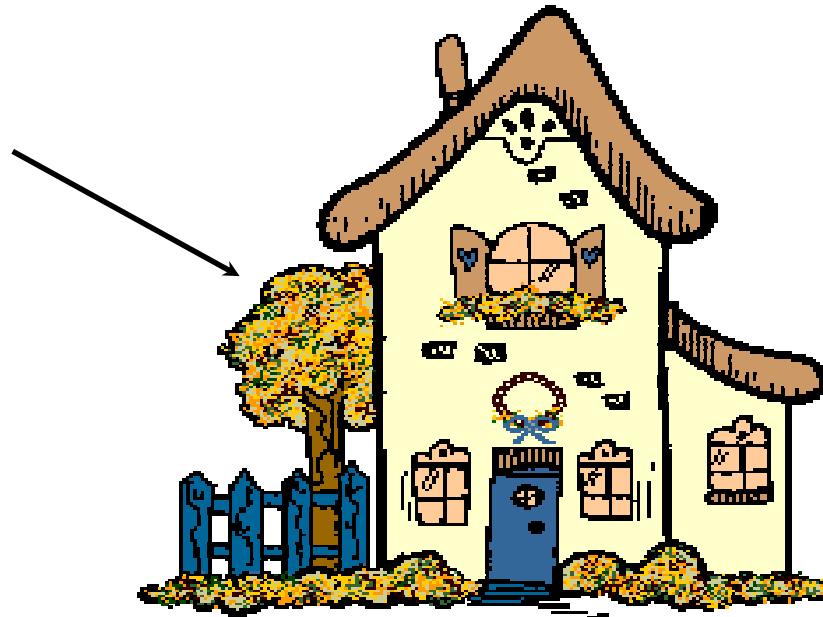
Community land trusts and shared-equity co-operatives  
to secure permanently affordable homes for key workers

Written by the New Economics Foundation and COs Co-operatives  
Paul Conroy, Johnnie Bickell, David Barwell, and Rosemary Peppitt

The mutual drive is action 3



HOME



LAND

CLT Separates Ownership of Land From Home

CLT retains ownership of land

Homebuyer buys - and owns - her home

CLT leases land to homeowner

# Wessex Reinvestment Trust group

**Wessex  
Community  
Assets  
(CBS)**

**Wessex  
Reinvestment  
Society  
(CBS)**

**Wessex  
Reinvestment  
Trust  
(Charity)**

**Wessex  
Resolutions  
(CIC)**

**Wessex  
Associates  
(LLP)**





# Wessex Community Land Trust Project



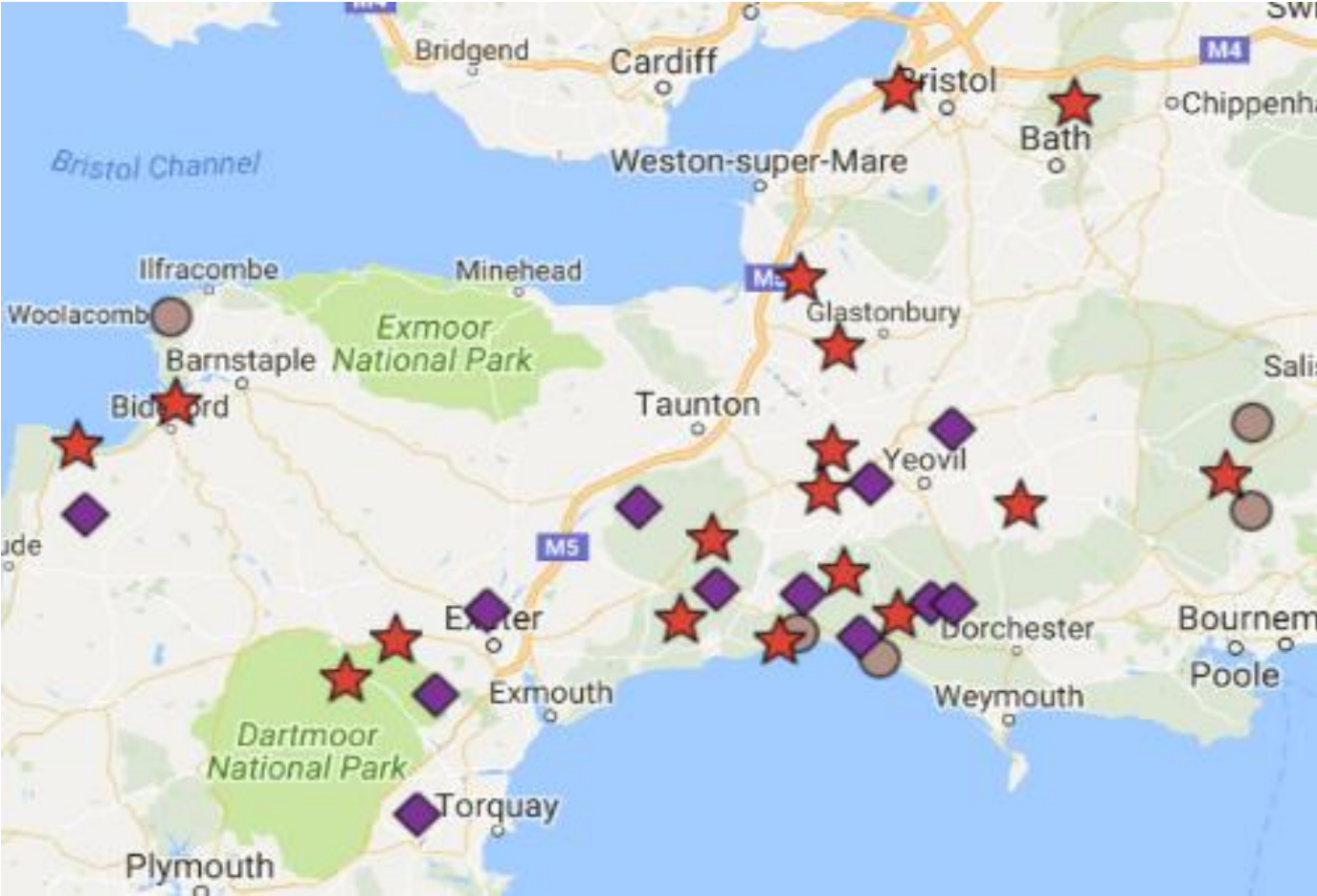
# Stand-alone CLT projects – inspirational and challenging

Dorset - Buckland  
Newton CLT



Devon – High  
Bickington CLT





purple is complete; red is 'in progress'; and brown is where we think new projects might emerge



Teign Housing



Marshwood Community Land Trust





# Dartmoor – Christow CLT and Teign Housing





Christow CLT and Teign Housing are nearing completion of 18 affordable homes in the Dartmoor National Park



Blackdown Hills – Upper Culm CLT and Hastoe Housing



Somerset – Norton CLT and Yarlinton Housing



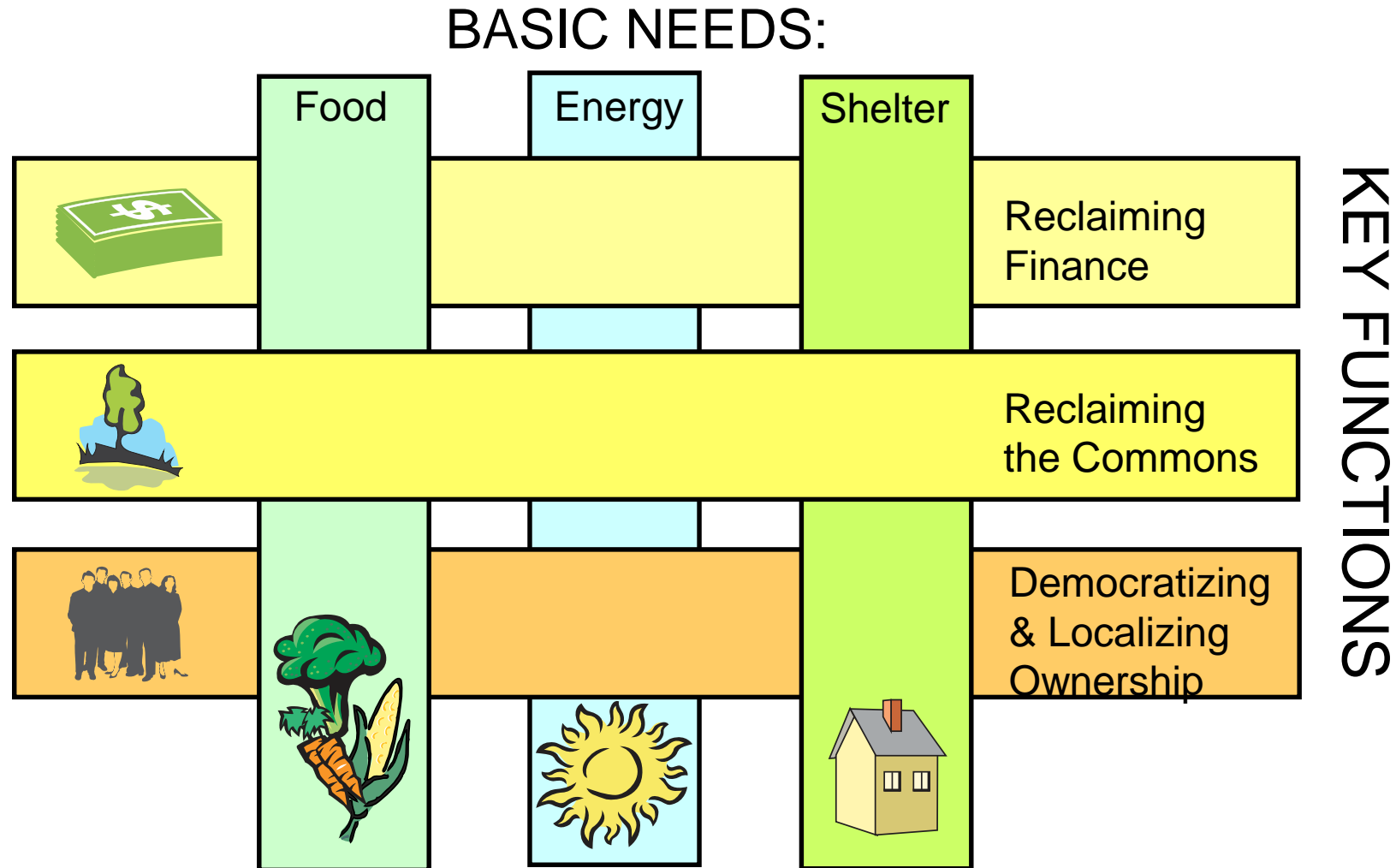






# Resilience and Transition

Building a Co-operative Economy Closer to Home



# Question:

What are you ecological or social issue  
are you concerned about?

Spend 5 minutes writing about this  
concern.



# Question:

What am I going to do about my concerns – what is my *intention*?



# Poole



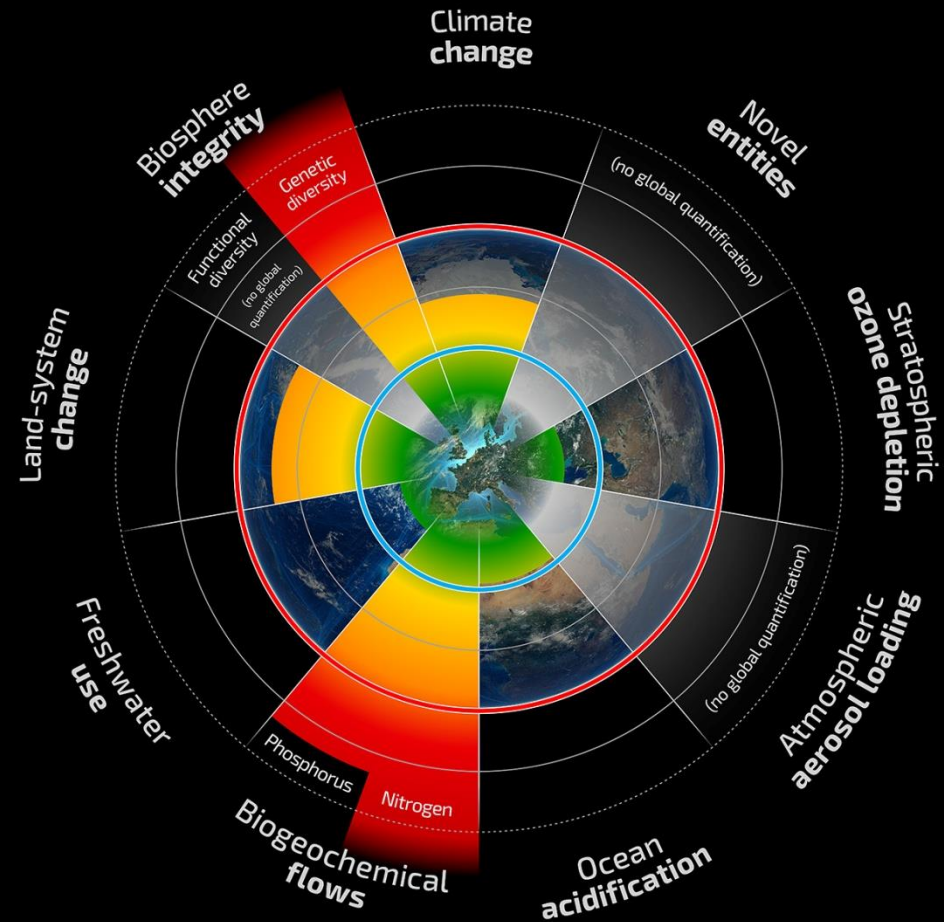






# Planetary Boundaries

A safe operating space for humanity

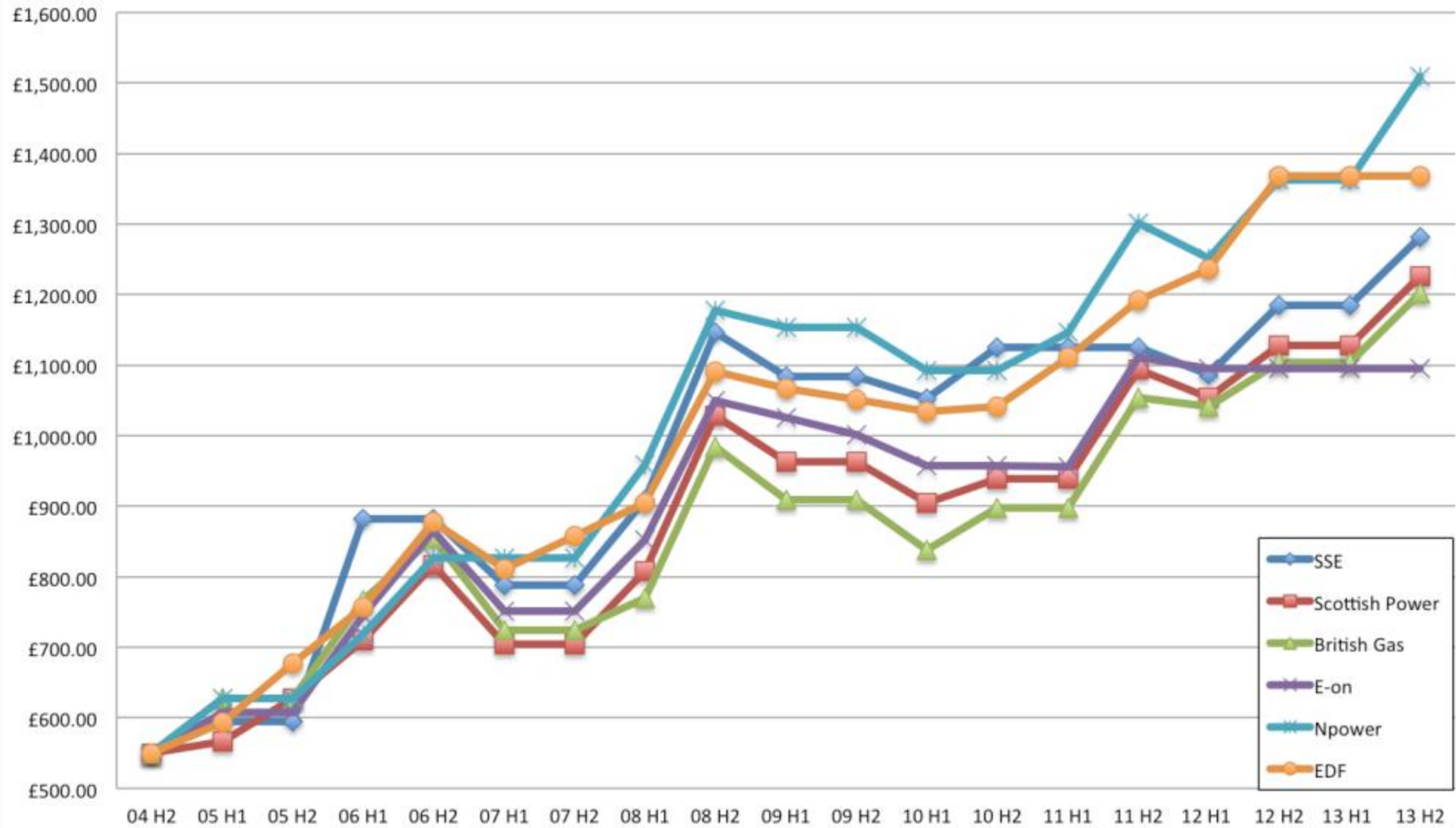


- Beyond zone of uncertainty (high risk)
- In zone of uncertainty (increasing risk)
- Below boundary (safe)
- Boundary not yet quantified





### 'Big 6' Energy Price Increases 2004 - 2013







trucks of water for each well

**200**

# FRACKING

## HYDRAULIC FRACTURING

Fracturing fluid (a mix of water, sand, and chemicals) is pumped into the well

The pressure causes the rock surrounding the pipe to crack

The proppants hold open these cracks to allow the trapped natural gas to escape

Gas flows up the well to be collected

### POTENTIAL RISKS

groundwater contamination  
air quality degradation

WATER  
SAND  
CHEMICALS

**70 to 140 billion**

GALLONS of water used to fracture 35,000 wells in the U.S. each year

equals approximately the ANNUAL WATER CONSUMPTION of 40 to 80 cities with population 50,000

(sand or ceramic beads) **300,000 to 4 million** pounds of proppants used per well

various chemicals make up up to **0.5% to 2.0% = 330 TONS** total volume of fracturing fluid

NATURAL GAS

# Dorset Community Energy



- Funding was secured from the Big Lottery to set up a new co-operative, Dorset Community Energy
- Initial target 6 community owned solar PV projects on schools and community buildings in Bridport, Dorchester and surrounding parishes

Partners



BRIDPORT  
RENEWABLE  
ENERGY  
GROUP



peat  
environment action team  
Transition Purbeck







Share Offer  
Document  
2015



Share Offer  
Document  
November  
2015







**DORSET  
COMMUNITY  
ENERGY**

## Milldown Primary School, Blandford 49kW





**DORSET  
COMMUNITY  
ENERGY**

## Bridport Arts Centre 16.2kW





**DORSET  
COMMUNITY  
ENERGY**

# Budmouth College 30kW





- **420kW of PV installations completed vs the target of 407kW in the 2 share offer documents**
- **Total budget spend - £489,000**
- **Total financial savings to the 12 schools and 4 community buildings from free or low cost solar electricity are estimated at £600,000 over 20 years**

# Question:

What is your *intention* – what will your eco-social enterprise do?

Spend 5 minutes writing about this intention.

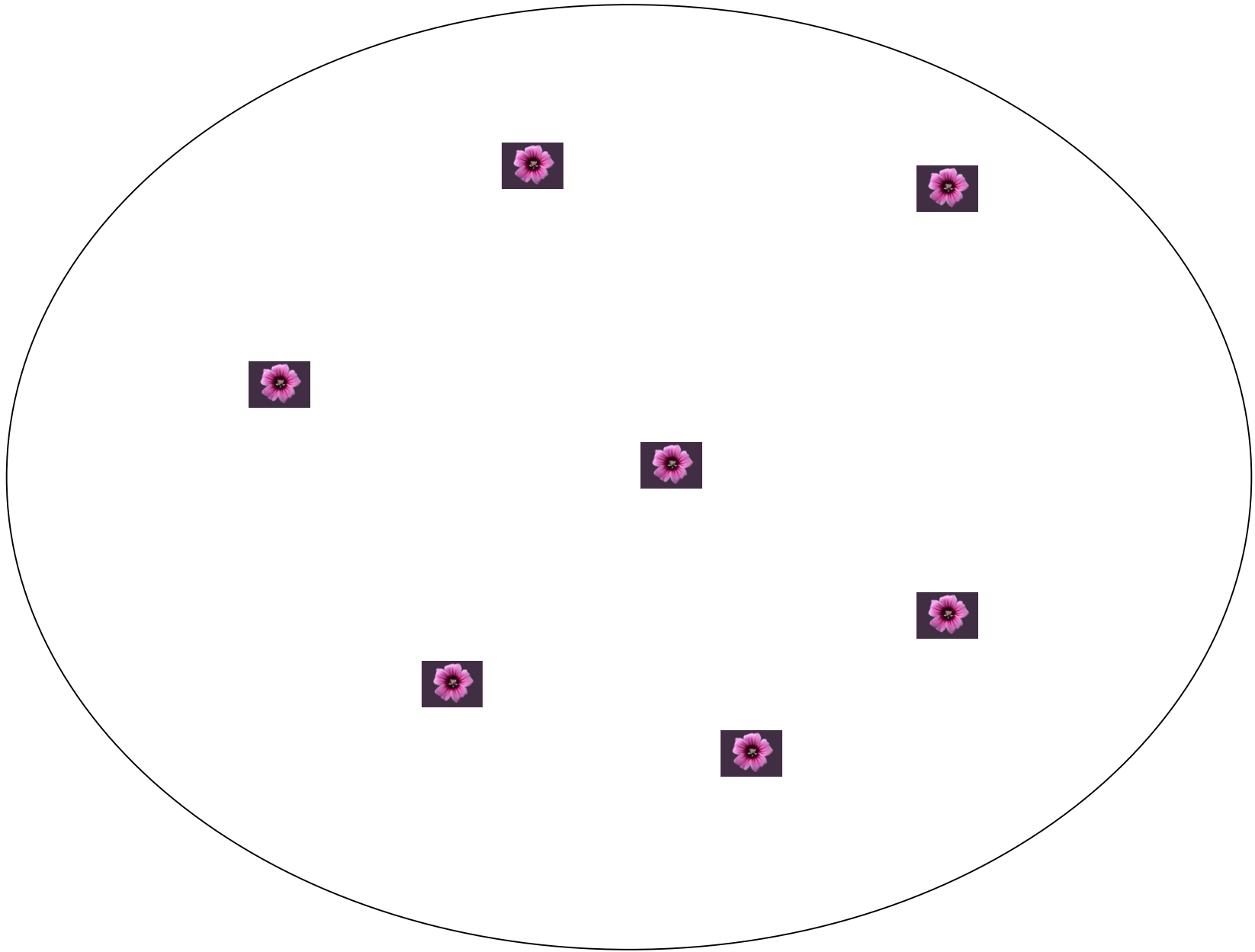
# Question:

What happens when I take my intentions into the “public realm”?



# 1998 - 2001

- West Dorset Food and Land Trust
  - Charity, established 1998
- Local Food Links
  - Trading company, established as subsidiary of Trust in 1999
- Wessex Reinvestment Trust
  - Community Development Financial Institution established 2001 – includes Wessex Community Assets









## Farmers' Markets



## West Dorset Food Week & Bridport Food Festival





# Grow it, Cook it, Eat it Project



## Bridport Centre for Local Food



# Bridport Centre for Local Food





## NVQ Training in Catering



# School Fruit Scheme





## Soup Lunch Pilot





## Soup Lunch Pilot











# Local Food Links' intention or purpose

**“Creating affordable, user-led food services which support health & well-being, stronger communities and a better environment”**

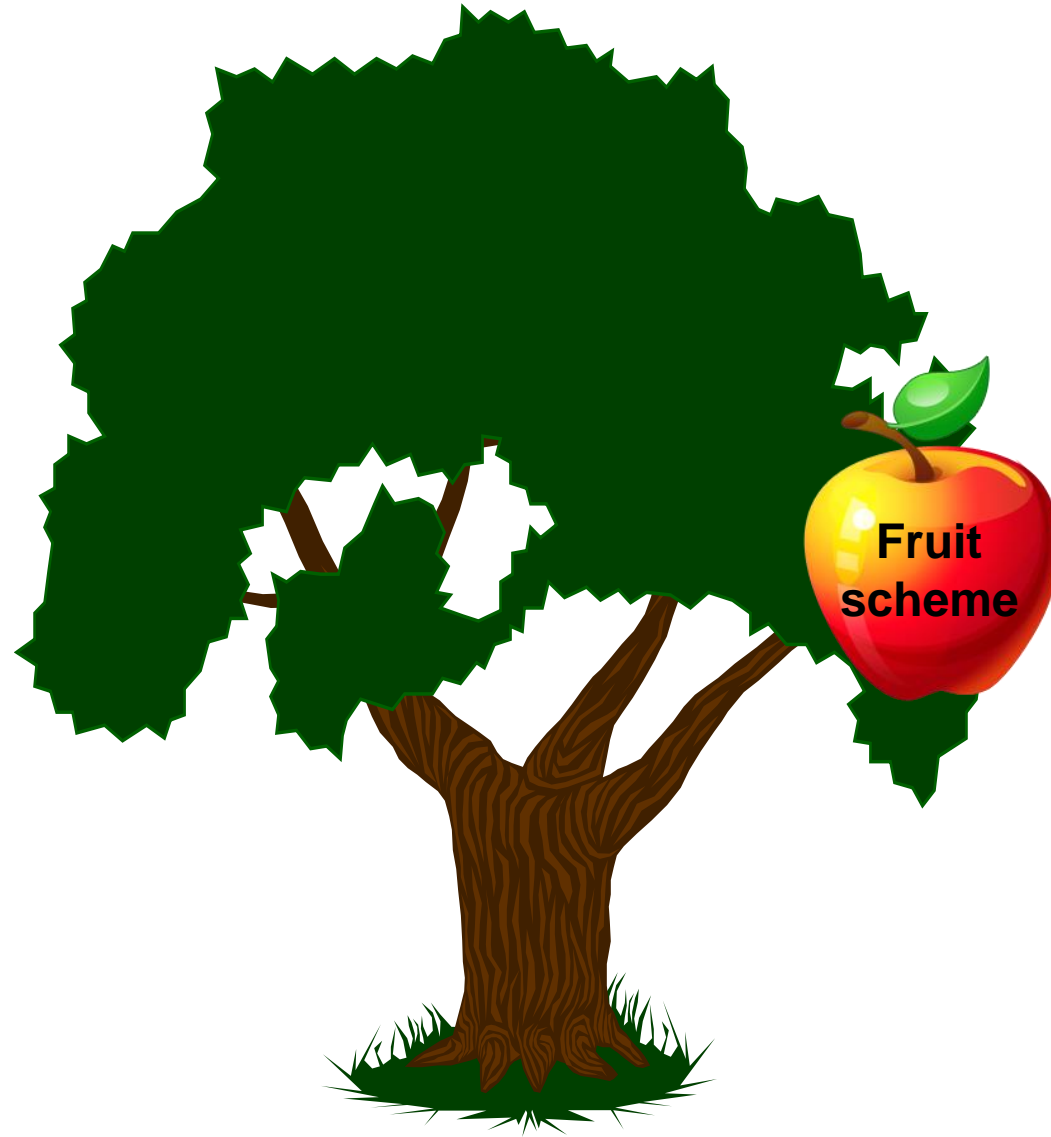
















ed Kingdom

m

ins

**GET DIRECTIONS**

**141 mi, 2 hours 47 mins**

**to London, UK**

ry Ln 95 ft

undry Ln 69 ft

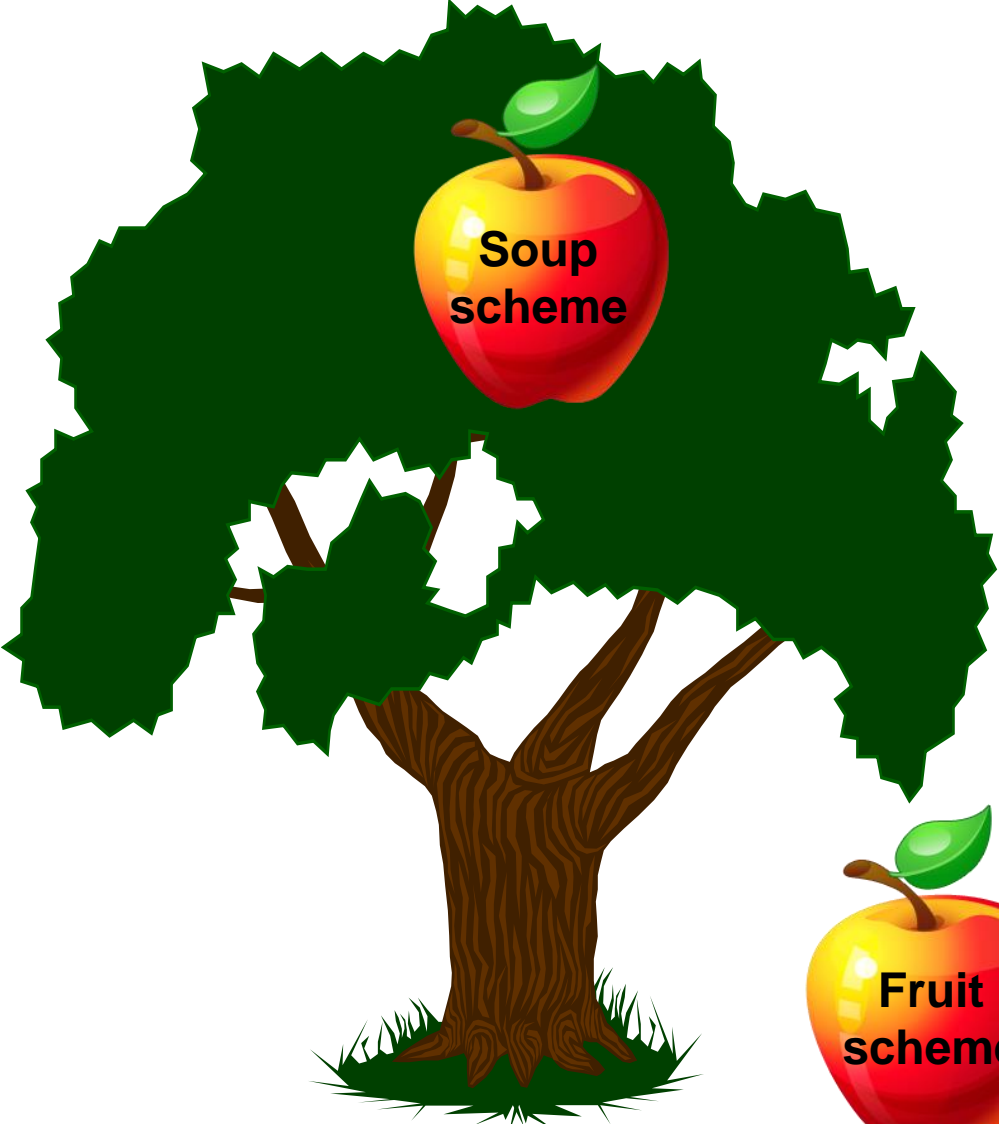
hael's Ln 0.1 mi

Tannery Rd

English Channel Map data ©







places

United Kingdom

United Kingdom

GET DIRECTIONS

212 mi, 3 hours 58 mins

**211 mi, 4 hours 3 mins**

253 mi, 4 hours 30 mins

to Nottingham, UK

ry Ln 95 ft

country Ln 69 ft



## New Central Kitchen at Centre for Local Food



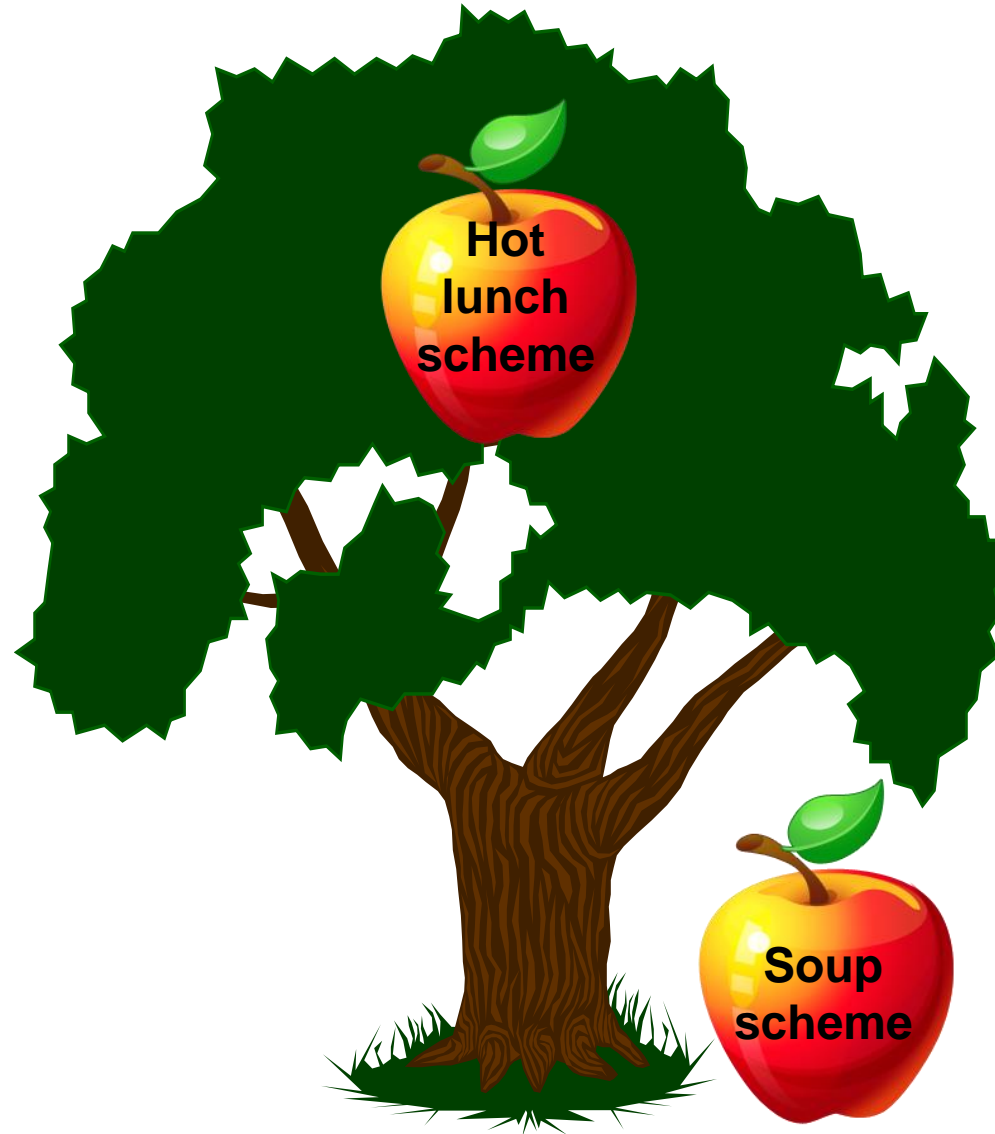
















### Local Food Links: The first 10 years

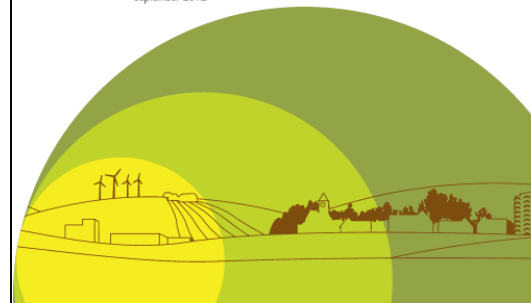
What we have done and what we have learned about adding value to local produce through catering



## Prospects for the Future: Scaling Up the Community Food Sector

Research by Cardiff University for the  
Making Local Food Work Programme

September 2012





# Local Food Links: ethical sourcing

- **Meat** – Genesis Farmers
- **Milk** – Coombe Farm
- **Yogurt** – Yeo Valley
- **Butter** – Denhay Farms & Coombe Farm
- **Cheese** – Denhay & Coombe Farm
- **Flour** – Edward Gallia, Cerne Abbas
- **Eggs** – Vurlands Farm
- **Vegetables in season** – Bothen Hill Organic, Washingpool Farm, Somerset Organic Link
- **Fruit in season** – Elwell Farm
- **Bread** – Leakers, Punch & Judy Bakery
- **Food service** – Essential Trading





## The schools we supply

### **Bridport & Dorchester area**

**Bridport Primary**

**Broadwindsor**

**Burton Bradstock**

**Charmouth**

**Dorchester Middle School**

**Dorchester Opportunity Group**

**Loders**

**Powerstock**

**Prince of Wales**

**Salwayash**

**St Catherines**

**Stickland's**

**St Mary's Beaminster**

**Radipole**

**St Michael's Lyme**

**Symondsbury**

**Thorners**

### **Blandford area**

**Archbishop Wake**

**Blandford St Mary**

**Downlands**

**Dunbury Church of England**

**Academy**

**Durweston**

**Hazelbury Bryan**

**Milldown**

**Pimperne**

**Spetisbury**

**St Andrew's**

**Shillingstone**

**Stalbridge Primary**

**St Nicholas Child Okeford**

**Stower Provost**

**William Barnes**

Please share your idea for an  
eco-social enterprise



# Tomorrow's session

Using systems thinking to plan an  
eco-social enterprise