

This document summarises "work in progress". We welcome your comments and questions. Please see end page.



# The Energy Strategy

# A Green Living Plan for Thame

September 2020



### The Vision for the Energy Strategy

We will create a smart and sustainable
energy supply infrastructure for and with
the residents and businesses of
Thame and surrounding areas, by utilising
the latest developments in
renewable energy generation,
its usage and all associated technologies.



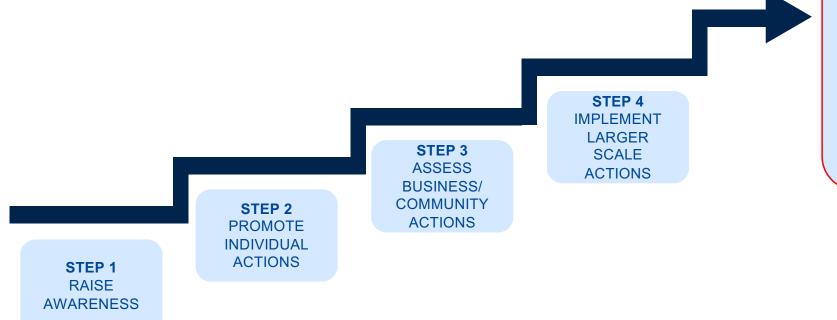
### The Energy Strategy...

- 1. Encourages the best use of energy in Thame's homes and businesses, including energy efficiency and energy management
- 2. Improves Thame's sustainability in its use of energy, including decarbonisation and cleaner transport
- 3. Looking ahead, obtain better value through interacting with the wider energy system
- 4. Promotes initiatives that make visible to residents, businesses and visitors that Thame is forward-thinking in sustainable energy
- 5. Contributes to the energy aspects of the renewed Neighbourhood Plan for Thame

- Raise awareness of how to use energy wisely and provide assistance to vulnerable groups
- Align with government initiatives for Net Zero emissions including cleaner energy, greener heating, and electric vehicles
- For example returns can be earned by providing 'flexibility' of electricity demand, generation and storage
- Include some bold initiatives, sharing of successes, encouraging engagement, consider crowd funding
- Energy is a new requirement for inclusion in Neighbourhood Plans



# Thame Green Living **Delivering the Energy Strategy**



## THE STEPS AIM TO ACHIEVE THESE GOALS:

- 1. Improved Energy
  Efficiency and
  Energy Management
- 2. Decarbonisation
- 3. Cleaner transport
- 4. Energy Flexibility benefits and interaction with the wider energy supply system
- 5. Support Thame's Neighbourhood Plan



### Thame Green Living

### **Delivering the Energy Strategy**

What energy do Luse?

Where does it come from?

How green is it?

What choices do I have?

STEP 1 **RAISE AWARENESS**  What can we do as individuals. as a families?

Can we use less energy, use it better, can it be areener?

How can we tackle energy hardship?

> STEP 2 **PROMOTE INDIVIDUAL ACTIONS**

What are the opportunities for local shops, industries, and organisations?

What can we do by working together as a community?

> STEP 3 **ASSESS BUSINESS/ COMMUNITY ACTIONS**

What are the funding options?

Does it add up financially?

How to find trusted partners, specialists and suppliers?

> STEP 4 **IMPLEMENT** LARGER SCALE **ACTIONS**

#### THE STEPS AIM TO **ACHIEVE THESE GOALS:**

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#### Thame Green Living

### **Enablers for delivering the Energy Strategy**

- ✓ Share information
- ✓ Use social media. websites & leaflets
- ✓ Events & discussions. provide briefings
- ✓ Work with partners e.g TTC, Citizens Advice, vol groups, developers, schools, academia

- ✓ See the benefits. share learning points
- ✓ Effective consultation
- ✓ Develop metrics that we can influence
- ✓ Understand awards. grants & crowd funding

STEP 2

**PROMOTE INDIVIDUAL ACTIONS** 

- ✓ Learn from others in Thame and beyond
- ✓ Obtain expert advice. be professional
- ✓ Link with government programmes

STEP 3 **ASSESS BUSINESS/ COMMUNITY ACTIONS** 

- ✓ Energy is changing: look to the future

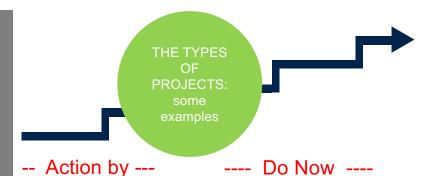
STEP 4 **IMPLEMENT** LARGER SCALE **ACTIONS** 

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STEP 1 RAISE **AWARENESS** 





---- Do Soon ----

---- Look Ahead ----

#### **INDIVIDUALS**

Personally & as Families

Change energy supplier for a better deal & get a Smart Meter

Improve home energy efficiency & use smart controls

Get better deals by using EV 'smart charging' controls

Be rewarded for your EV providing 'Vehicle to Grid' (V2G) services

Peer to Peer trading of energy within the local community

Consider use of Air Source Heat Pumps to replace gas boilers

#### **COMMUNITY**

Large & Small Groups, including local Businesses Businesses can benefit from many of the opportunities shown above for individuals and there are grants for energy efficiency surveys Get better deals by means of 'whole street' PV installations and consider adding home batteries to capture solar energy if you're out during the day

Get better deals by coordinating flexibility services

Crowd funding for larger PV installations with returns shared by investors and the community

Hydrogen for home heating

Join a Community Heat Network

#### **INFRASTRUCTURE**

Involving TTC, SODC, OCC or other parties

Provide electric vehicle (EV) public charging points in Thame

Charging solutions for EV owners who don't have off-road parking

Link with government initiatives

– be part of the fundamental
changes ahead for clean energy

Hydrogen for buses and for heavy transport

Off-grid capabilities for supply resilience

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### Thame Green Living

To put the Energy Strategy in context and for further information...

The GLP headline objectives

- 1. To protect and improve the environment of Thame for the long-term health and vitality of the town and its community.
- 2. To ensure as Thame grows and develops, it remains a green, pleasant and healthy place to live and work.
- 3. To raise awareness, encourage actions at individual & community levels, and support the Neighbourhood Plan, which Thame is required to produce.

The GLP Focus Areas are



Spaces & routes



Water & drainage



Air & environment



Energy & efficiency



Waste & reuse

The Energy Strategy

The **Energy Strategy** primarily supports these two Focus Areas





# Comments will be very welcome

Can you assist Thame Green Living?

Please use the Get in Touch box on our webpage at https://www.thamegreenliving.org.uk/#about-us

# A Green Living Plan for Thame: The Energy Strategy