



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.



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The Energy Strategy Goals

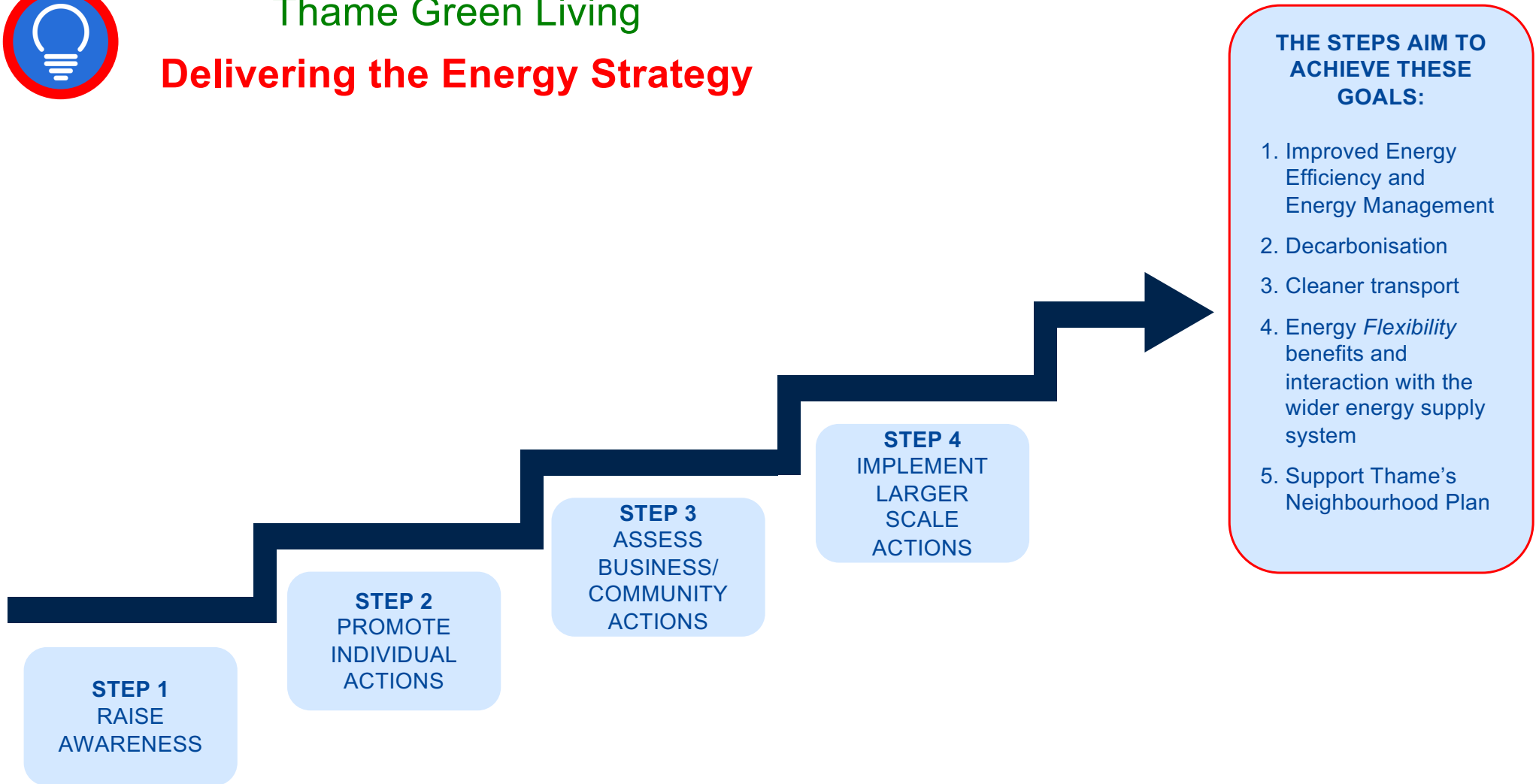
The Energy Strategy...

- 1. Encourages the best use of energy in Thame's homes and businesses, including energy efficiency and energy management**
 - Raise awareness of how to use energy wisely and provide assistance to vulnerable groups*
- 2. Improves Thame's sustainability in its use of energy, including decarbonisation and cleaner transport**
 - Align with government initiatives for Net Zero emissions including cleaner energy, greener heating, and electric vehicles*
- 3. Looking ahead, obtain better value through interacting with the wider energy system**
 - For example returns can be earned by providing 'flexibility' of electricity demand, generation and storage*
- 4. Promotes initiatives that make visible to residents, businesses and visitors that Thame is forward-thinking in sustainable energy**
 - Include some bold initiatives, sharing of successes, encouraging engagement, consider crowd funding*
- 5. Contributes to the energy aspects of the renewed Neighbourhood Plan for Thame**
 - Energy is a new requirement for inclusion in Neighbourhood Plans*



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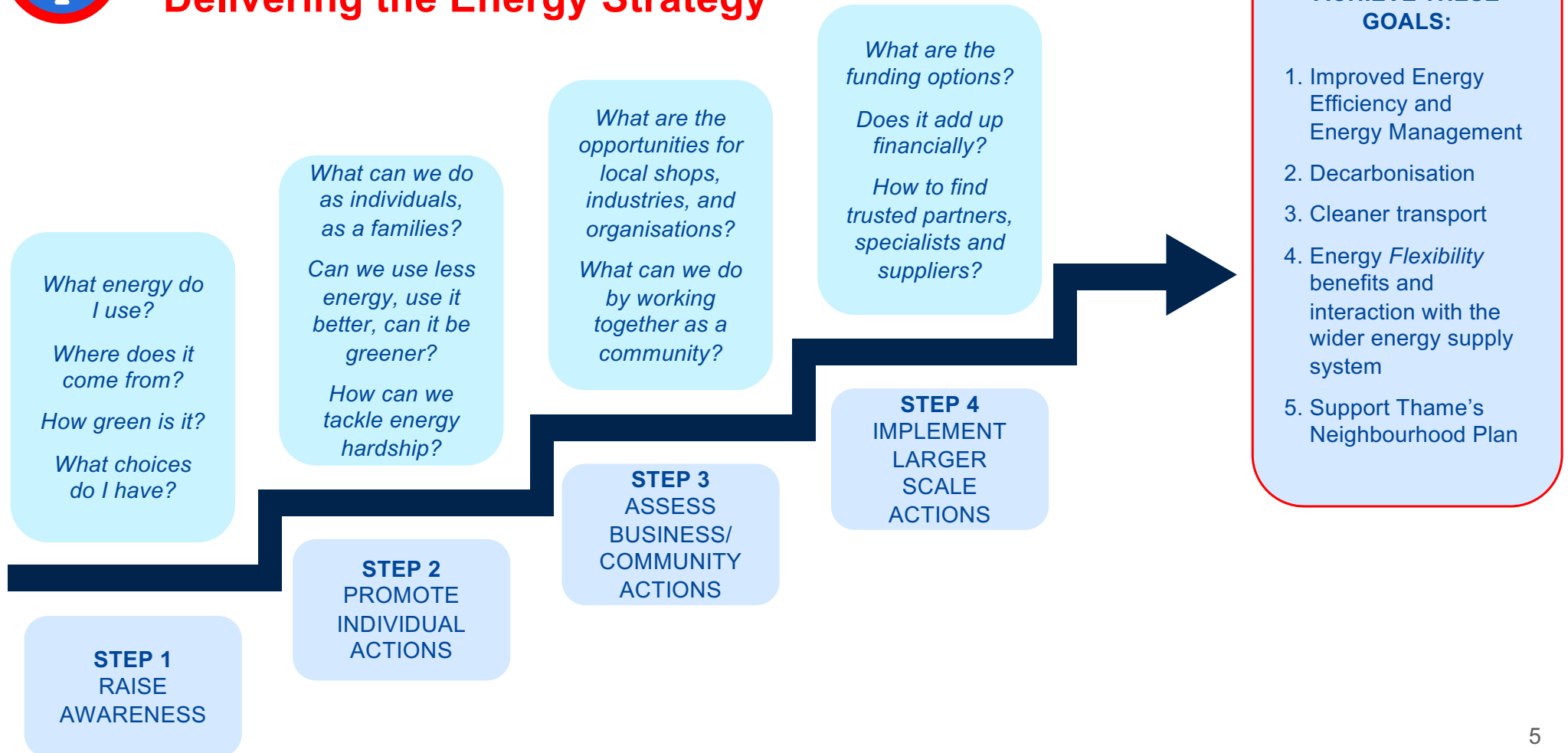
Delivering the Energy Strategy





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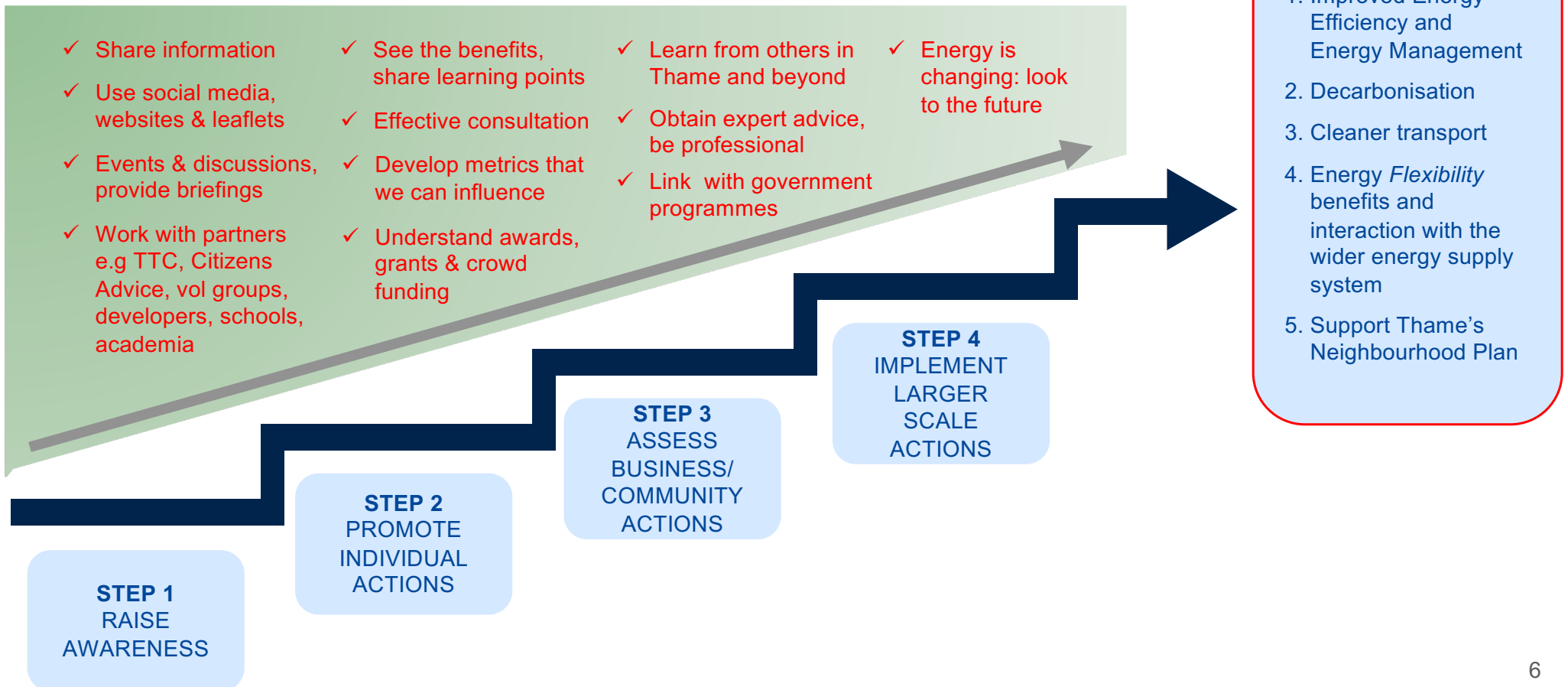
Delivering the Energy Strategy

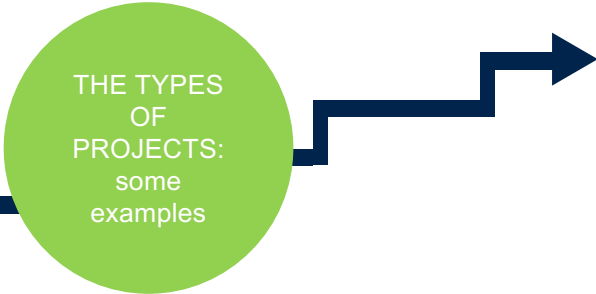




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Enablers for delivering the Energy Strategy





-- Action by --- ----- Do Now ----- ----- 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



FINALLY

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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**