



HENLEY-ON-THAMES
TOWN COUNCIL

Town Hall
Market Place
Henley-on-Thames
Oxfordshire
RG9 2AQ

Tel 01491 576982

enquiries@henleytowncouncil.gov.uk
www.henleytowncouncil.gov.uk

**NOTICE IS HEREBY GIVEN THAT A MEETING OF
THE
CLIMATE EMERGENCY WORKING GROUP
WILL BE HELD ON
WEDNESDAY 28 AUGUST 2019 AT 6.30PM
IN THE COUNCIL CHAMBER,
TOWN HALL
HENLEY ON THAMES**

WHEN THE FOLLOWING BUSINESS WILL BE TRANSACTED

AGENDA

1. APOLOGIES FOR ABSENCE

2. DECLARATIONS OF INTEREST

3. PUBLIC PARTICIPATION

TO RECEIVE questions or statements from members of the Public.

The following rules shall apply:

- You may ask questions or make a statement on any item included on the agenda. The session, which is also open to Councillors who may have a personal and pecuniary interest on any item included on the agenda, will last for a period of up to 10 minutes (but capable of being extended at the Chairman's discretion).

4. MINUTES

TO APPROVE the Minutes of the Meeting of the Climate Change Working Group held on 23 July 2019.

5. FUNDING OPTIONS

TO RECEIVE an update on research into grant options for the funding of project appraisals. (RCW)

6. GOOD PRACTICE RESEARCH

TO RECEIVE a verbal report on research into identifying good practice in other groups such as Reading Borough Council. (DF to report the collated findings.)

7. MEETINGS RE RETROFIT, WATER SOURCE HEAT PUMPS AND WIND TURBINES

TO RECEIVE updates from meetings which have been held on:

- i. retrofitting and the replacing of gas heating in the scope of reducing CO2 for example with ground or air source heat pumps
 - ii. water source heat pumps (Greenlands),
 - iii. wind turbines (Madjeski).
- (DC, DF, RL, TH to report back.)

8. COMMUNITY ENGAGEMENT

TO RECEIVE an update on community engagement as per CEWG Minute 5.3. (SB)

9. UNIVERSITY RESEARCH PROJECTS

TO RECEIVE an update from a meeting held on 23 July 2019 with Reading University on the following topics to be submitted to Reading University and other institutions as potential research projects, results of which to be presented to this Working Group upon completion: (PF, RCW, DF to report back from the meeting.)

- i) Community Energy Financing including approach and expertise – (TH)
- ii) Council owned property and the potential for renewable energy generation and energy audits – (KH, IR, DF)
- iii) Retrofitting existing buildings including Housing Association property – (DC, TH)
- iv) Wind, Solar and Hydroelectric power – (PF, RL)
- v) Charging Point Scheme for Electric Vehicles – (SG)
- vi) Divestment – (KH, IR)
- vii) Land use – (PF)
- viii) Approach to communication with neighbouring parishes – (JW)

10. SODC CLIMATE EMERGENCY MEETING

TO RECEIVE a summary of the SODC Climate Emergency meeting.

11. ROUTE MAP AND FINANCING OPTIONS

TO RECEIVE and **NOTE** the PPT and spreadsheet from The Chair. (Documents Attached)

12. WORKING GROUP RESOURCE REQUEST

TO CONSIDER and **DISCUSS** the request that Henley Town Council to provide Officer time as a resource to the Working Group in the near future and **CONSIDER** to which level overall Henley Town Council wish to be involved with offering time and finances. (Documents previously circulated on 18.08.19)

13. NEXT MEETING

TO AGREE a date for the next meeting of the Climate Emergency Working Group

Agenda Item 4

Present: Tony Hoskins (Chair)
Mayor, Councillor Ken Arlett
Councillor Ian Reissmann
Dick Fletcher
Suzy Bannon
Rebecca Chandler-Wilde
Patrick Fleming

In attendance: 1 Member of the press

1. APOLOGIES

Apologies for absence were received from Councillor Kellie Hinton, Councillor Donna Crook, Jackie Walker, Ruth Lindup. It was noted that as only 2 councillors were present the meeting was not quorate. It was agreed to continue, but only to make recommendations. The Committee welcomed newly co-opted member Dick Fletcher.

2. DECLARATIONS OF INTEREST

None received.

3. PUBLIC PARTICIPATION

No members of the public were present.

4. MINUTES

The minutes of the meeting held on 8 July 2019 were approved.

5. POTENTIAL PROJECTS LIST

Consideration of a target was discussed. It was felt it was important to have a target/deadline, such as Carbon Neutrality by 2030 which is in common with many other similar groups. Progress towards this target should be measured. It was not clear how current and future Carbon Emissions by Henley could be measured except by pro rata reference to the BEIS annual database of CO2 emissions which is at district level. The geographic area covered should remain under review given some [potential] projects lie outside the Town's boundaries.

It was agreed to research and identify good practice in other groups (e.g. Reading BC). All to do this and submit any findings to Dick Fletcher to collate.

Funding was discussed, and identification of sources of grants etc was felt to be useful, **Rebecca Chandler-Wilde to report back on funding options.**

The list of projects was considered, noting the attached papers and earlier projects carried out by students at Reading University. **A meeting on Tuesday 23rd July at Reading University to consider possible future dissertations was to be attended by Patrick Fleming, Rebecca Chandler-Wilde and Dick Fletcher who will report back.**

1. *Retrofit*. This had been the subject of an RBC paper in 2009. This was felt to be of good quality. Replacement of gas heating was felt to be a possible significant scope in reducing CO2 (e.g. using ground source or air source heating). **Donna Crook, Dick Fletcher, Ruth Lindup and Tony Hoskins to meet, review and report back.**

2. *Community Energy.*

Papers considered, Wind, Land Use and Other. **Patrick Fleming agreed to submit more detail on the figures for offsetting using planting of forests.**

All these papers were felt to be useful, but too detailed for submission back to the HTC Plans committee. **It was agreed to try and summarise into two pages in time for the agenda of the HTC Plans Committee on 6 Aug.**

3. *Public Consultations*

It was felt that public consultations were important in order to spread the load and identify more community champions, but also maintain the increasing profile on the issue of climate change. It was not clear how early this should take place. **Suzy Marshall Bannon is to recommend possible approaches, to be reviewed at subsequent meetings.**

4. *HTC Commitment.*

The question of the extent to which HTC would commit resources to the group was raised. It was noted that the CEWG has no budget (other than £500 for some consultation) and no officer time assigned. It was agreed to request that consideration is given by HTC to identifying Officer Time and Finances. This will need to be considered by the New Town Clerk once he starts in September and is instructed regarding his priorities and scope to assign officer time to the recommendation emerging from the CEWG.

6. **CHANGE OF NAME**

It was agreed after suggestions were made to remove the word “emergency” from the WG name, to retain this as it in widespread use now and to

RECOMMEND that the name be changed to: “Climate Emergency 2030 Working Group” to be approved by the Planning Committee.

7. **NEXT MEETING**

28 Aug 2019 6:30.

The meeting closed at 7.30 pm.

Tony Hoskins
Chairman

ir

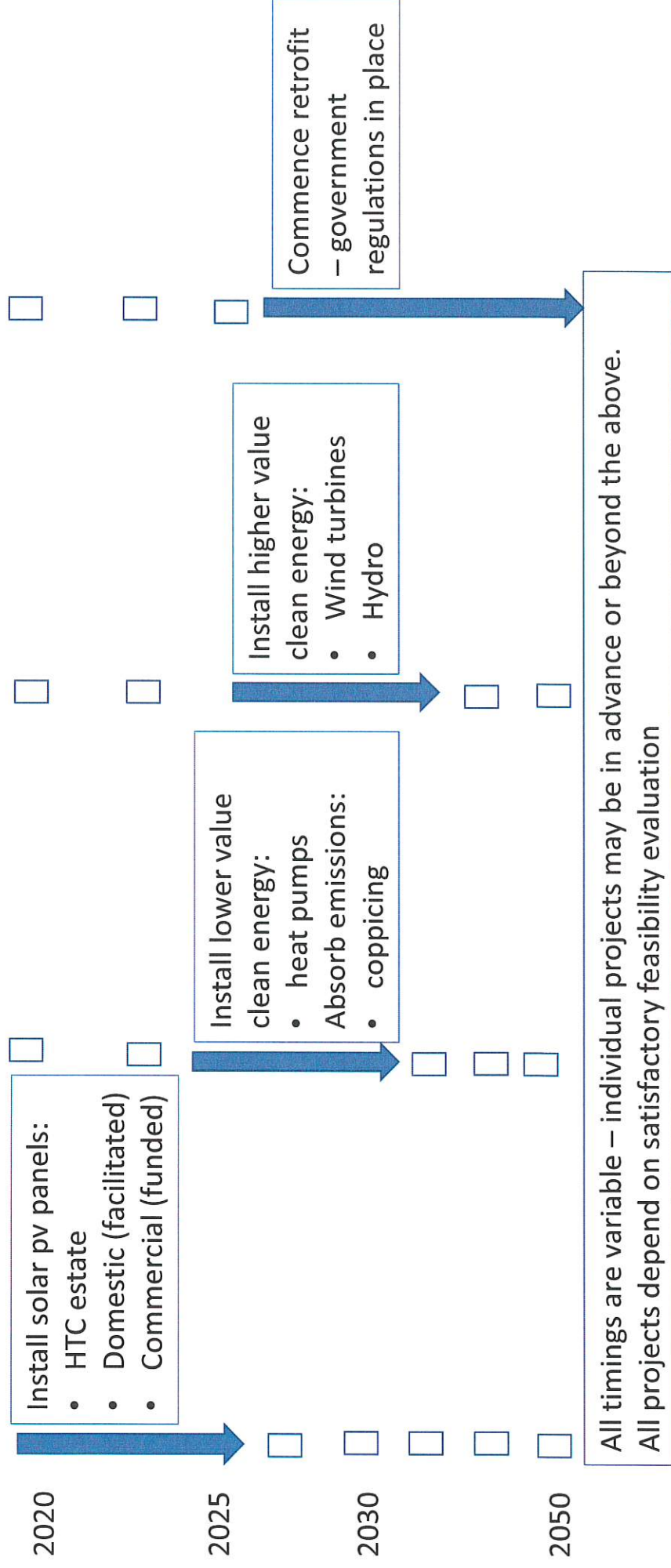
Zero carbon for Henley

Route map to success

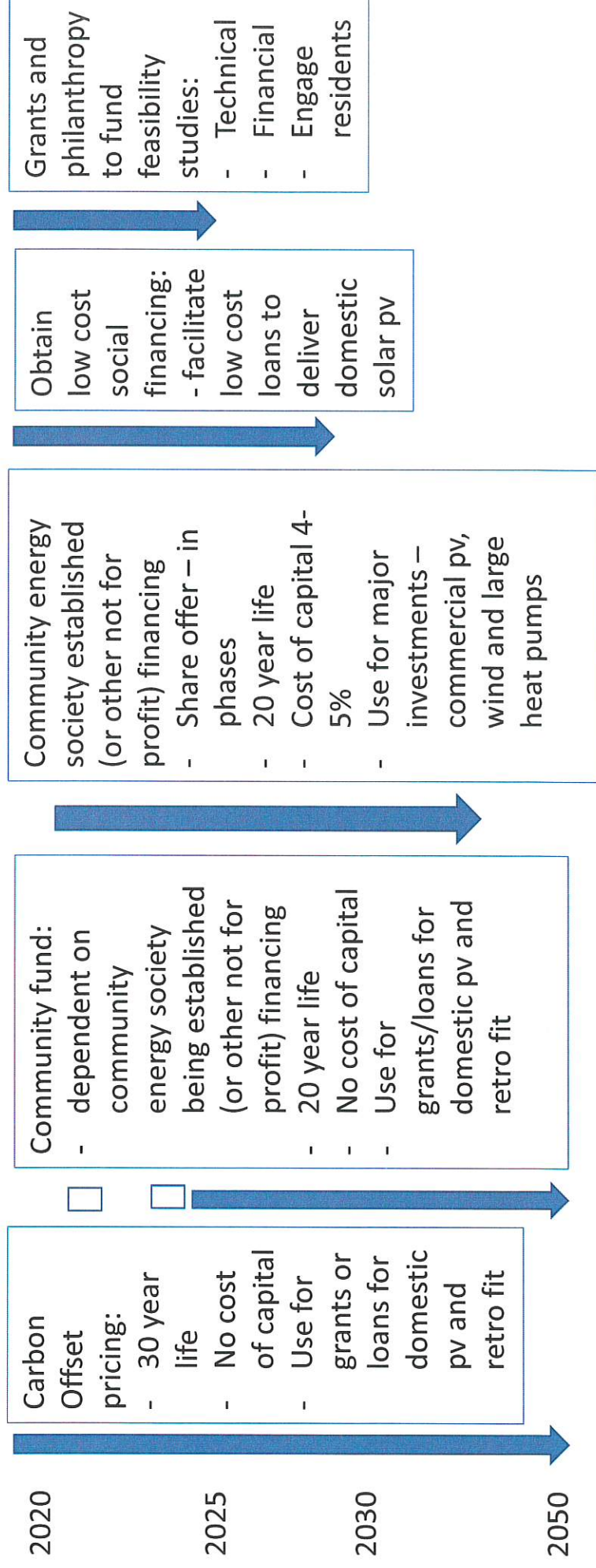
First pick the low hanging fruit!

Draft – projects and financing

Projects



Financing and grant making



Funding and generation estimates

Henley's carbon footprint 2017 - tonnes CO2e	59300	
Electricity conversion factors - 2017 kgs of CO2e per kWh	Scope 2	0.35156
	Scope 3	0.03287
	Scopes 2 & 3 combined	0.35156

Project	kWp or other	Annual kWh generation	Tonnes CO2e	% of Henley's carbon footprint	Capital and installation cost	Notes on sources - verification required
Wind turbine	2 mWp	2,800,000	984.37	1.7%	2,300,000	Original price of installation in 2005 (not clear if land purchase cost included), annual average generation since installation
Solar farm	16mWp???		-	0.0%		Land required is 3.5 acres per MWp. Reading solar farm is 10 acres, generating 1.6 megawatts - 6,552 solar panels
Solar PV - domestic	2.53 kWp	8,723,440	3,066.81	5.2%	9,300,000	Assume 7,000 homes in Henley - probably 4,000 buildings (perhaps reduce by half) - 9 panels each - installed cost of £919 per kWp. kWh per kWp = 862 (from RCES)
Solar PV - commercial						
Retro fit including air sourced heat pumps		1,240,000	435.93	0.7%	35,000,000	RBC estimates £35k per house (question this - perhaps review with NSBRC) . Assume 25% of Henley's buildings are sub C EPC Ofgem (2017) figures assuming a home uses 3,100 kWh/yr. Assume 40% improvement with retrofit ??
Water sourced heat pumps						
Ground sourced heat pumps						
Land use - coppicing						
				7.6%	46,600,000	