



Saving the planet Addingham style

Rick Battarbee

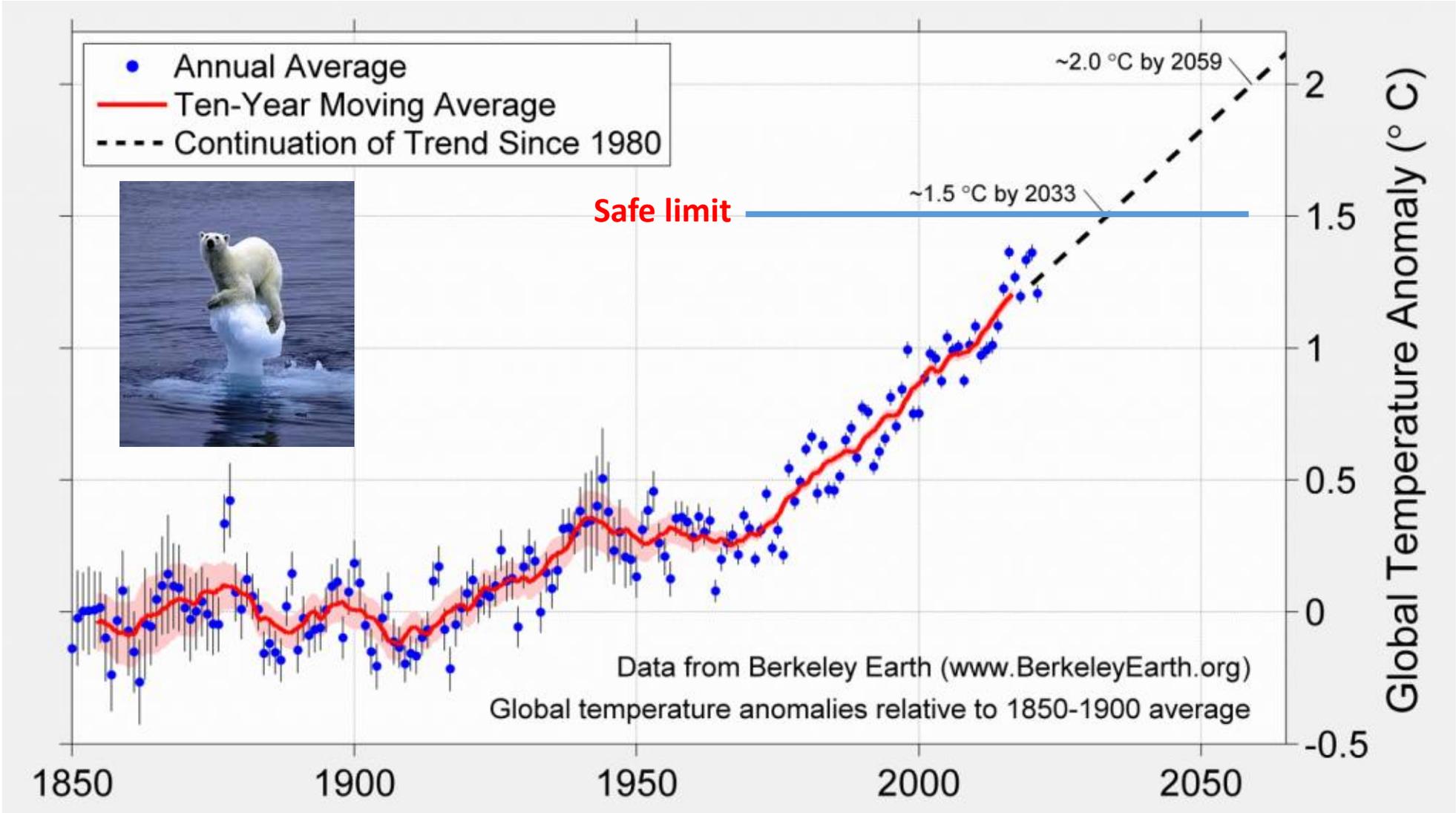
Addingham Environment Group
and University College London

Friends of the Dales, Saturday, July 1st, 2023

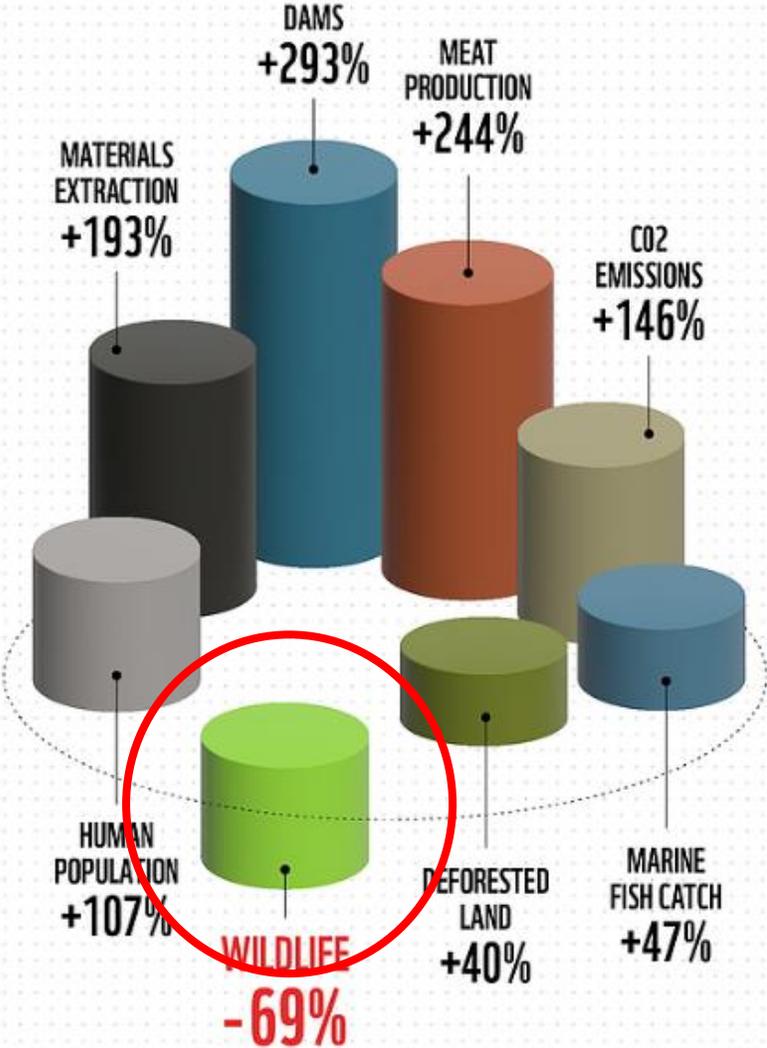
Our ever increasing demands on the natural resources of the planet are causing two existential crises:

**Global warming, and
Global ecological destruction**

Global temperatures are predicted to reach the “safe limit” of +1.5 °C by 2033



Biodiversity Loss: the Living Planet Index (1970 – 2018)



69%

The average change in relative abundance of 31,821 populations, representing 5,230 vertebrate species monitored across the globe

Source: WWF/ZSL (2022) 184.

These are global issues

But they are also expressed locally,
including here in the Dales

We have more frequent and more intense rainfall events



Declining



Lost



Bristol Zoo Gardens

Declining?



Declining



Declining



Declining



What are we doing in
Addingham?

Addingham Environment Group

Set up by the Civic Society in May 2016

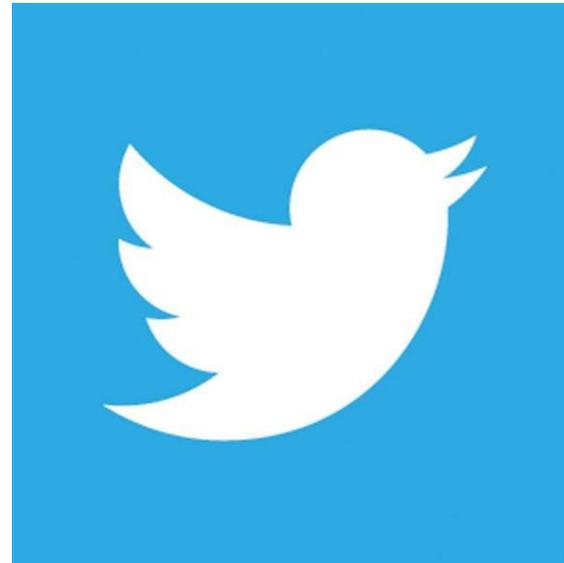
Our aim:

to **raise awareness** about the challenges we face and help our local village community **look after our natural environment** and work towards a **sustainable lifestyle**

A website: <http://addinghamenvironmentgroup.org.uk/>

After seven years we have over
300 members and 100 active volunteers
from a population of 3,500

A logo



A Twitter account with
250 followers

A Facebook page with
950 followers



Civic Society Newsletter to
400 members monthly



Civic Society News
October 2022

Member of
CIVIC VOICE

Next Members' Meeting
Thursday 13th of October
in the Memorial Hall 7.30pm

This month our Speaker is
Pam Pierce
'My Ilkley Eco House'



Village Newsletter delivered to
every house twice a year

ADDINGHAM - Village News
Your Parish Council and Civic Society working together

www.addingham-pc.gov.uk
www.addinghamcivicsociety.org.uk **AUTUMN 2022**

All the village news in Addingham!
What's On, Who's doing it and How to find out more!
Your Parish Council and Civic Society working together

Here we are with another bumper edition of our newsletter, a joint production by the Parish Council and the Civic Society, hand-delivered by volunteers to every house, pub, club and business in the village at least twice a year.

This Spring the Parish Council together with Bradford Council has funded the replacement of the broken drainage system underneath the Silsden Road amenity field. This may seem inconsequential to some, but the surface water has been finding it's way for many years onto the road allotments and had caused damage to the children's play area. We are now pressing Bradford for repair to the play area.

Numerous volunteers have been busy during the warm, dry weather undertaking conservation, heritage, sporting, gardening and maintenance tasks around the village. Parish Councillors regularly give up their time to improve village surroundings: repairing fencing, pruning trees, weeding and mowing, to name a few. Thank you to all who contribute to village life in this way.

This Summer has seen the installation of two new benches

in the park. This was in response to requests from a number of residents who were finding the walk from the village centre up though the park a long hard slog, with nowhere to rest.

The benches are set along the path, close to the MUGA and at the top in the Pavilion car park. The Parish Council has ordered two further benches for Bark Lane, to



replace the existing worn ones. If you are very observant, you will notice that the new benches are not wooden, but instead made from durable recycled plastic. This material is long lasting and has very low maintenance costs associated with it. Please tell us what you think as we will be reviewing the condition of all village benches and purchasing replacements over the next few years.

Bradford Council is now well underway with the installation of three EVC points in the Bolton Road car park. Residents and visitors can charge their vehicles here, but should be careful when parking, not to overstay the maximum duration

as we are seeing an increased presence of traffic wardens on patrol and ticketing.

The newsletter is part-funded by advertising. If you are a business or offer a service to Addingham residents, you can find out more about our (very modest) advertising costs by contacting Jayne Hood, jaynehood@gmail.com

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And more!

Contact us if you'd like to contribute an article for our next edition. Volunteers to join the team distributing copies to all households always welcome!
clerk@addingham-pc.gov.uk

How to contact us:
Parish Council:
clerk@addingham-pc.gov.uk
Civic Society: chairman@addinghamcivicsociety.co.uk

Addingham Parish Council works hard to ensure that the residents, businesses and visitors enjoy this beautiful village, and are always open to new suggestions and ideas

We reach out to all residents delivering leaflets to every house



ADDINGHAM ENVIRONMENT GROUP

CONTACT US!

We want to help you Save energy, save money, and keep warm!

There has never been a better time to start using energy more efficiently in our homes

TACKLING CLIMATE CHANGE AND BIODIVERSITY LOSS IN ADDINGHAM

WORKING TOGETHER TO PROTECT OUR NATURAL ENVIRONMENT FOR THE WELL-BEING OF PEOPLE AND NATURE IN ADDINGHAM



With funds from a Bradford Council grant we now have a thermal imaging camera, a home energy efficiency kit box and a number of home energy monitors. These are all for the use of Addingham residents. **Contact us if you would like:**

- A visit from one of our members trained in the use of the thermal imaging camera to identify areas (outdoors or indoors) that might benefit further investigation;
- To borrow our home energy efficiency kit box containing a range of small devices and different types of draught excluder; or
- To borrow a home energy monitor to measure the energy ~ used by an individual appliance

For more information see:

<https://addinghamenvironmentgroup.org.uk/home-energy-efficiency/>

We're here to help! Contact us on: aeg@addingham.info

phone: 01943 839792 **or drop this card into:** 9 Main St., Addingham

Name:

Email:

Phone:

Climate Action Addingham
Addingham Parish Council, Addingham Civic Society and
Addingham Environment Group working together

Addingham
Parish Council
A Community Together



www.addinghamenvironmentgroup.org.uk

“Annual” update to the Civic Society membership

“How green is our village?”

Next Members' Meeting
Thursday 23rd February
In the Memorial Hall 7.30pm

Non-Members welcome £3 admission

This month is presented by
Our Environment Group
How Green is Our Village?
Part 5: Making space for nature



- Our carbon footprint (April 2019)
- War on waste (Feb 2020)
- Sustainable water and the importance of ponds (Dec 2021)
- **Making space for nature (Feb 2023)**

Annual Environment Weekend



Environment weekend 2022



Working with young people in the village



Working with the Primary School (year 3 here)





Our Saplings





Our Saturday morning volunteers

Our approach is inspired by
The “one planet living” concept

One Planet Living <https://www.bioregional.com/one-planet-living>



*“What if everyone, everywhere lived happy, healthy lives **within the limits of our one planet,** leaving space for wildlife and wilderness?”*

We call this One Planet Living”

We have four working groups

- Zero carbon Addingham
- Zero waste Addingham
- Wildlife friendly Addingham
- Sustainable water Addingham



Zero carbon Addingham

- Lead: John Sykes
- Core group of about 10
- Meets every 6 weeks
- Village **carbon footprint** (WWF website)
- Renewable energy (**solar panels**)
- **Electric vehicles** (advice, public charging points)
- **Energy efficiency** (home and public buildings)
- **Tree planting** (working with landowners)



Calculating our village carbon footprint using the WWF carbon calculator



HOW BIG IS YOUR ENVIRONMENTAL FOOTPRINT?

The planet is in crisis - from climate change to the pollution in our oceans and devastation of our forests. It's up to all of us to fix it. Take your first step with our environmental footprint calculator.

[COMPLETE YOUR QUESTIONNAIRE](#)

[Restart questionnaire](#)

- 14.1
- 11.1
- 6.7
- 6.7
- 8.7
- 9.1
- 8.5
- 13.2
- 15.4
- 16.8
- 10.1
- 7.4
- 12.5
- 9.6
- 11.5
- 9.6
- 10.2
- 17.4
- 11.2
- 9.8
- 12.2
- 9.2
- 10.3
- 11.8
- 10

Village average **11.8** tonnes (n=40) in 2019

Needed to be **10.5** in 2021

<https://footprint.wwf.org.uk/#/>



Helping homeowners with energy efficiency

We survey village homes for heat loss with a thermal imaging camera



We also have a kit box of equipment available for residents to borrow to assess their own homes for energy loss

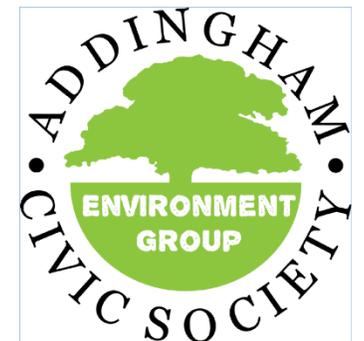




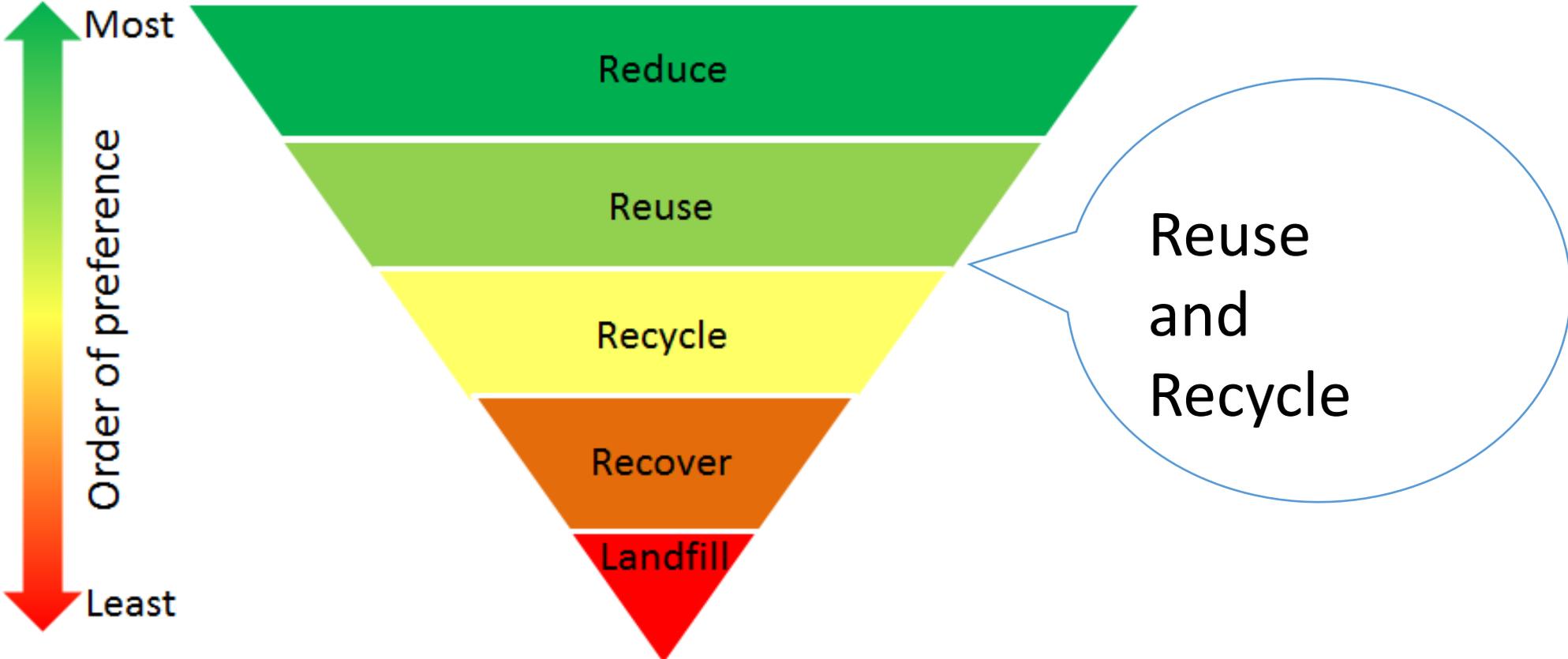
Encouraging the installation
of solar panels

Zero waste

- Lead: vacant
- Core group of about 8
- Six litter wardens (green spaces and footpaths)
- Meets every 6 weeks
- **Household waste recycling**
- **Food waste project**
- **Reducing plastic**



Follow the "Waste hierarchy"



We organise an annual Village jumble trail – re-using household items



ADDINGHAM
JUMBLE TRAIL

ADDINGHAM ENVIRONMENT GROUP SOCIETY

SUNDAY 12TH SEPTEMBER
RECYCLE / REUSE / RESELL
10am - 2pm

USE THE QR CODE TO BOOK OR GO:
addinghamenvironmentgroup.org.uk/jumble-trail/
or email: aeg@addingham.info

The charge of £5 is to raise money for the Environment Group and it will put your house on the Jumble Trail map of the village

Recycle

The village recycles **31%** of its household waste and deposits 69% in the residual waste bin

We want to improve!

Our **TARGET** is 50%



The poster features a central image of a grey recycling bin filled with various items. Surrounding the bin are several circular callouts showing examples of acceptable items: cardboard boxes, plastic bottles, glass bottles, newspapers, magazines, food and drink cartons, and yoghurt pots. A red oval with a white 'X' and the text 'NO PLASTIC BAGS' is positioned above the bin. At the bottom, a white box contains a list of items categorized as acceptable (with green checkmarks) or not acceptable (with red X marks) for the grey bin.

What can I put in my recycling bin?

NO PLASTIC BAGS

Only put recycling in your grey bin

✓ Catalogues	✓ Glass bottles	✗ Plastic bags	✗ Plastic toys
✓ Junk mail	✓ Glass jars	✗ Cellophane/wrap	✗ Electrical items
✓ Cardboard	✓ Plastic bottles	✗ Wallpaper	✗ Textiles/clothes
✓ Newspaper	✓ Plastic food trays	✗ Light bulbs	✗ Garden waste
✓ Magazines	✓ Margarine and butter tubs	✗ Mirrors	✗ Plant pots
✓ Office paper	✓ Yoghurt pots	✗ Sheets of glass	✗ Food wrappers
✓ Envelopes	✓ Food and drinks cartons	✗ Paint or oil cans	✗ Carpets/rugs
✓ Aerosol cans	✓ Food cans	✗ Pyrex	✗ Nappies/pads
✓ Aluminium foil	✓ Drinks cans	✗ Polystyrene	✗ Takeaway cups

recycle for Bradford www.bradford.gov.uk/recycling **City of BRADFORD METROPOLITAN DISTRICT COUNCIL**

We are promoting the use of wormeries and Bokashi bins to compost cooked food waste



War on plastic:

re-using plastic
tree guards



Wildlife friendly Addingham



- Lead: Jan Hindle
- Meets weekly through the year on Saturday mornings
- About 50 active volunteers
- About 20 bird observers
- 10 Bee and butterfly observers (10 transects)
- **Trees and hedges**
- **Wildflowers**
- **Hedgehogs**
- **Wildlife ponds**
- **Invasive species**

Hedge planting at Marchup Heights, 2023





Old Station Way – after six years



New school wildlife pond



2021



2023



Himalayan balsam (*Impatiens glandulifera*)

After five years our volunteers, guides and scouts, have cleared much of our balsam. We're now working on the River Wharfe





We encourage wildlife friendly gardens

Wildflower lawns, ponds, hedgehog friendly,
pollinator friendly, zero poison



Sustainable water Addingham

- Lead: Rick Battarbee
- About 15 trained beck stewards
- Tap water consumption
- Flood resilience
- SuDS and rain gardens
- Natural flood management (NFM)
- Water quality
- Invasives



Boxing day 2015

Understanding flood risk and increasing flood resilience



Sustainable urban drainage systems (SuDS) to deal with surface runoff and slow the flow



Slowing the flow using sustainable drainage (SuDS) Creating rain gardens



Water butts

Rain from roof

Pond

Bog

Soakaway

An Addingham rain garden

Monitoring water quality in Town Beck



Monitoring invasive American crayfish in our becks



Next steps

Climate Action Addingham

- Reaching out beyond our 300 members to the 3,500 residents, over 20 organisations (clubs, societies etc), and over 50 (?) businesses in the village
- A working group between the Parish Council and Civic Society, advised by AEG, to tackle climate change and biodiversity loss
- We launched on Thursday 3rd November



We invite you to the launch of

CLIMATE ACTION ADDINGHAM

on **Thursday 3rd November** in the Memorial Hall.
Doors open 6 pm



THE PARISH COUNCIL AND THE CIVIC SOCIETY
WORKING TOGETHER TO TACKLE CLIMATE
CHANGE AND BIODIVERSITY LOSS IN ADDINGHAM



CAA: draft objectives

Carbon

- Reducing personal carbon footprints
- Improving home energy efficiency
- Decreasing fossil fuel dependence for home heating
- Increasing renewable energy generation
- Walking and cycling more
- Using public transport
- Increasing plant-based diets
- Sequestering carbon through tree and hedge planting

Waste

- Recycling more household waste
- Reducing food waste, including cooked food waste
- Reducing plastic and eliminating single-use plastic

Water

- Reducing use of tap water
- Reducing surface water runoff
- Slowing the flow of flood water

Biodiversity

- Creating wildlife friendly gardens and allotments
- Planting trees and hedges
- Increasing wildflower meadows
- Increasing numbers of pollinators
- Protecting red list birds
- Increasing hedgehog populations
- Creating wildlife ponds
- Restoring becks
- Eliminating use of plant and animal poisons
- Controlling invasive species

Outcomes so far

Successes, challenges and frustrations

- Community success – built a membership and connected to other groups
- Some environmental successes – trees, wildflowers, ponds, recycling, home energy efficiency; but
- Need to overcome resistance to change
- Need to reach out beyond the membership to the whole community
- Need to speed up implementation of measures to safeguard the future
- Need to put sustainable living at the centre of all we do

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PLANET B