

*Responding to the Climate
Emergency:*
**Developing the Gloucestershire
Climate Change Strategy
2019/20 to 2024/25**

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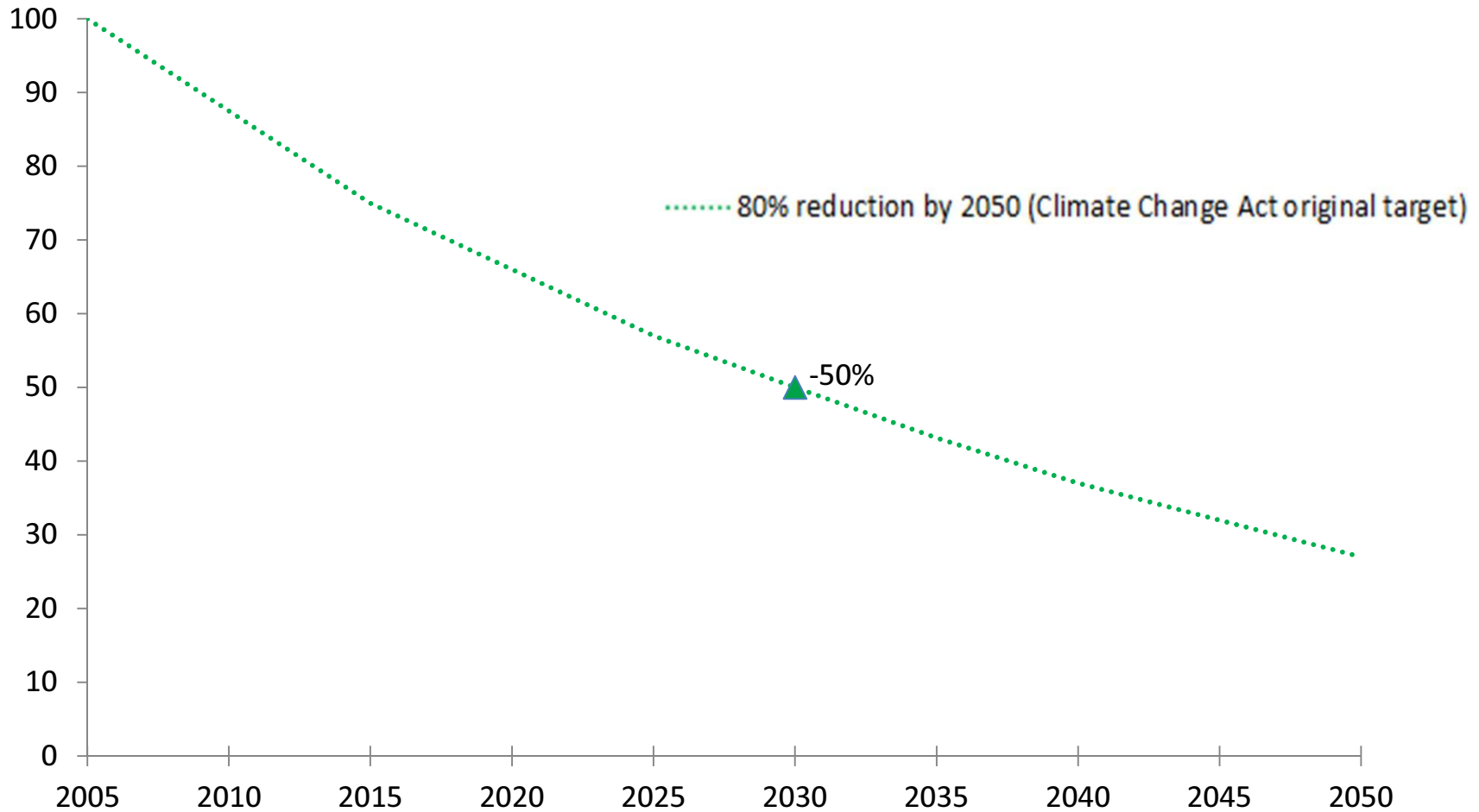
Presentation

- Motion 836
- What the Council has done already
- Symposium outcomes
- Timeline
- Youth Climate Panel
- Seeking your views

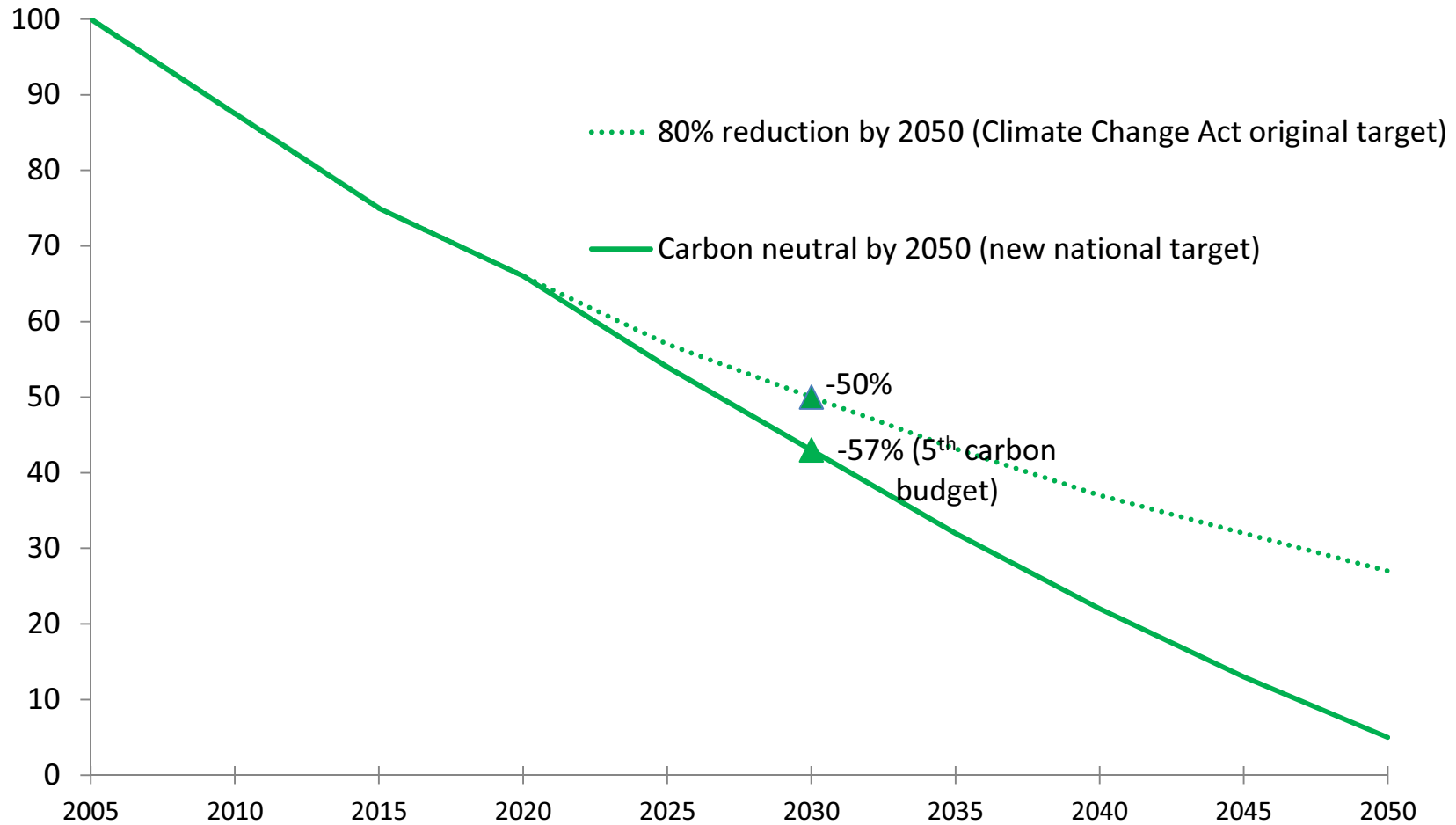
Motion 836, 15th May 2019

- Climate emergency declared
- Reduce corporate carbon emissions by at least 80% by 2030; with the remaining being offset, resulting in a “net zero” organisation
- Deliver a carbon neutral county by 2050
- Work with partners to identify what measures would be needed to deliver a stepped target of 80% carbon reduction by 2030

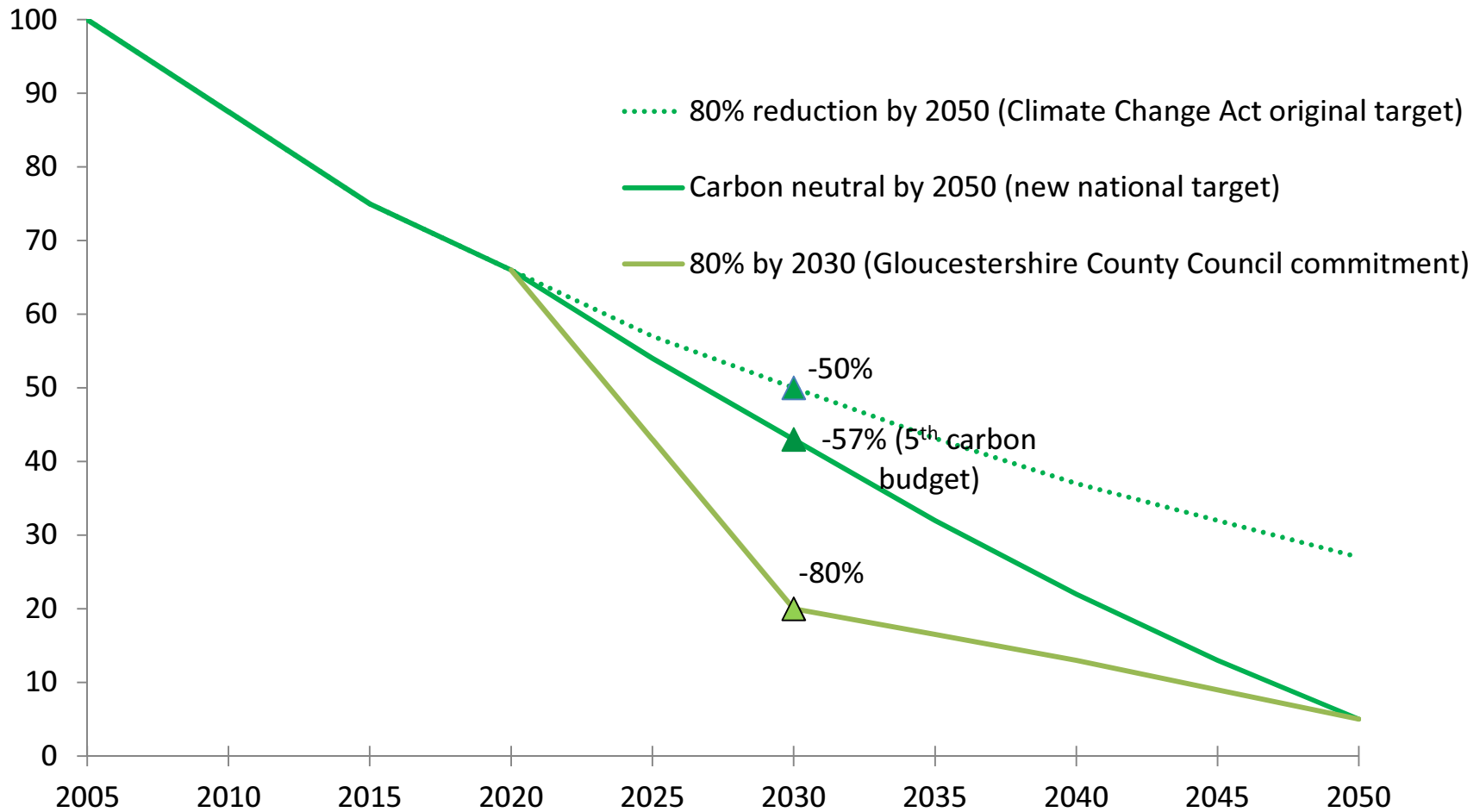
Gloucestershire carbon emissions reduction trajectory to 2050



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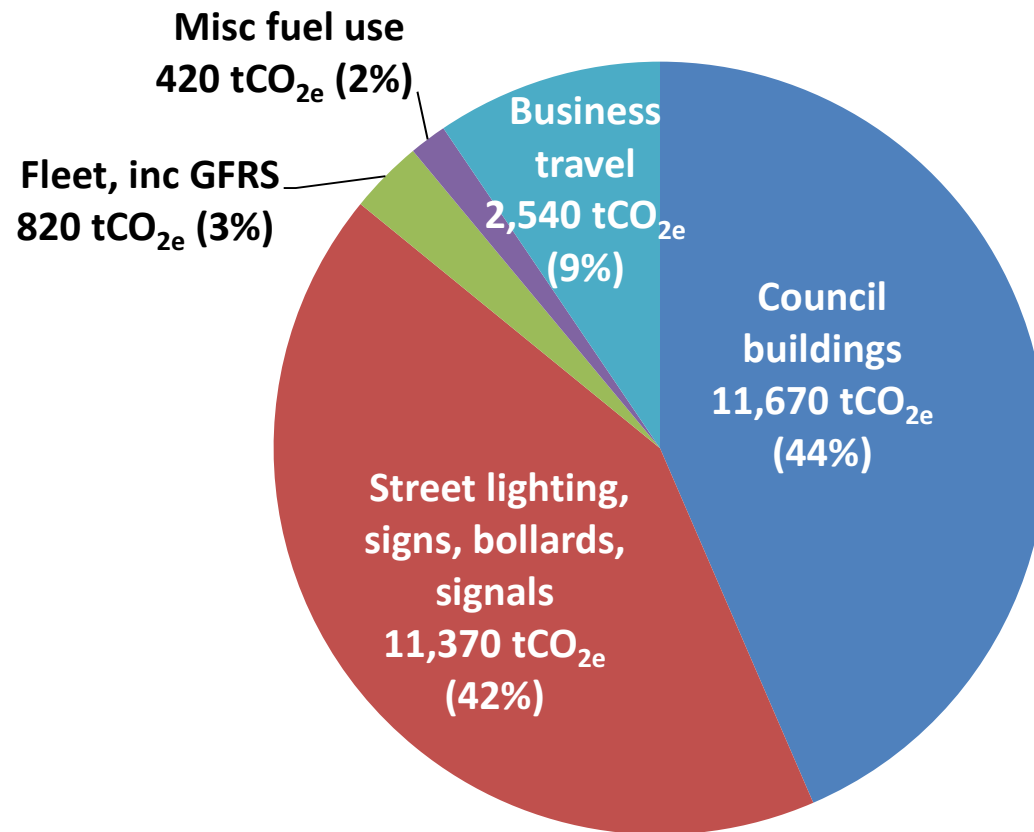
What the council has done already

- early beginnings

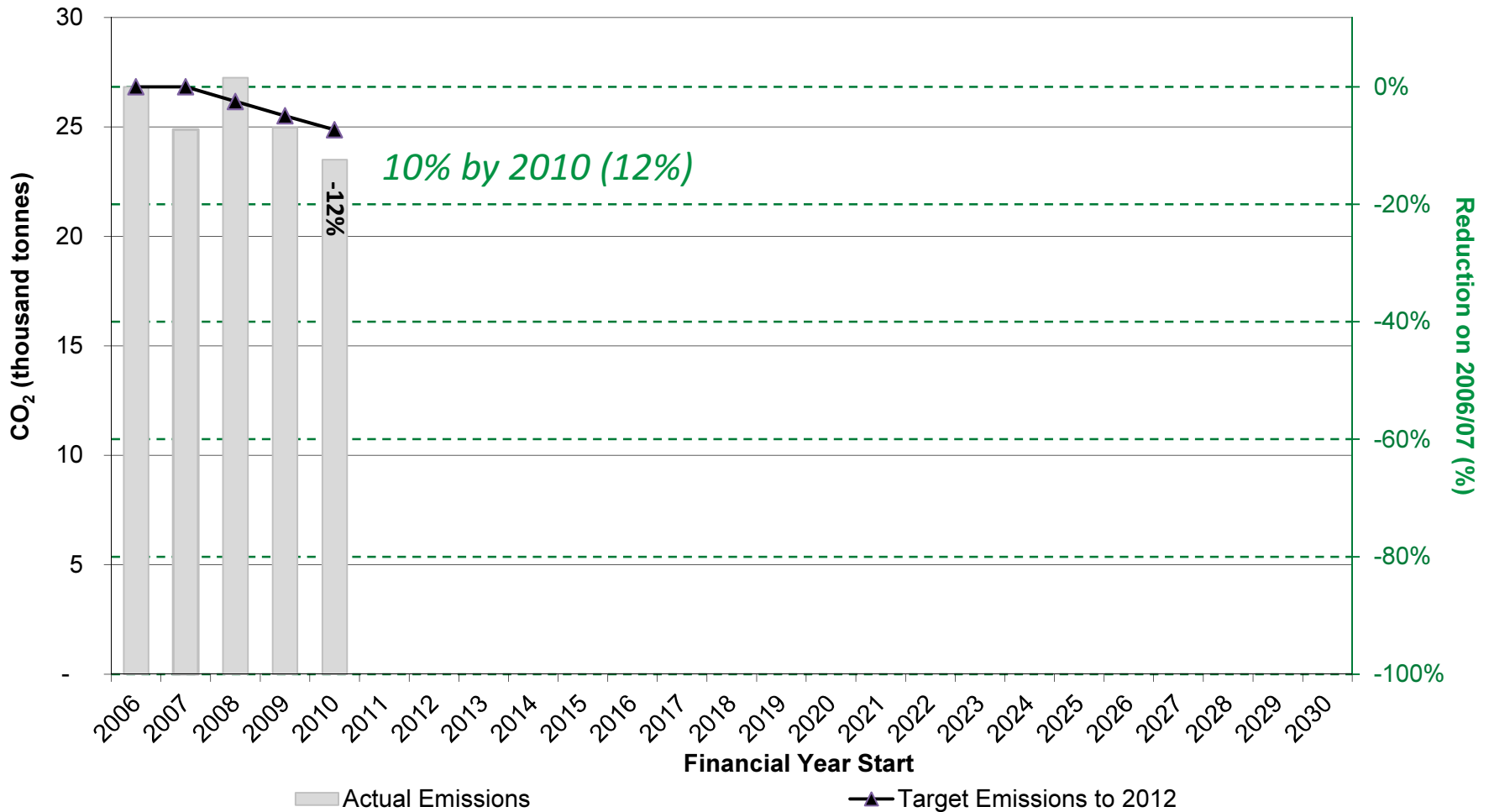
- 2005 Carbon Management Programme (CMP) with The Carbon Trust
- Joined the “10:10” initiative
 - 10% reduction on baseline (2006) by 2010
- £1m Salix Finance Recycling Fund (50% GCC)
 - **£3.4m invested to date**
- 2008 Climate Change Strategy & Action Plan
 - *Nottingham Declaration on Climate Change*



2006/07 Baseline



Reducing our emissions - early beginnings

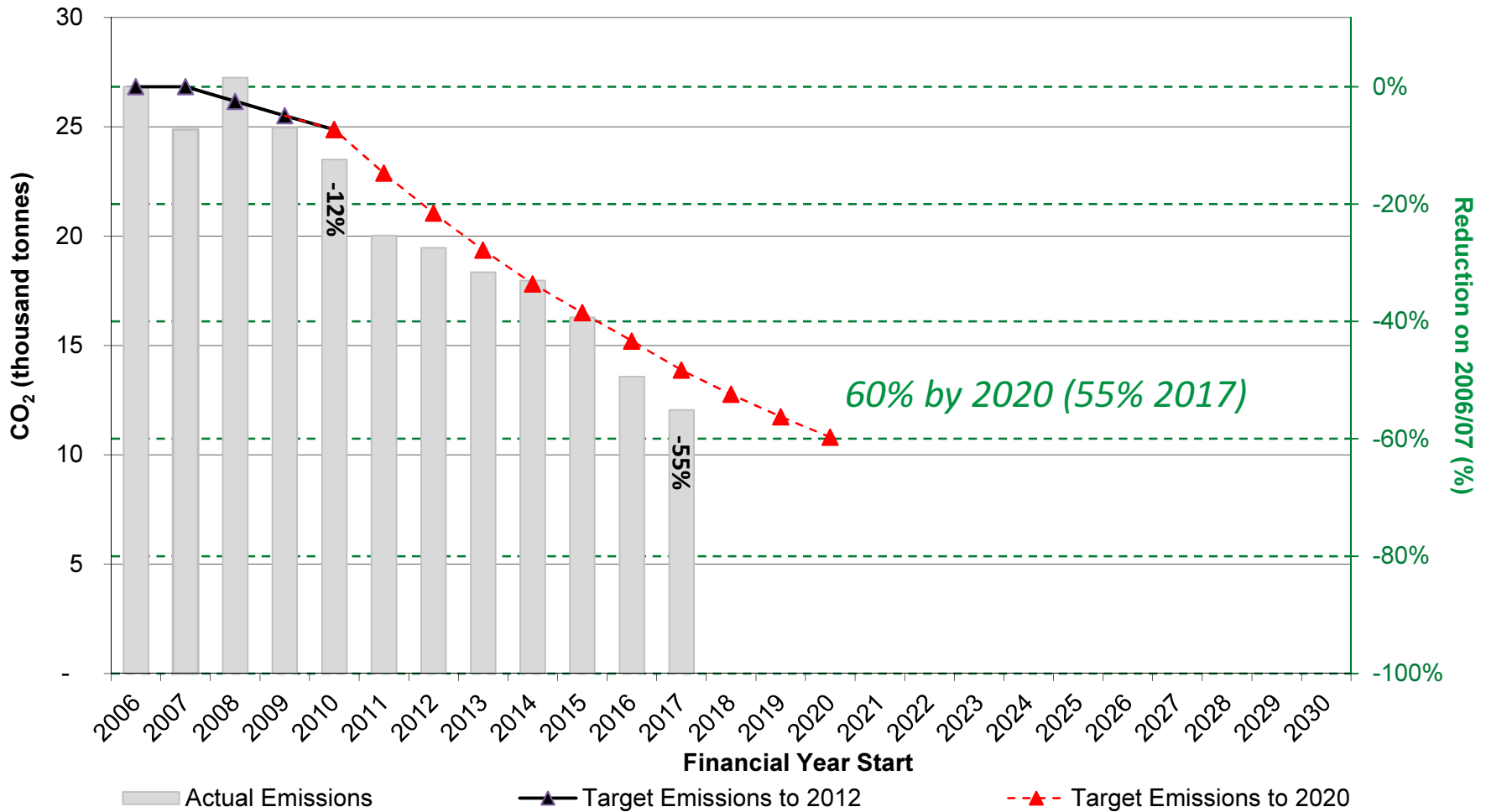


Reducing our emissions

- a step change in ambition

- 2010 refreshed CMP
- New target adopted 2011
 - *to reduce corporate carbon emissions by 60% by 2020/21 against our 2006/07 baseline*
- Mirrored the trajectory of the UK Climate Change Act 2008 (at that time)
 - *80% reduction target by 2050 (57% by 2032)*

Reducing our emissions - a step change in ambition



Reducing our emissions

We've done almost all we can energy efficiency-wise

- Insulation – loft, wall, roof, pipes
- Heating & lighting upgrades and controls, remote Building Energy Management System (BEMS)
- Office rationalisation
- Shire Hall refurbishment, inc cladding, new windows, open plan, PV
- 2,500 desktop printers to Multi-Functional Devices (MFDs)
- ICT – server virtualisation, moved off-site, upgrades, thin client
- LED street lights with Central Management System, bollard de-illumination, LED signs & bollards
- Staff pool cars pilot – inc EVs and EV plug-in hybrids
- **Saving over £2m a year**

LED Street Lighting with CMS



- £13.7m over 3.5 years
- 60,000 street lights
- 70% dimming residential areas
- 50% dimming main traffic routes
- **Saving £1.1m pa**

Shire Hall, Gloucester

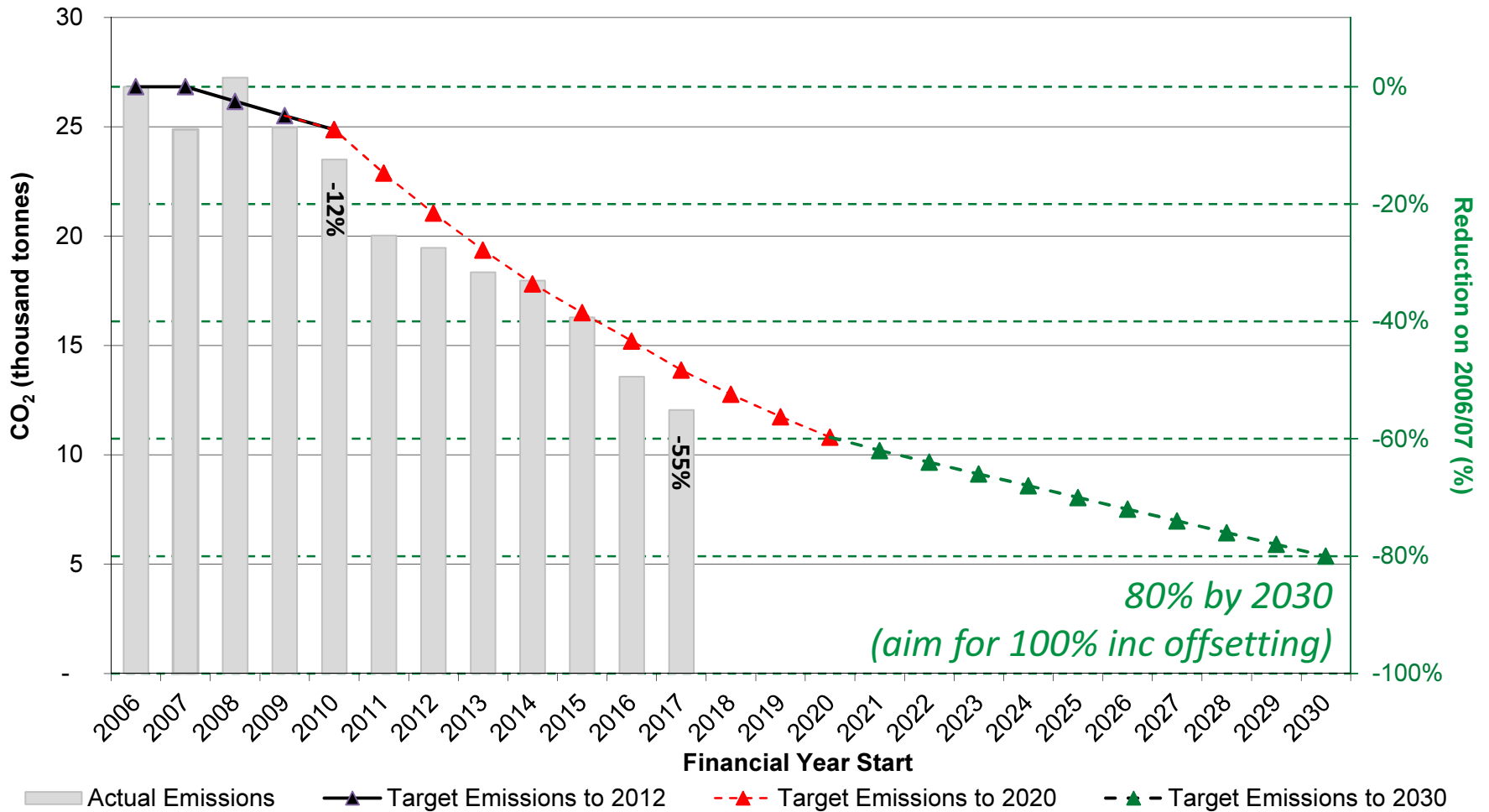


- Cladding
- New windows
- Heating sensors, lighting, controls
- Reinstate open plan
- Solar PV roof and integrated to rear (Blocks 5 & 6)
- **2017/18 saving 240 tCO_{2e} (2% of total)**

Getting to 60% by 2020/21

- Benefits still to be captured 2018/19, 2019/20
 - LED Street Lighting
 - Shire Hall refurbishment inc PV
 - Staff pool cars pilot, Phase 2 to August 2020
- Other potential projects
 - LED lighting at station car parks
 - Office LED lighting
 - Ongoing office heating, lighting, insulation, etc

Getting to 80% by 2030

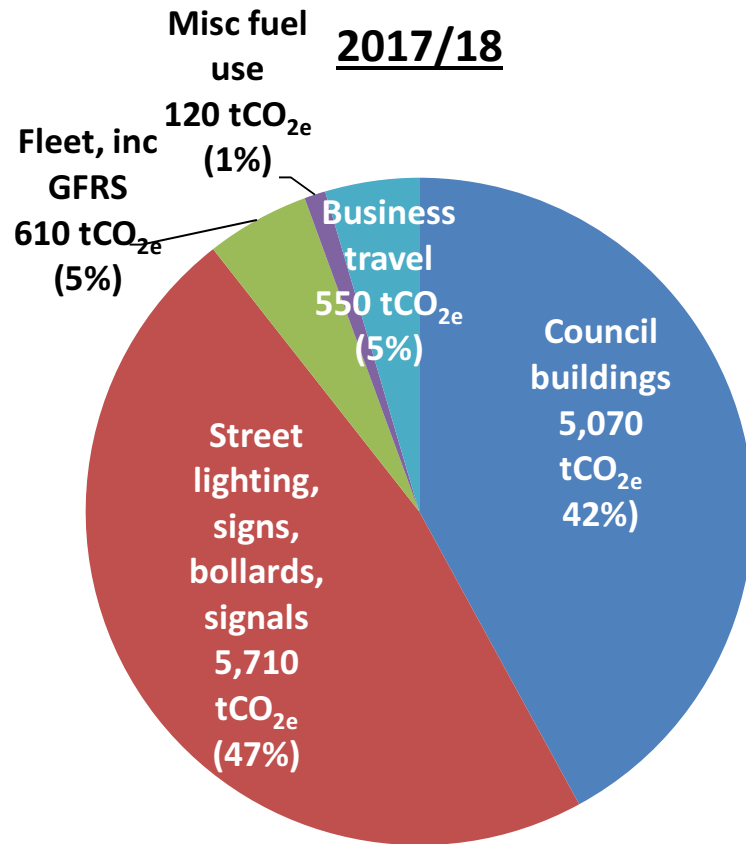
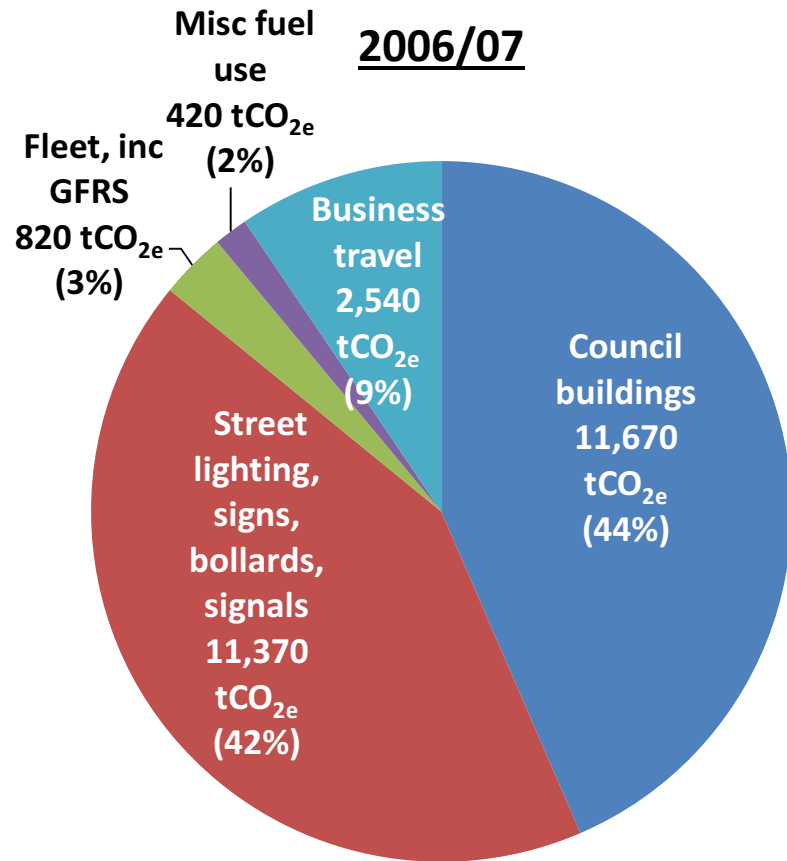


80% by 2030
(aim for 100% inc offsetting)

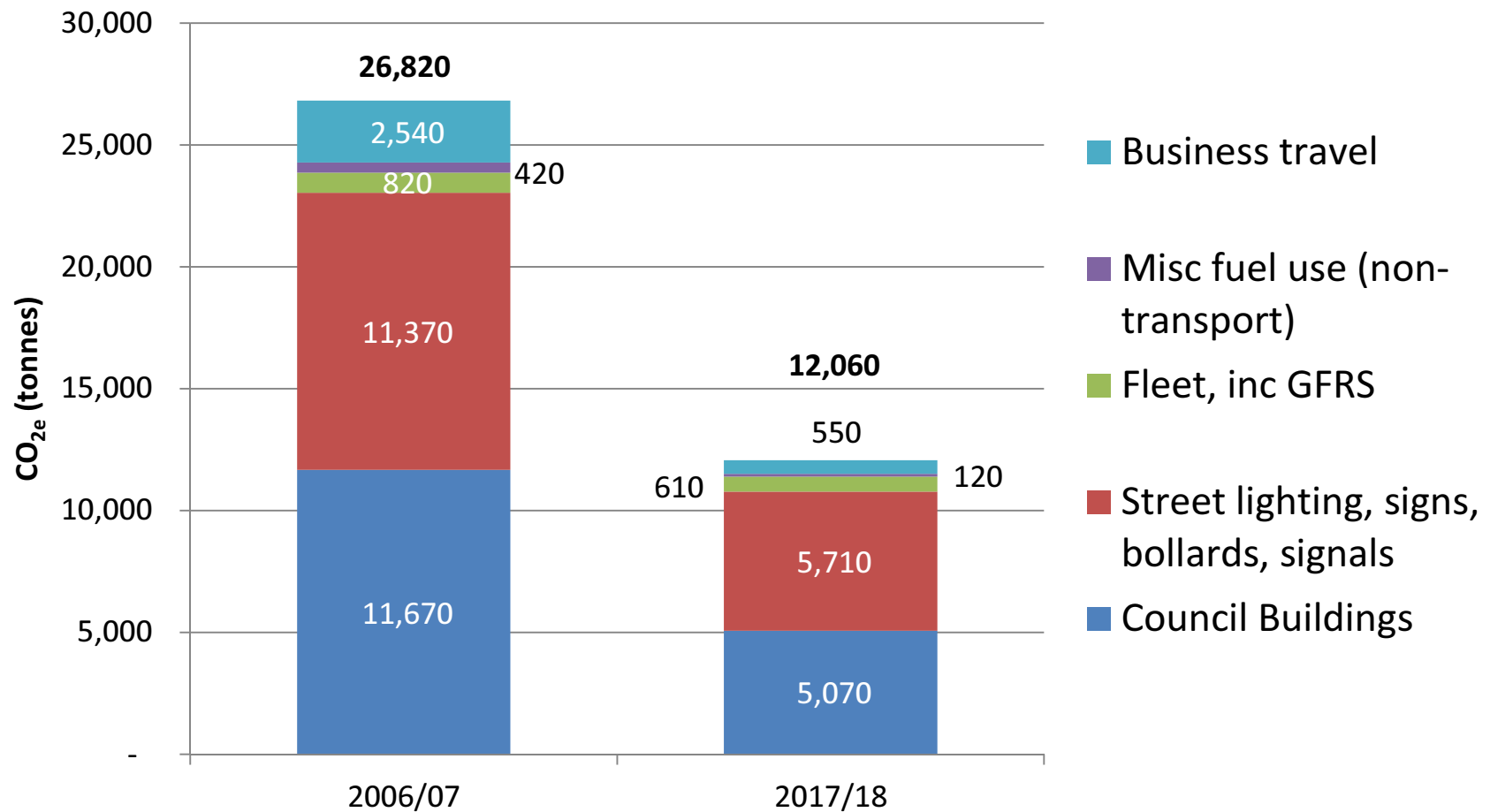
Getting to 80% by 2030

- Office LED lighting
- Additional office improvements
- Staff business travel – scaling up pool cars
- Renewable energy generation
- EV charging infrastructure (£470k)
- (Green energy procurement)
- (Investment in others' renewable projects)

Emissions reduction on the baseline



Emissions reduction on the baseline



Emissions reduction on the baseline

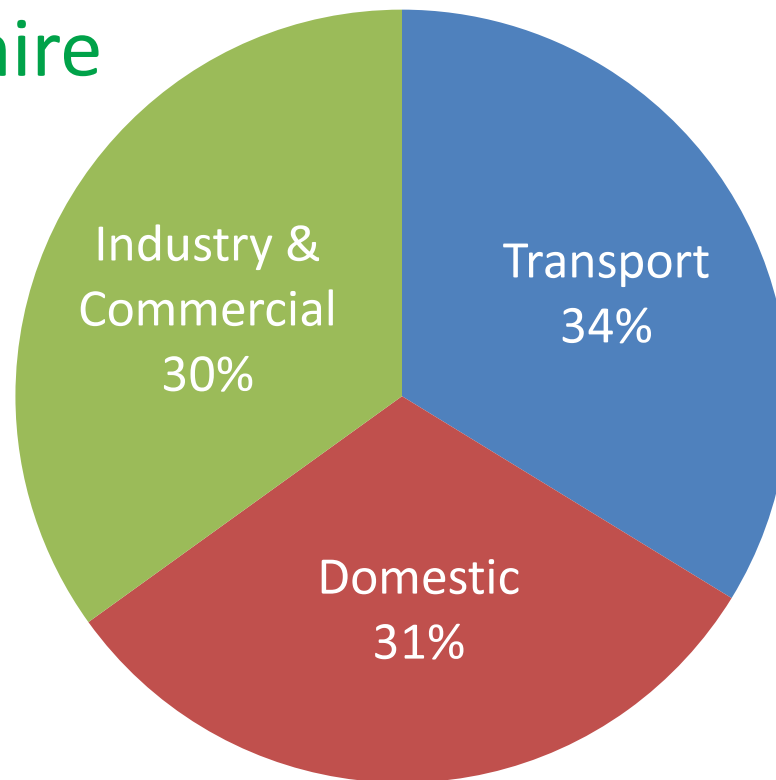
	2017/18
Council Buildings	-57%
Street lighting, signs, bollards, signals	-50%
Fleet, inc GFRS	-26%
Misc fuel use	-71%
Business travel	-78%
Overall	-55%

Climate Change Strategy

- 5 years, annual rolling action plan
- Overarching strategy for Gloucestershire
- What the council is going to do
- Working with partners to deliver
- Enabling everyone to play their part

Where our carbon comes from...

Gloucestershire Emissions 2017



What can you do..?

1. *Do you consider there is a need for a climate emergency, as has been declared? (Yes/ No)*
2. *In order to become a carbon neutral county, do you agree people's lifestyle choices have to change? (Yes/ No)*
3. *What changes will you make?*
 - a) *At home and in your 'personal' life and consumption choices*
 - b) *At work, school, college or an organisation you're involved with*
 - c) *In the community, as people with connections and as citizens*

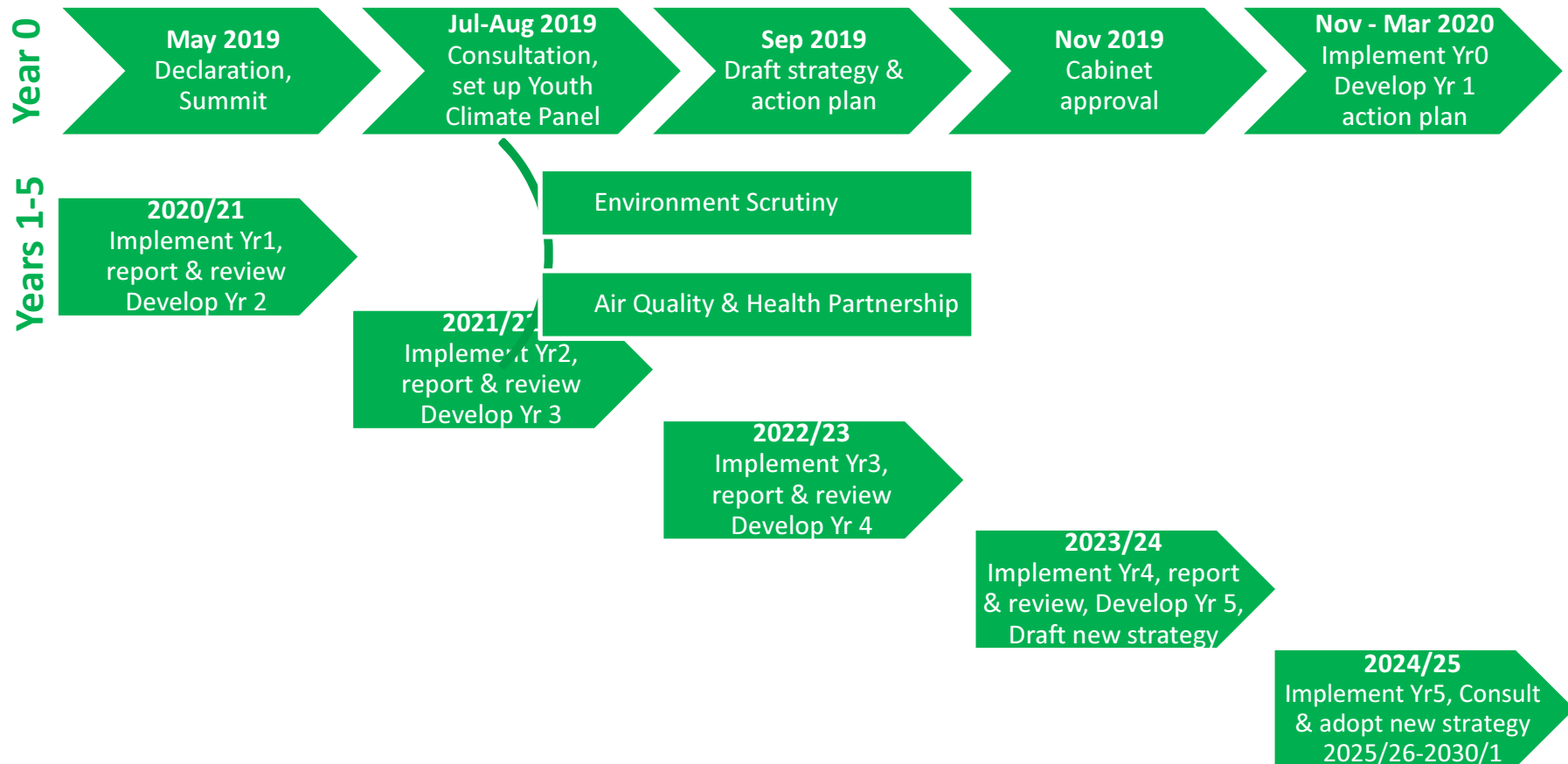
What can you do..?

- 4. To make the most of your actions and to help other people to contribute more, what do you want to see in the new Gloucestershire Climate Change Strategy?*
- 5. In order to make your answers a reality, who else needs to act and what do you want/need them to do?*

Symposium Outcomes, 21st May

- c120 enthusiastic and innovative people from public, private, voluntary sector
- Outcomes and actions from the summit were, to:
 - Develop an engagement plan, inc setting up a Youth Panel, and come back to delegates with the proposed approach
 - Use the outcomes from the summit to develop a revised Climate Change Strategy for Gloucestershire and the council, for public consultation in the summer
 - Following the consultation, take it to the council's Cabinet for approval
 - Feed the strategy recommendations into Leadership Gloucestershire

Timeline 2019/20-2024/25



Youth Climate Panel

- Age 16-25 (engaging schools separately)
- 5 reps from each district
- Face-to-face inductions in each district
- Central meetings where p
- Minimise the need to travel by utilising video conferencing facilities and social media
- Propose to cover reasonable travel costs
- Inviting applications in Jul/Aug
- Meet Aug and/or Sep

Purpose of the Panel, to...

- Give young people a voice on climate change issues, giving members the platform to influence and have their say on how we respond to the climate emergency together.
- Give feedback on the draft Climate Change Strategy.
- Give young people and insight on how Leadership Gloucestershire organisations will tackle climate change issues.
- Help the council fulfil its climate commitments.
- Assist the council to empower residents to take action on Climate Change, providing insight into how to encourage people to take responsibility for their behaviours.

Next steps

- Revised Climate Change Strategy & Action Plan
 - Build on the outcomes from the summit
 - Draft Strategy by July
 - Public consultation, summer
 - Cabinet, November
 - Council budget setting process up to Feb 2020

'The story of solutions'

- [The Story of Solutions video](#)

To get in touch...

- glosclimate@gloucestershire.gov.uk

What changes will you make..?

- 1. At home and in your 'personal' life and consumption choices?*
- 2. As a district and/ or county councillor – at work and in your community?*
- 3. To make the most of your actions and to help other people to contribute more, what do you want to see in the new Gloucestershire Climate Change Strategy?*
- 4. In order to make your answers a reality, who else needs to act and what do you want/need them to do?*