# **EIGHT ASH GREEN CC - CARBON REPORT 2023**



### **INTRODUCTION**

This brief report summarises Eight Ash Green Cricket Club's progress towards Carbon Net Zero in 2030.



EAGCC Goals and Vision to Carbon Net Zero by 2030

The below analysis uses our simple Less is MOR model.

### **MEASURE**

Carbon emissions for 2023 are projected using a community-specific <u>cricket carbon calculator</u>. We currently project emissions from energy, transport and food.

- Energy remains low and is from 100% renewable sources.
- Transport is our biggest source and the one with the biggest scope for reduction. Our *Carshare Scorecard* campaign only started in June and shows what can be achieved.
- Food is significantly reduced as post-Covid our players bring their own. This is a hollow victory unless we can influence individual players to adopt sustainable diets.

Projected emissions from all sources total 7.13 tonnes and is within our 2023 target. Updates are done centrally and we are recruiting Carbon Champions to do this 'live' via mobiles in future.



Transport emissions are calculated automatically from fixture data and DfT factor tables

Extending the outdoor season to take part in indoor leagues is a major addition to emissions, especially property emissions from sports centre heating and lighting. Increased levels of indoor training are another significant addition. We are working hard on quantifying these.

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### **OFFSET**

EAGCC will offset all our projected emissions this year. We calculate that 61 tonnes of offset are needed to fulfil our vision of Carbon Net Zero by 2030. This assumes that 22% reductions are made annually. Emissions will increase as scope is widened and this figure will change.



Eight Ash Green has offset with World Land Trust for over a decade

Offsetting is provided by the Woodland Trust and the World Land Trust. Offsets from both sources are not from *new* Natural Capital and are therefore not certifiable. Instead, our contribution goes to the maintenance and protection of existing woodland until any investment at scale can be delivered. Woodland Trust works at 1 acre offset per 1 metric tonne of carbon.

## **REDUCE**

Our *Nearer*, *Better*, *Fewer* campaign focused on reducing transport emissions. *Nearer* fixtures are tricky in leagues and might mean switching to local friendlies. *Better* means using more electric / hybrid vehicles which depends on availability of EV chargers at opposition grounds. *Fewer* means car sharing which has been a quick win and the highlight of our campaign so far.

Date	Team	Opposition	Miles	Cars Saved	Miles
09-Jun	Women	Sudbury	4	0	0
10-Jun	Sat 1s	Haverhill CC	25	6	300
16-Jun	Women	Colchester & EE CC	4	4	32
17-Jun	Sat 2s	Elmstead CC	9	7	126
18-Jun	Sun 1s	Chelmsford CC	27	5	270
23-Jun	Women	Mistley CC	4	5	40
24-Jun	Sat 1s	Nowton CC	27	5	270
01-Jul	Sat 2s	Long Melford CC	15	4	120
08-Jul	Sat 1s	Ipswich CC	17	6	204
15-Jul	Sat 1s	Gt Bromley	15	7	210
16-Jul	Sun 1s	Galleywood CC	27	5	270
22-Jul	Sat 1s	Stowmarket CC	34	8	544
22-Jul	Sat 2s	Stowmarket CC	4	5	40
29-Jul	Sat 1s	Wivenhoe CC	4	1	8
29-Jul	Sat 2s	Maldon CC	16	5	160
05-Aug	Sat 1s	Maldon CC	16	5	160
05-Aug	Sat 2s	Boxted CC	4	5	40
06-Aug	Sun 1s	Chelmsford CC	27	5	270
12-Aug	Sat 1s	Brockley CC	23	5	230
19-Aug	Sat 1s	Hadleigh CC	18	5	180
19-Aug	Sat 2s	Coggeshall CC	4	1	8
20-Aug	Sun 1s	Gt Bentley CC	16	7	224
09-Sep	Sat 1s	Nowton CC	4	6	48
09-Sep	Sat 2s	Haverhill CC	25	5	250
		Dis	tance Saved (Miles)		4,004
	Carbon Saved (Kg Co2e)				



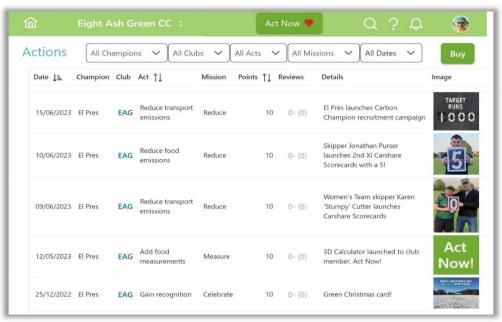
Breakdown of Carshare Scorecard savings and July winner Ethan Wyatt

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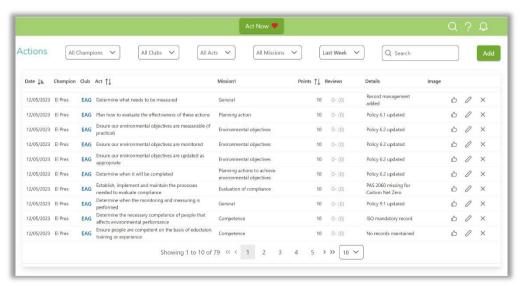
Carshare Scorecard savings have been applied and saved an estimated 1.1 tonnes of carbon. This works best for away trips for seniors at weekends; youth and women's teams struggle with midweek fixtures and after-work time constraints. We are applying for EV funding for our home ground and co-ordinating EV funding for all our opposition.



Carbon Champions has gamification built in via a Fun > Skills > Winning framework

We switched to 100% renewable energy from Ecotricity a long time ago and reduced clubhouse use as far as possible (see The Green Initiative). Our planned changing room refurbishment will use on-demand water heating which will cut this further. Switching to a battery-powered roller sometime in the future likewise.

Even though diminished in volume, food remains important. We need to discourage or ban meat and non-locally sourced food from any club meals or barbeques, and encourage players to do the same for their teas. Reducing emissions from drink needs attention and bar activity needs to be included in future measurements.



And to silence our critics (and cure insomnia) a full peer-reviewed EMS to ISO 14001 / PAS 2060 is out shortly

Scope of emissions needs widening and will include balls, kit and cloud storage from next year. Until then decisions to purchase such items should be suspended. We will also estimate and offset the emissions associated with any pavilion refurbishment.

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## CONCLUSION

Eight Ash Green Cricket Club is making progress, and is probably doing more than many (any?) other amateur cricket club to reduce carbon emissions and take other sustainable actions. It is still not enough, and we need to do more to influence our members, opposition, competitions and county to do likewise.

There will be a significant increase in activity as we share our experiences and influence through our <u>Carbon Champions</u> programme. This includes investments in a new Online Community, a new Online Learning system and our existing Online Platform.

Carbon Champions applies lessons learned from earlier initiatives and is designed to scale up to any county, collective (e.g. league) or community. All our work addresses head-on the *barriers* of scarce resources (time, people, money, skills) in voluntary organisations, by embedding *drivers* through gamification, authentic learning and positive deviance (deeds not words).

To concentrate on this work and avoid confusion in roles, I am stepping down as El Presidenté at this year's AGM. I look forward to continuing to support our club and the communities in which it resides on our journey to Carbon Net Zero in 2030.

Ex Pres (aka Richard Parker) 21 October 2023



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