

# 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.

Our Goal				Our Vision										
Year	2023	2023	2023	Year	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Source	Target	Projected	Variance	Reduction	22%	22%	25%	23%	38%	29%	22%	22%	22%	22%
Energy	367	480	114	Source	Actual	Actual	Target	Target	Target	Target	Target	Target	Target	Target
Food	2,804	1,440	-1,364	Energy	467	512	367	294	237	168	131	181	141	110
Transport	5,515	5,208	-307	Food	2,839	4,012	2,804	2,245	1,808	1,284	1,001	1,384	1,079	842
Emissions	8,686	7,129	-1,557	Transport	4,438	5,263	5,515	4,417	3,556	2,525	1,969	2,722	2,123	1,656
Offset	61,034	0	-61,034	Emissions	9,928	12,547	8,686	6,956	5,601	3,976	3,102	4,287	3,344	2,608
Net	-52,348	7,129	59,476	Offset	0	0	61,034	0	0	0	0	0	0	0
				Net	9,928	12,547	-52,348	6,956	5,601	3,976	3,102	4,287	3,344	2,608
				Cumulative	9,928	22,475	-29,873	-22,917	-17,317	-13,340	-10,239	-5,952	-2,608	-0

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 [cricket carbon calculator](#). 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.

Date	Source	Type	Ref	Value	Unit	Carbon	Accuracy
05/01/2023	Energy	Electricity	Ecotricity	250	kWh	53.08	Actual
08/01/2023	Transport	Car Petrol	EAG vs HP	10	Miles	11.22	Estimate
08/01/2023	Transport	Car Diesel	EAG vs HP	10	Miles	5.42	Estimate
08/01/2023	Transport	Car Hybrid	EAG vs HP	10	Miles	1.92	Estimate
15/01/2023	Transport	Car Petrol	Home Club: Eight Ash Green CC				Estimate
15/01/2023	Transport	Car Diesel	Away Club: Hatfield Peverel CC				Estimate
15/01/2023	Transport	Car Hybrid	EAG vs RO	10	Miles	1.92	Estimate
29/01/2023	Transport	Car Petrol	H&D vs EAG	46	Miles	51.62	Estimate
29/01/2023	Transport	Car Diesel	H&D vs EAG	46	Miles	24.94	Estimate
29/01/2023	Transport	Car Hybrid	H&D vs EAG	46	Miles	8.85	Estimate

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.

## EIGHT ASH GREEN CC - CARBON REPORT 2023

### 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.

EAGCC CARSHARE SCORECARD SAVINGS 2023					
Date	Team	Opposition	Miles	Cars Saved	Miles Saved
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
				Distance Saved (Miles)	4,004
				Carbon Saved (Kg Co2e)	1,121



*Breakdown of Carshare Scorecard savings and July winner Ethan Wyatt*

## EIGHT ASH GREEN CC - CARBON REPORT 2023

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.

Date	Champion	Club	Act	Mission	Points	Reviews	Details	Image
15/06/2023	El Pres	EAG	Reduce transport emissions	Reduce	10	0- (0)	El Pres launches Carbon Champion recruitment campaign	TARGET RUNS 1000
10/06/2023	El Pres	EAG	Reduce food emissions	Reduce	10	0- (0)	Skipper Jonathan Purser launches 2nd XI Carshare Scorecards with a 5!	5
09/06/2023	El Pres	EAG	Reduce transport emissions	Reduce	10	0- (0)	Women's Team skipper Karen 'Stumpy' Cutter launches Carshare Scorecards	0
12/05/2023	El Pres	EAG	Add food measurements	Measure	10	0- (0)	3D Calculator launched to club member. Act Now!	Act Now!
25/12/2022	El Pres	EAG	Gain recognition	Celebrate	10	0- (0)	Green Christmas card!	HAPPY CHRISTMAS AND MERRY XMAS!

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.

Date	Champion	Club	Act	Mission1	Points	Reviews	Details	Image
12/05/2023	El Pres	EAG	Determine what needs to be measured	General	10	0- (0)	Record management added	🔗 📄 ✕
12/05/2023	El Pres	EAG	Plan how to evaluate the effectiveness of these actions	Planning action	10	0- (0)	Policy 6.1 updated	🔗 📄 ✕
12/05/2023	El Pres	EAG	Ensure our environmental objectives are measurable (if practical)	Environmental objectives	10	0- (0)	Policy 6.2 updated	🔗 📄 ✕
12/05/2023	El Pres	EAG	Ensure our environmental objectives are monitored	Environmental objectives	10	0- (0)	Policy 6.2 updated	🔗 📄 ✕
12/05/2023	El Pres	EAG	Ensure our environmental objectives are updated as appropriate	Environmental objectives	10	0- (0)	Policy 6.2 updated	🔗 📄 ✕
12/05/2023	El Pres	EAG	Determine when it will be completed	Planning actions to achieve environmental objectives	10	0- (0)	Policy 6.2 updated	🔗 📄 ✕
12/05/2023	El Pres	EAG	Establish, implement and maintain the processes needed to evaluate compliance	Evaluation of compliance	10	0- (0)	PAS 2060 missing for Carbon Net Zero	🔗 📄 ✕
12/05/2023	El Pres	EAG	Determine when the monitoring and measuring is performed	General	10	0- (0)	Policy 9.1 updated	🔗 📄 ✕
12/05/2023	El Pres	EAG	Determine the necessary competence of people that affects environmental performance	Competence	10	0- (0)	ISO mandatory record	🔗 📄 ✕
12/05/2023	El Pres	EAG	Ensure people are competent on the basis of education, training or experience	Competence	10	0- (0)	No records maintained	🔗 📄 ✕

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.

## EIGHT ASH GREEN CC - CARBON REPORT 2023

### 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 Carbon Champions 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 EI 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*

