DESERT VIPERS

SEASON 3 SUSTAINABILITY MATCH REPORT

JUNE 2025

OVERVIEW

FROM THE CEO, PHIL OLIVER

"Delivering a successful Sustainability Match in a short and busy DP World ILT20 Tournament is a tough challenge, but thanks to the hard work of our team and support from our partners, we were able to make the day a huge success. As a team, Desert Vipers have only just scratched the surface of what's possible when it comes to sustainability in sport, so we are excited to look forward and continue to try and make a difference. Fangs Out."

FROM THE BUSINESS SUSTAINABILITY LEAD, BEN HARDY-JONES

"Season 3's Sustainability Match aimed to go one step further than Season 2, in our goal to continually improve and push progress forward when it comes to addressing climate change and sustainability in sport. The carbon footprint analysis from last year's match highlighted two main areas that contributed heavily to our emissions – kit and food – so this year's match aimed to address those. Beyond that, the opportunity to celebrate all things sustainability with our fans, partners, and players was a privilege, and the energy brought to the event by everyone was immense and a testament to the family that the Vipers are now becoming. Fangs Out for Sustainability!"

OBJECTIVES OF THE MATCH

1. **To celebrate Desert Vipers' commitment to sustainability.**
2. **To trial new ways to reduce the environmental impact of cricket matches.**
3. **To showcase how sport and its partnerships can create purposeful & positive impact.**

CONTENTS

KEY STATS

30.86 tCO_2e

Match Carbon Footprint

100% RECYCLED MATERIALS

DV Performance, Team, & Replica Kit

15 AREAS

Reported on

NO RED MEAT

And Reduced Dairy in Hospitality Food

2,250 CUMULATIVE MINUTES

of Exercise Delivered in the Wake & Shake

8.6 $kgCO_2e$

Per fan attended

265K
Engagement

3.1M
Impressions

716K
Video Views

15.4M
TV Reach

3,587

Stadium Attendance

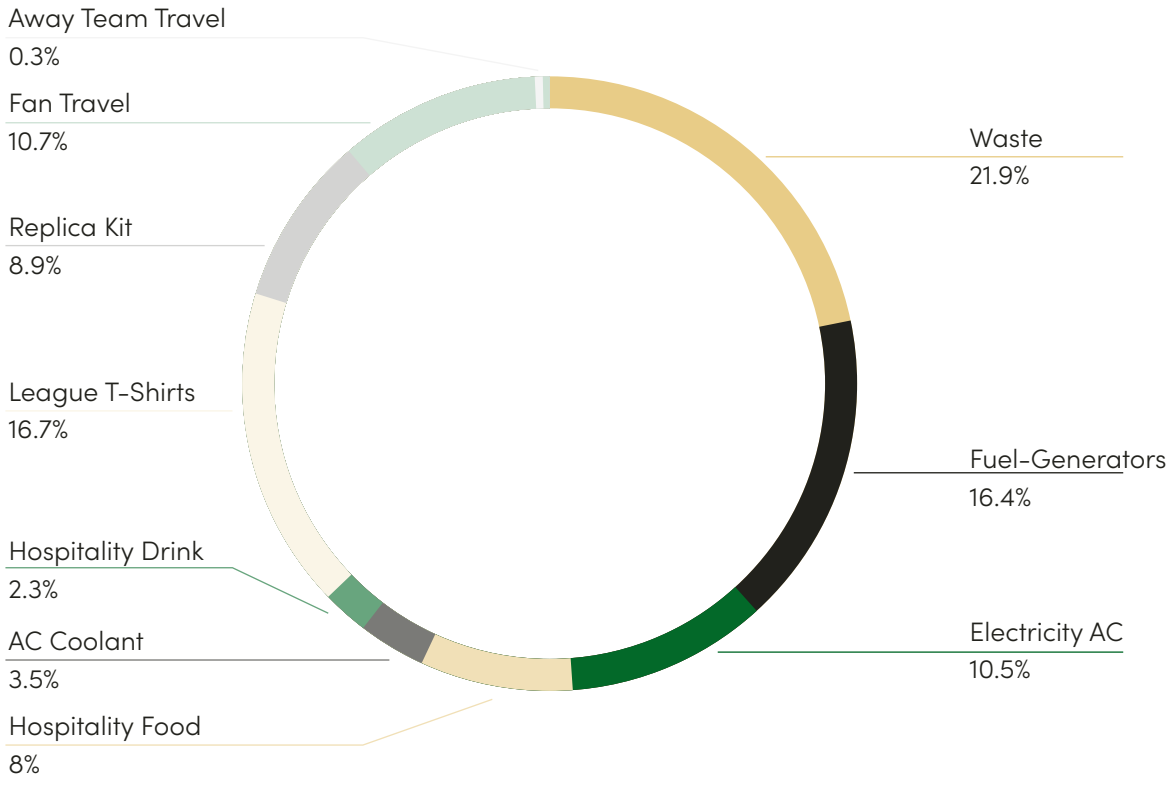
CARBON FOOTPRINT REPORT

SUMMARY

As part of Desert Vipers' forthcoming Carbon Footprint Report for Season 3 of DP World ILT20, we have produced a carbon footprint for this match. The following areas were included in the reporting scope:

Kit	Stadium	Transport
League T-Shirts [NEW]	Air-Con Coolant [NEW]	Fan Travel
Replica Kit (Desert Vipers)	Electricity – Air-Con [NEW]	Home Team Travel
	Electricity – Other	Away Team Travel
	Fertiliser	
	Fuel – Pitch Machinery [NEW]	
	Fuel – Generators	
	Hospitality Drink	
	Hospitality Food	
	Waste	
	Water	

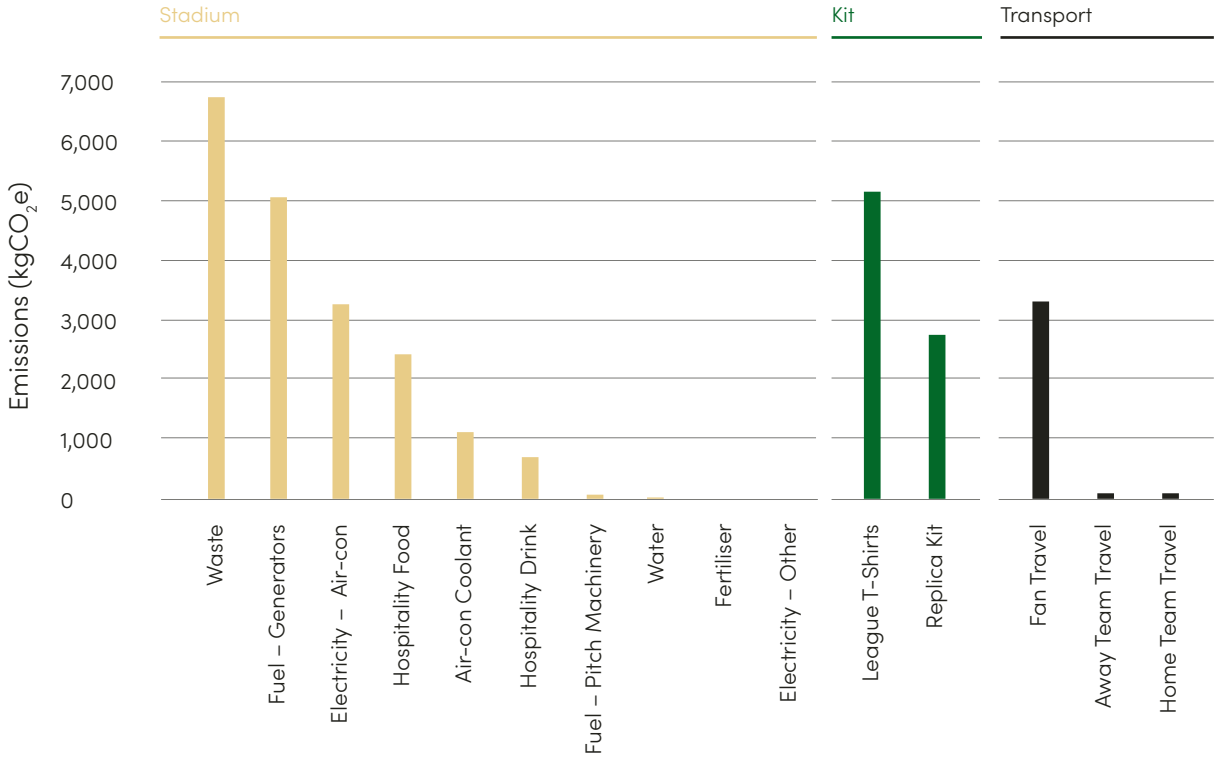
FOOTPRINT SUMMARY



CARBON FOOTPRINT REPORT

SUMMARY

The total carbon footprint for the match was 30.86 tCO_2e (or 30,860 $kgCO_2e$). The largest source of emissions was from waste (6.74 tCO_2e), followed by League t-shirts (5.15 tCO_2e), and fuel for generators (5.06 tCO_2e).



STADIUM

Emissions from the stadium made up nearly two-thirds of the overall emissions from the match, with the biggest contributors being waste, fuel (for generators), and electricity (for air-con). Recycling rates at the Dubai Stadium are very low (8.6%), despite the introduction of plastic recycling bins for all matches in Season 3, following a successful trial at Season 2's Sustainability Match. Considering generators, options for solar-powered generators exist and were used by the League in Season 2. However, in Season 3, the League were too late in ordering these generators, and they were used by someone else. This shows how the League must be proactive in planning for events, as more sustainable options are quick to be snapped up. Finally, trials to reduce emissions from air-con were run (see Spotlight 3: Energy). However, due to various factors, these were unsuccessful so emissions from air-con were still very high.

KIT

Emissions from kit made up just over a quarter of the emissions from the match. The majority of these emissions come from League T-Shirts. This is despite the fact that there was actually more Desert Vipers' Replica Kit, as Replica Kit was made from 100% recycled polyester, reducing its footprint by 51% versus virgin polyester, which was used in League T-Shirts (using 100% recycled polyester in DV Replica Kit saved 2.87 tCO2e, and lowered the footprint of the whole match by a staggering 9%!). Desert Vipers wrote to the League in Season 2 to encourage them to purchase kits made from recycled materials, but the League did not take this suggestion up. We hope that this analysis shows the importance of doing so in Season 4 and beyond, as League T-Shirts contribute 17% to the footprint of an entire match!

TRANSPORT

Emissions from transport made up 11% of the overall emissions from the match. This is contrary to other sports events, where transport often makes up 80% or more of emissions. The reason for low transport emissions is due to the fact that all fans attending the Sustainability Match were domestic fans, and the vast majority of fans arrive via buses organised by the League.
Transport emissions are slightly higher than last year, due to better fan travel reporting accuracy, despite attendances being slightly lower.

COMPARISONS VS SEASON 2

In Season 2, the carbon footprint for the Sustainability Match was 23.09 tCO_2e. On the face of it, this would suggest that the footprint had increased this season. However, four new categories of League T-Shirts, Air-Con Coolant, Electricity – Air-Con, and Fuel – Pitch Machinery were included this year (and only gas removed, which was only calculated to be 0.30 tCO_2e and removed as audits showed no gas on site).
These new categories were responsible for 9.49 tCO_2e of the 30.86 tCO_2e from Season 3's footprint, which is approximately the difference between Season 2 and Season 3. The other reason that Season 3's footprint is larger is due to better accuracy of fan travel reporting. Therefore, in reality, the footprint of the match was likely to have been slightly lower than Season 2's match, due to sustainability initiatives (although improved accuracy of reporting may have also caused some of the reduction, too).

FUTURE REDUCTIONS

Since Desert Vipers does not own or operate the stadium we play at, there are only a limited number of elements within our control. However, we aimed to work collaboratively with the stadium to reduce emissions from the match.

It is clear that through switching to recycled polyester, easy and large reductions in the carbon footprint can be achieved. Through PALMFIT, DP World ILT20 has a high quality and local supplier to purchase recycled polyester kits from, so we hope that they make this easy decision. We will be actively speaking with the stadium to push for changes to the waste collection, so that more recycling can take place, and less waste produced overall. Beyond that, an energy management system (EMS) can help reduce emissions from air-con electricity (as well as other elements), so we will be recommending to the stadium that they install this to save emissions and money.

SPOTLIGHT 1: KIT

PLAYER JERSEYS

THE MAIN FOCUS FOR THIS YEAR'S SUSTAINABILITY MATCH CENTRED AROUND KIT, AS KIT WAS THE FLAGSHIP SUSTAINABILITY INITIATIVE FOR SEASON 3, THROUGH OUR PARTNERSHIP WITH UAE-BASED SPORTS APPAREL MANUFACTURER, PALMFIT.

Throughout DP World ILT20 Season 3, players wore kits made from fully recycled materials, making Desert Vipers the first top-tier cricket franchise to our knowledge to achieve this feat.

This range – 'The Viper Line' – included items made from recycled polyester and cotton, reducing carbon emissions by approximately 50% compared to virgin (new) materials, and set a new benchmark for more sustainable sportswear in the UAE.

By making our kit in the UAE, the footprint was reduced by a further 8%. Water-based inks, print-on-demand methods, and kits packaged loosely helped to reduce the overall environmental impact further.

To visually highlight the partnership with PALMFIT and celebrate sustainability, players donned a specially-designed green kit for the Sustainability Match. The emissions from this kit have not been included in the analysis of this match, as the quantity was small compared to the Replica Kit.

COMMENTS FROM PALMFIT FOUNDER, HANISH BHATT

"There was a really clear vision with the Vipers that they wanted something that was sustainable and reduced emissions. We could deliver that vision to them. One of the key attributes that we looked at was whether the more sustainable kits would affect performance. So far, we have not seen players notice anything different; in fact, if anything, we have seen the performance improve".

SPOTLIGHT 1: KIT

FAN JERSEYS

IN SEASON 2, REPLICA KIT MADE UP 85% OF ALL KIT, MAKING IT THE SINGLE-LARGEST SOURCE OF PLASTIC BY SOME MARGIN, AS IT WAS MADE ENTIRELY FROM VIRGIN MATERIALS.

To address this, Replica Kit in Season 3 switched from virgin to fully (100%) recycled materials, reducing emissions by 51%, and saving 2.87 tCO_2e on the day and 17.42 tCO_2e throughout the season.

These kits were made out of plastic bottles from the same system that fans used to recycle their bottles at the Sustainability Match last season, meaning that fans played an active role in kit creation.

At the Sustainability Match, fans were encouraged to wear green and the fully recycled Replica Kits were swapped from red to green. By turning the entire stadium green, we were able to spread the sustainability message to fans both in the ground and at home, creating a celebratory environment.

Finally, in continuation from last season, fan jerseys were all packaged loosely, saving 17.64 kg of plastic compared if they had been individually wrapped. In addition, flags and caps were also packaged loosely this season, saving another 10.45 kg of plastic packaging versus last season.

SPOTLIGHT 1: KIT

KIT COLLECTION

DESERT VIPERS HAVE A ZERO KIT TO LANDFILL STRATEGY TO ENSURE THAT NONE OF OUR KIT ENDS UP IN LANDFILL, WHERE IT EMITS LARGE AMOUNTS OF METHANE - ONE OF THE MOST POTENT GREENHOUSE GASES. ACCORDING TO GREEN FOOTBALL, 951 FOOTBALL KITS ARE PUT IN LANDFILL EVERY SINGLE MINUTE IN THE UK, SO DESERT VIPERS WANT TO POSITIVELY ADDRESS THIS ISSUE.

In the Fan Zone at the Sustainability Match, we encouraged fans to drop their old kit in a recycling bin for donation or upcycling, through our partnership with Bat For A Chance. In return, fans would be entered into a competition to win a signed jersey.

However, despite advance posts on both Desert Vipers' and the League's social media, we didn't receive a single jersey, and a black bin bag was mistakenly placed in the bin! We will be looking for new ways next season to continue to offer solutions to prevent kit going to landfill.

SPOTLIGHT 2: FOOD

CHOOSING BETTER WITH CARREFOUR MAF

CARREFOUR MAF - DESERT VIPERS' SUSTAINABILITY IMPACT PARTNER - RAN AN ACTIVATION IN THE FAN ZONE AT THE SUSTAINABILITY MATCH, DISTRIBUTING HEALTHY AND SUSTAINABLY PACKED LUNCH BAGS TO OUR YOUNG FANS, TO PROMOTE HEALTHY AND SUSTAINABLE LIFESTYLE CHOICES.

This activation brought to life the partnership between Desert Vipers and Carrefour MAF, which ultimately aims to empower families in making healthier and more sustainable choices while nurturing the next generation's love for cricket. Providing nourishing and healthy food was key, as, several minutes later, fans participated in the 'Wake and Shake'.

SPOTLIGHT 2: FOOD

HOSPITALITY MENU – CARBON REDUCTION

RED MEAT AND DAIRY ARE KEY CONTRIBUTORS TO ENVIRONMENTAL IMPACTS, WITH EMISSIONS FROM PLANT-BASED FOODS 10 TO 50 TIMES LOWER THAN FROM ANIMAL PRODUCTS, ON AVERAGE.

Throughout Season 3, Desert Vipers requested to have no red meat (beef or lamb) served in hospitality areas, after a successful trial at Season 2's Sustainability Match. For the most part, this request was approved, with only a handful of lamb dishes spotted throughout the season, and no beef.

For the Sustainability Match, Desert Vipers went one step further and trialled removing dairy from the menu, requesting alternative, more sustainable options from the catering supplier at the stadium. This will have reduced the footprint from hospitality food; however, it is difficult to quantify the effect that this had on emissions, since the menu changes every match, and so there is no like-for-like comparison.

Finally, the stadium confirmed that no hospitality food goes to waste after matches, as it is given to the staff to enjoy after their work.

HOSPITALITY MENU – ENVIRONMENTAL AWARENESS

BEING SITUATED IN A DESERT, WATER RESOURCES ARE LIMITED. HOWEVER, OFTEN ENVIRONMENTAL IMPACTS SOLELY FOCUS ON CARBON EMISSIONS, AND IGNORE OTHER IMPORTANT ENVIRONMENTAL ISSUES, SUCH AS WATER.

For Season 3's Sustainability Match, we wanted to raise awareness about water resources, and so placed water footprint labels on all dishes in hospitality, showing the water used to make that dish. Even though some organisations, such as WWF, believe that water footprinting is not that helpful, the aim was to create an informative way to highlight to guests about the water footprint impact of their choices – something they may not have considered before, and so raise awareness about the issue.

'Water footprints' indicate the amount of freshwater that any given process or activity uses. Growing and processing crops and livestock consumes large quantities of water. Animal products tend to require more water than fruits, vegetables and beans, so have a higher water footprint.

SPOTLIGHT 3: ENERGY

AIR-CONDITIONING

IN SEASON 2, DESERT VIPERS FOUND THAT AIR-CONDITIONING (AC) ACCOUNTED FOR 35% OF OUR OVERALL CARBON FOOTPRINT. THIS IS DESPITE THE SEASON TAKING PLACE IN THE COOLER MONTHS OF JANUARY AND FEBRUARY.

This issue is not unique to Desert Vipers; AC accounts for about half of all electricity consumption in Abu Dhabi, and the Government of Dubai recommends setting thermostats at 24°C or higher. To address this, Desert Vipers used the Sustainability Match as an opportunity to trial initiatives to reduce emissions from AC. In hospitality areas, we implemented a trial to increase the AC temperature by 2°C. Each degree increase in temperature can save up to 8% on AC consumption. The results are shown:

	Non-Match Day	Match Day (2pm)	Match Day (6pm)
	Friday's Energy Use	Saturday's Energy Use	Sunday's Energy Use
Reading 1a (kWh)	1.1	2.2	2.8
Reading 1b (kWh)	0.4	0.5	0.5
Reading 2a (kWh)	2.3	4.6	6.3
Reading 2b (kWh)	6.1	9.2	10.2
Reading 3a (kWh)	3.1	4.7	6
Reading 3b (kWh)	5.2	7.2	8.6
Reading 4a (MWh)	8.1	8.6	5.7
Reading 4b (m^3)	101.3	116.9	81
	Total (kWh) = 26.3	Total (kWh) = 37.0	Total (kWh) = 40.1
	Total (MWh) = 8.1	Total (MWh) = 8.6	Total (MWh) = 5.7
	Total (m^3) = 101.3	Total (m^3) = 116.9	Total (m^3) = 81

Clearly, the trial was unsuccessful, which may be due to several reasons. Firstly, the system is operated manually. Staff may have turned the temperature back down, and control units wouldn't be checked again until the next morning. Secondly, Saturday's match was at 2pm, whereas Sunday's was in the evening. AC is set four hours before the first ball, so an earlier match uses energy for most of the day, and also when it is warmer outside.

Going forwards, we are exploring other initiatives, such as building / energy management systems or upgraded / serviced infrastructure to address the emissions from AC.

BIOFUELS

B5 BIOFUELS (5% BIOFUEL; 95% DIESEL) WERE USED IN THE PITCH MACHINERY AT THE SUSTAINABILITY MATCH.

80 litres of B5 fuel was used for pitch machinery and lawnmowers, and this amount lasted for about 1.5 weeks. According to the grounds staff, they were very happy. Thanks to Matthew Sandery and his team for implementing this change, and we hope they continue with this initiative all year round!

VIEW FROM THE FAN ZONE

THE FAN ZONE FEATURED LOTS OF FUN SUSTAINABILITY-THEMED ACTIVITIES, INCLUDING:

- A 15-minute 'Wake and Shake' to encourage fans attending to exercise.
- Free healthy & nutritious food for young fans participating in the 'Wake and Shake', provided by Carrefour MAF, our Sustainability Impact Partner.
- Free green fan jerseys made from 100% recycled polyester. On the back of each jersey was the number '0', to signify our commitment to get to Net Zero. This number had innovative messaging inside of it, which said 'Reduce', 'Reuse', and 'Recycle'.
- A kit drop-off point for fans to drop old, unwanted kit off in exchange for new kit.
- A cardboard cutout of our player, Dhruv Parashar, wearing our more sustainable PALMFIT kit.
- Cricket and sustainability games from our Schools Programme.
- Fan travel surveys for a chance to win signed merchandise.

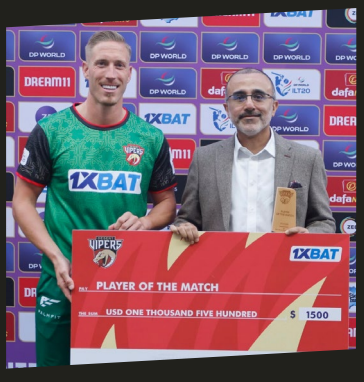
MIKE LOWRY, SHOWN ABOVE, HOSTING A 'WAKE AND SHAKE' STYLE FITNESS SESSION TO PROMOTE EXERCISE AND HEALTHY LIFESTYLES TO OUR YOUNG FANS AND GET THE ENERGY LEVELS PUMPING, READY TO SUPPORT THE VIPERS!

The Carrefour MAF 'CHOOSE BETTER' activation stand, and stilt walkers bringing the entertainment to the pre-match activities in the Fan Zone, wearing green, of course!

VIEW FROM INSIDE THE STADIUM

DURING THE MATCH, SEVERAL SUSTAINABILITY INITIATIVES TOOK PLACE, INCLUDING:

- Players wearing a special green jersey to visually celebrate all things green.
- Sustainability messaging on the LED boards, featuring 'Reduce. Reuse. Recycle'.
- The MC spreading sustainability messages at several points throughout the match.
- LED boards around the perimeter and at the team dugout turning green.
- Handing a Bluewater state-of-the-art reusable water bottle to the opposition at the Coin Toss.
- A wooden trophy for the Player of the Match, which coincidentally was Luke WOOD.
- Several dozen sustainability professionals were hosted in the Grand Lounge Hospitality, to learn more about sport and sustainability; some of them were attending their first ever cricket match!



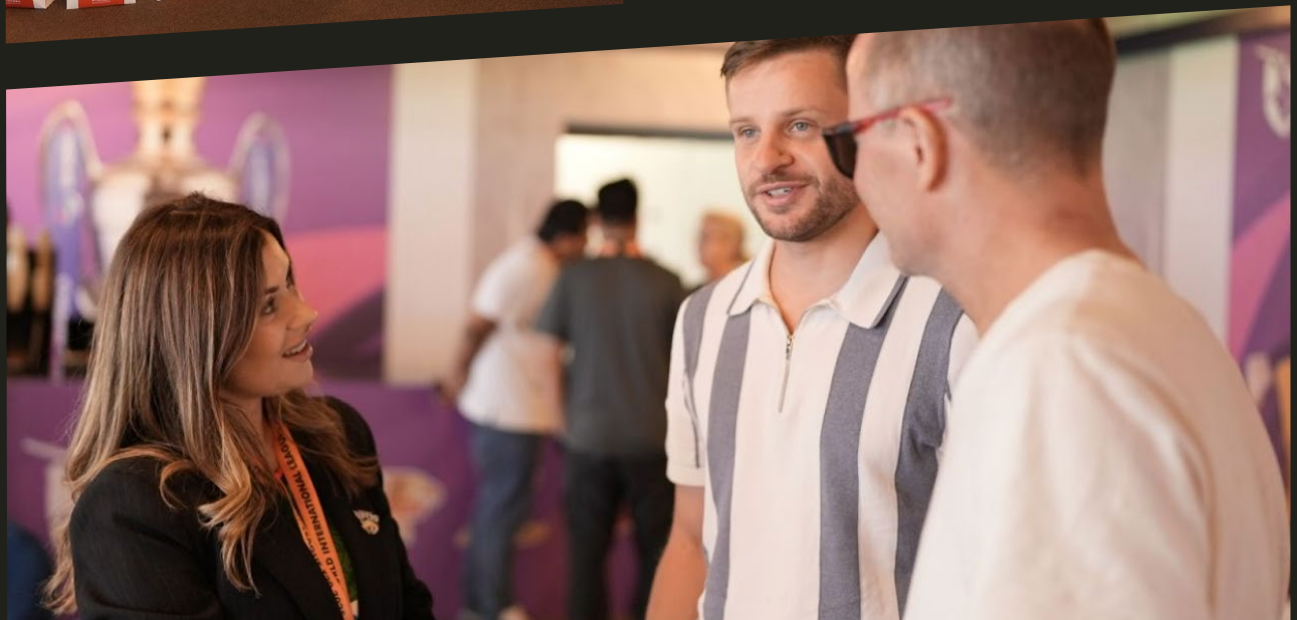
VIEW FROM INSIDE THE STADIUM

OUR KIT STORY BANNER

Our kit story banner and some items upcycled from Middlesex University Dubai were on display, and Desert Vipers staff entertained many guests in the Grand Lounge.

OUR REUSABLE BUSINESS CARDS

Head of Strategy, Matt Bailey, showing our ElphaTap business cards to guests. These reusable, wooden business cards save giving out multiple cards by downloading information digitally to phones.



LOOKING FORWARDS

The Sustainability Match had three objectives, which were successfully achieved through the initiatives.

1 Celebrate Desert Vipers' commitment to sustainability

Firstly, Desert Vipers' commitment to sustainability was celebrated, through turning the stadium green via green kits and green messaging. This season saw the addition of green graphics on the TV, and green LED boards for Desert Vipers' partners, so it was a more visual commitment to sustainability than last season. The 'Wake and Shake' activity in the Fan Zone brought even more energy and excitement this year, helping to create a celebratory feel to the day.

2 Trial new ways to reduce the environmental impact of cricket matches

Secondly, new ways to reduce the environmental impact of cricket matches were trialled. The focus was on initiatives which were easy to implement, inexpensive, and could be replicated elsewhere. Initiatives achieved all three of those goals. Firstly, switching to recycled materials in both team kit and Replica Kit is possible today, and through PALMFIT every sports organisation in cricket can purchase state-of-the-art performance kits made from fully recycled materials. Secondly, removing red meat and dairy from the menu both reduces the carbon footprint, but is often cheaper, and more inclusive, as some people can't eat meat and dairy for religious or allergy reasons. Finally, turning up air-conditioning saves money, and using biofuel blends in machinery was easy to implement. We hope that other cricket organisations learn from these findings and implement them themselves.

3 Showcase how sport and its partnerships can create purposeful & positive impact

Finally, Desert Vipers showcased how partnerships can create purposeful and positive impact. This started before the match, through partnering with PALMFIT to make kits from fully recycled materials for the season, and continued throughout the day, including delivering healthy snacks for children with Carrefour MAF and using incredible water bottles and water refill units with Bluewater. It even included smaller things such as business cards from ElphaTap, showing how Desert Vipers are working with partners of all sizes to promote sustainability. All guests attending will have seen these partnerships in action, so we hope to influence them to adopt sustainable practices in their own lives or businesses. We were also privileged to have a member from the ICC attend and chat to us about our work, so we hope that they, and cricket as a whole, also adopt some of the sustainability practices that were on display.

Looking forward to Season 4's Sustainability Match, Desert Vipers want to continue to raise the bar. We saw how initiatives in Season 2's Sustainability Match were implemented year-round in Season 3, so we would like to pursue the same for initiatives that we trialled this year during the whole of next season. We are always looking for partners to help us on our journey, as we aim to positively influence policy and people, making sport and society more sustainable.

2025 SUSTAINABILITY PARTNERS

DESERT VIPERS ARE PROUD TO HAVE FANTASTIC ORGANISATIONS SUPPORTING OUR SUSTAINABILITY EFFORTS, MANY OF WHOM HAVE HELPED TO LOWER OUR CARBON FOOTPRINT.

We extend an enormous thank you to all of them, as our work would not be possible without their support. If your organisation would like to get involved in helping Desert Vipers on their sustainability journey, please email sustainability@thedesertvipers.com.

Carrefour

PALMFIT

Bluewater

JA RESORTS & HOTELS

Cleveland Clinic Abu Dhabi
Brought to you by M42

The Plastic Pledge

BAT FOR A CHANCE

SUSTAINABILITY SUPPLIERS

carbon happy world™
SUSTAINABILITY MADE SIMPLE

DETRASH

ELPHATAP

Minimalist

APPENDIX

Element	Emissions ($kgCO_2e$)	Assumptions	Uncertainty
Kit			
League T-Shirts	5,153	5,000 jerseys (100% virgin polyester) at 100 g each given out = 500 kg (100% virgin polyester) 5,000 polythene packages for these shirts, at 5 g each = 25 kg polyethene	Medium
Replica Kit (Desert Vipers)	2,760	2,775 adult jerseys (100% recycled polyester) at 100g each given away = 277.5 kg. 753 child jerseys (100% recycled polyester) at 85g each given away = 64.005 kg. 2,010 flags (100% recycled polyester) at 45g each = 90.45 kg. 2,000 caps (100% recycled polyester) at 60g each = 120 kg. Total = 551.955 kg (100% recycled polyester) Plastic packaging saved = (2,775 x 5g) + (753 x 5 g) + (2,010 x 5 g) + (2,000 / 25 x 5g) = 28.09 kg polyethylene saved	Low
Stadium			
Air-Con Coolant	1,086	We received no data from Dubai Stadium. However, in January 2024, Sharjah Stadium used approximately 5 kg of R22 gas. Dubai Stadium is 1.5x bigger than Sharjah Stadium, so coolant use is expected to be 7.5 kg. There were 12 matches in Dubai Stadium in January 2025, therefore per match, R22 coolant use = 0.6 kg	High
Electricity – Air-Con	3,251	Saturday's meter reading: 53172.4 MWh. Sunday's meter reading: 53181.0 MWh Difference = energy use = 8.6 MWh = 8,600 kWh	Medium
Electricity – Other	14	Saturday's meter readings: 3225.1, 3998.4, 7765.4, 29935.6, 10472.4, 22779.3. Sunday's meter readings: 3227.3, 3998.9, 7770.0, 29944.8, 10477.1, 22786.5 Difference = energy use = 2.2 + 0.5 + 4.6 + 9.2 + 4.7 + 7.2 = 37.0 kWh	Medium
Fertiliser	15	Dubai Stadium purchased 80 L of liquid fertiliser in January 2025, during which time there were 12 matches in Dubai Stadium. So the fertiliser per match is estimated to be 6.7 L liquid fertiliser.	Low
Fuel – Pitch Machinery	53	80L of B5 fuel (5% biofuel, 95% diesel) was used on a trial basis (usual fuel is 100% diesel). Auditing showed that 80 L of fuel lasted about 1.5 weeks, during which time there are, on average, four matches at the Dubai Stadium. Therefore, fuel use per match = 20 L B5 fuel.	Low
Fuel – Generators	5,063	We received no data from Dubai Stadium. However, in January 2024, Sheikh Zayed Stadium in Abu Dhabi used approximately 18,000 litres of diesel for generators. Dubai Stadium is 1.25x larger than Sheikh Zayed Stadium, therefore fuel use is expected to be 22,500 L across a month. There were 12 matches in Dubai Stadium in January 2025, therefore fuel used for generators per match is estimated to be 1,875 L diesel.	Very High
Hospitality Drink	725	In off-pitch areas, franchises must provide 3,504 bottles of 500ml water and 1,848 bottles (500 ml) of soft drinks per home game. If we had not partnered with Bluewater for an on-pitch solution, we would have to supply another 960 bottles of 500ml water for our players per game. These 3,504 bottles of water were from Arwa and Bisleri, with each product weighing 15 g and made from virgin PET. Water = 52.56 kg of plastic and 1,752 L of water The soft drinks provision consisted of 1,752 virgin PET bottles (15 g each) of soft drinks and 145 cans (12 g each) of soft drinks. Soft drinks = 26.28 kg of plastic, 1.74 kg of aluminium and 924 L of soft drinks	Low
Hospitality Food	2,458	Emissions = 2,458 $kgCO_2e$. There are a lot of assumptions and estimates in this figure, which would be too many to list in this report. For this information, please email sustainability@thedesertvipers.com	Medium
Waste	6,744	Auditing of the venue showed that 1,625 kg of general waste, 138 kg of cardboard recycling, and 15 kg of plastic recycling was collected each match.	Medium
Water	27	Sharjah Stadium used 152m^3 of water in January 2024. Dubai Stadium is 1.5x bigger than Sharjah Stadium, so assuming that 228m^3 would have been used during January 2025. There were 12 matches in Dubai Stadium during January, so per match they are estimated to use 19 m^3 of water.	High

APPENDIX

Element	Emissions ($kgCO_2e$)	Assumptions	Uncertainty
Travel			
Fan Travel	3,315	Fan bus information (number of buses, type of buses, fuels, and number of fans from the League & DV Partner showed that buses = 5,082 km = 635 litres (100% diesel) Fan travel surveys to model travel for other fans showed that: Cars = 8,750 km (assuming average petrol car), and Taxi = 951 km (assuming average petrol hybrid car).	Medium
Home Team Travel	98	Team bus & family bus distance and fuel information received showed that:. Family bus: 69 km - 13.8 L - 100% diesel Team bus: 69 km - 23 L - B5 diesel	Low
Away Team Travel	99	Team bus & family bus distance and fuel information estimated based on DV's info: Family bus: 69 km - 13.8 L - 100% diesel Team bus: 69 km - 23 L - 100% diesel	Medium
Water	27	Sharjah Stadium used 152m^3 of water in January 2024. Dubai Stadium is 1.5x bigger than Sharjah Stadium, so assuming that 228m^3 would have been used during January 2025. There were 12 matches in Dubai Stadium during January, so per match they are estimated to use 19 m^3 of water.	High

GLOSSARY

HERE ARE SOME OF THE TERMS USED IN THIS REPORT:

CARBON DIOXIDE (CO_2)
A gas in our atmosphere, measured in parts per million (ppm), which is the leading cause of most greenhouse gas emissions

CLIMATE CHANGE
Long-term shifts in temperature and weather patterns. Since the 1800s, human activities have been the main driver of climate change, primarily due to the burning of fossil fuels (like coal, oil, and gas), which produces heat-trapping gases

CARBON FOOTPRINT
The value showing the total amount of greenhouse gases from an activity or organisation.
It is commonly reported in tonnes (or kilograms) of carbon dioxide equivalent

DP WORLD ILT20
The DP World International League T20. The UAE's premier cricket tournament

EMISSIONS
The release of greenhouse gases through activity into the atmosphere. This is commonly referred to as carbon emissions

ENVIRONMENTAL IMPACT
The (negative) effects of actions on the natural components of the planet

$kgCO_2e$
Kilograms of carbon dioxide equivalent. A unit of measurement with which to measure your greenhouse gas emissions

ICC
International Cricket Council. The governing body of cricket

Net Zero
Defined by the IPCC as the point when human-made emissions of greenhouse gases to the atmosphere are balanced by human-made removals, over a specified period. Typically, this means reducing emissions by 90% against a baseline year, & then offsetting the remaining 10%

S2
Season 2 of DP World ILT20

tCO_2e
Tonnes of carbon dioxide equivalent. A unit of measurement with which to measure your greenhouse gas emissions

CARBON FOOTPRINT COMPARISONS
2.1 tCO_2e – The average annual CO_2e emissions per person in India

21.6 tCO_2e – The average annual CO_2e emissions per person in the UAE

327.8 tCO_2e – The carbon footprint of Edgbaston's Go Green Game in 2023

490,000 tCO_2e – The carbon footprint of Euro 2024

1,590,000 tCO_2e – The carbon footprint of the Paris 2024 Olympics

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