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13/01/2026

The Leading Edge

Welcome



Polar Technology is an engineering business operating at the leading edge of composite and metallic technology. Our vision as a business is to create enabling technologies for a safer, sustainable future for us all.

We deliver innovative, technology-based solutions around advanced composite materials, emerging metal processes and metallic fabrications, through our brands [Lentus Composites](#) and [SST Technology](#), from the Horizon Technology Park in Oxfordshire, UK.

In this latest edition of our quarterly newsletter, we breakdown the networking event we hosted in partnership with Make UK Defence, highlight some exciting new contracts and product innovations and look ahead to what Q1 has in store.

Please read on to find out more...

Visit our website

Hosted Member Networking Event with Make UK Defence



In November, we hosted a Member Networking Event at our site, in partnership with Make UK Defence, showcasing our expertise in advanced composite and metallic technology.

The event featured presentations from:

- Nigel Kidd from BAE Systems on the Striker II Helmet Programme
- Steve Austen from Supacat on the ROPS Structure for the Jackal 3 Programme

It was a great experience to host fellow members of the Defence industry, and showcase our facilities, and we received positive feedback from our attendees. It has also further solidified our valuable relationship with Make UK Defence, which is crucial as we continue to grow in the Defence market.

Find out more

Business Updates

Exhibiting at DPRTE



We are exhibiting at DPRTE 2026, at the Farnborough Exhibition and Conference Centre, on the **25th-26th March 2026**.

You can find us at Stand M15 on the Make UK Defence pavilion, so if you're planning to attend the event, please come and chat to our team.

MBDA Supplier Award



At a MBDA Supplier Day in Q4 last year, we were awarded the "Commitment" supplier award as an acknowledgement for achieving 100% on-time, right-first-time delivery.

Hydrogen Vessel Development



We have passed some major milestones in the development of our novel Hydrogen storage cylinders.

We commenced winding of the vessels, and the first iteration have now successfully passed a fatigue test.

These vessels will have market leading gravimetric efficiency, with dramatic implications for UAV range and performance.

NASCAR Contract Renewal



We have recently secured a contract renewal with NASCAR for a further five years, taking supply out to the 2031 season.

This means we will continue as the single source vendor of the composite prop shaft assembly to the NASCAR manufacturers.

People Updates

As ever, it's been a busy few months of activity at Polar Technology. We finished up our fundraising efforts for the year, and we're delighted to announce that we have raised approximately **£2500** for our chosen



charity for 2025, Helen & Douglas House.

At our final all-hands meeting of the year, we celebrated our Long Service Award winners. These awards are for our employees who have completed five and ten years of service and is deserved reward for their outstanding dedication and loyalty.



Meanwhile, some of our colleagues have represented Team Polar in local runs, including the Oxford Half-Marathon and Eynsham 10K. And finally, we got into the festive spirit, taking part in Christmas Jumper Day and hosting a Xmas Bake Sale + Crafts Fair!



Insights



Polar Technology In The Community

[Read article](#)



Five Benefits of Filament Winding

[Read article](#)



Five Benefits of Advanced Precision Fabrication

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Upcoming Events

JEC World
10th-12th March 2026

[Go to event](#)

MIA EEMS
24th March 2026

[Go to event](#)

DPRTE
25th-26th March 2026

[Go to event](#)

Did you know...

We are proud to represent the Oxfordshire business community and recently attended an event hosted by Advanced Oxford at the House of Commons to highlight the innovation happening in the Advanced Manufacturing sector and the obstacles hindering further progress.



Polar Technology take pride in being 100% GDPR compliant. All your data is handled in strict compliance with EU data protection laws. You have previously voluntarily provided your data to us, either through a previous networking event, email correspondence, or through subscribing or enquiring through our website. Further information can be found by reading our

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