



Latest news from HERU headquarters

Message from Nik

Our newsletter is dedicated to the engineering brilliance of David Morton, one of our design engineers, who so sadly passed away suddenly on the 20th April 2022. Dave's passion for quality engineering and the HERU Technology, was evident in his design work.

I began to wonder if after 8 years into the HERU design and testing, we were progressing too slowly. Katherine Bennett MBE, CEO of the High Value Manufacturing Catapult suggested that I read James Dyson, *Invention: A Life*; 5,127 prototypes and 15 years to bring the bagless vacuum cleaner to production. The book was way beyond an inspiration and helped enormously

The pre-production commercial HERU is now in manufacture. I have been visiting the brilliant companies in the UK manufacturing the various sub-assemblies. The engineering capability, talent and enthusiasm we have in the UK is incredible, not surprising they are all so busy! A huge thank you to you all. We look forward to assembling in the coming weeks, in readiness for testing before presenting for the UKCA & CE certification process.

Kind regards

Nik



Welcome Andrew Dunbabin, Software & Controls Engineer

At the start of 2022 we were delighted to welcome Andrew Dunbabin as our Software & Controls Engineer.

Andrew joins the HERU Team with a wealth of knowledge in data logging and reporting and a thorough understanding of modern process instrumentation and all major industrial control networks using redundant and safety systems. Previously working with clients to include Babcock, Cougar Automation and Gestamp.

"Working on the HERU I have drawn on my thirty years of experience as an Electrical Control and Instrument Engineer. The work is both challenging and rewarding, using some of the latest control solutions and knowing that the finished product will have such a positive impact on the world. I would say it's the most interesting and rewarding work I have undertaken."



Welcome Mark Bharucha, Design Engineer

We are also delighted to welcome Mark Bharucha to our Design Engineer Team.

Mark has over 30 years' mechanical design experience, designing and draughting products such as domestic heating systems, industrial equipment and robotic solutions for nuclear waster, recently working on a project for Fukushima Daiichi Nuclear Power Plant.

Mark will be working on the manufacturing design for the 35 litre HERU, developing existing design and learning taken from the 125 litre HERU.

"This is one of the most exciting projects I've been involved with in my career, the HERU is potentially a significant game changer – "shifting the sands" across several industrial sectors to benefit the environmental issues, which we all have a responsibility towards. The dedicated team and Nik's enthusiasm is infectious – making this a great place to be."

Please do head on over to the [HERU website](#) for further information



OFWAT Innovation Competition

The HERU Team were delighted to be chosen to supply an early adopter commercial HERU unit as one of the Ofwat Innovation Competition winners, to process materials discarded to the sewer to include plastics, baby wipes etc. We are excited to be working with Severn Trent Water, Dŵr Cymru Welsh Water, United Utilities, Thames Water, The University of Huddersfield, Southern Water and Stantec.

Worcestershire County Council Low Carbon Opportunities Grant

In March this year we were pleased to be successful in obtaining funding towards the accreditation of HERU via the Low Carbon Opportunities Grant, administered by Worcestershire County Council. This funding will help progress the HERU through certification later this year. As always the support from organisations such as Worcestershire County Council is critical to HERU's success.
