

# Sellafield big winners at global awards

The company has won 4 awards at the prestigious Institute of Chemical Engineers (IChemE) event and a highly commended in the 'Research Project' category.

The annual event celebrates the achievements of chemical engineers around the world.

The 'Process Safety Award' went to Sellafield Ltd employee, Joe Hayward, a process responsible engineer in retrievals, for his MSSS entry – helping to solve the site's decommissioning challenges.

The 'Team Award' went to Sellafield Ltd for 'Collaborating to Develop Nuclear Chemical Engineering Skills' entry, which was collected by process engineer Kathleen Feller. This entry celebrated the collaboration between Sellafield Ltd and Loughborough University in developing our engineering skills and capability.

Simon Malone, a technical assurance manager at Sellafield Ltd, came away with a highly commended for his research project 'SMART Sensors in Can Monitoring'.

And the night was topped off with Sellafield Ltd and the National Nuclear laboratories, in a joint entry, picking up the 'Overall Achievement Award' for its winning entry 'Process Flow Smoothing Optimisation of Nationally Critical Nuclear Infrastructure', which was submitted by process engineer, Jack Newton.

The 'Overall Achievement Award'.

Martin Chown, chief executive officer, Sellafield Ltd said:

These awards are a clear demonstration of the contribution our chemical engineers are making to our purpose and is a testament to our long-standing collaboration with our partners.

I'm so proud to see that our professional chemical engineering community are doing great things. Congratulations to all our deserving winners.

Chief process engineer, Sellafield Ltd, Elisabeth Cooke said:

Congratulations to all finalists and our own winners. This is great achievement for all the authors and winning teams who contributed

to representing us at these global awards.

To be recognised on this scale is tremendous and for all their contributions to make Sellafield a clean and safe environment for future generations.

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## Graves of two soldiers killed in northern France rededicated

The services, which were organised by the MOD's Joint Casualty and Compassionate Centre (JCCC), also known as the 'MOD War Detectives', were held at the Commonwealth War Graves Commission's (CWGC) Fosse 7 Military Cemetery (Quality Street) and Bancourt British Cemetery on 17 November.

The graves of both men were identified after two members of the public, Alan Gregson (for Pte McLean) and Andrew Pugh (for LCpl Smith) contacted the CWGC presenting evidence suggesting they had been found. Further research conducted by the National Army Museum and JCCC confirmed their findings.

Nicola Nash, JCCC case lead said:

Today we stood in two beautiful cemeteries and heard nothing but birds and the distant rumbling of everyday life. A very different scene would have faced our two soldiers over a hundred years ago, when these two men made the ultimate sacrifice for their country. Having their families attend today just shows that their sacrifices will never be forgotten and they will always be remembered with grateful thanks by us all".

The rededication services for both men were attended by members of their families.

Philip Maclean, great nephew of Pte McLean said:

The re dedication service for our Gt Uncle James was a moving and emotional experience. We are so pleased as a family he is no longer a missing soldier. We would like to thank the MOD, CWGC and the Army for their considerable efforts".

Malcolm Clague, grandson of LCpl Smith said:

The families of Brunton Hunter and Malcolm Clague wish to thank everyone for the very poignant and fitting service for our grandfather who gave the ultimate sacrifice.

We thank the Commemorations team for your hard work and for bringing together representatives of the Regiment, the Padre and the CWGC. We were especially touched by the presentation of the flag by the Military Attaché from the British Embassy Paris as a tribute to the life given by L/Cpl Brunton Smith. A moving act of remembrance for which we offer our grateful thanks to all and will recall with gratitude in the years to come".

The services were conducted by the Reverend Timothy Clarke-Wood CF, Chaplain to 4th Battalion The Royal Regiment of Scotland and were attended by serving soldiers of the same regiment.

The Reverend Clarke-Wood said:

There are key moments in our shared history that stand as vital. When within the tragedy of such epic loss as WW1, we can in our present take time to honour and consider the individual who has died – we are on the right track. The celebration of inherent human dignity is found in such moment as the rededication of our fallen heroes".

The headstones over their graves have been replaced by the CWGC. Liz Woodfield, Director of External Relations at CWGC, said:

We thank Mr Gregson, Mr Pugh and the National Army Museum for their research and dedication in helping to identify the graves of Pte McLean and LCpl Smith. We are privileged to honour these two brave men who made the ultimate sacrifice fighting for their country. We will care for their graves in perpetuity.

How they died

LCpl Smith joined the 8th Battalion, Royal Scots in 1915. He spent almost all of the war along the Western Front, in France and Belgium. On 21 March 1918, some 6,500 German guns and 3,500 heavy mortars opened up a huge 5-hour barrage against the British 3rd and 5th Armies on the Western Front. Although the Allies knew an attack was imminent, they did not know where and how the main attack would occur. The German tactics succeeded and on the first day, British casualties amounted to 38,500 men. The Germans pushed the British back several miles, with heavy casualties inflicted during their fighting retreat. During 23-26 March, German successes continued with the capture of Peronne, Bapaume and Albert. On 24 March, as LCpl Smith's battalion were withdrawing through Bapaume, he was one of the casualties lost during the continual artillery bombardment and fighting.

Pte McLean was living in Invergordon when he joined the 10th Battalion, Gordon Highlanders. Referred to at the time as 'the big push', the Battle of Loos was the biggest British attack of 1915 and saw the first engagement of New Army units. Five battalions of the Gordon Highlanders saw action in this battle, with a further two involved in a subsidiary attack in Hooze, north of the Loos battlefield. Just two days before this battle began, on 23 September 1915, the 10th Battalion, Gordon Highlanders were in the front lines facing Loos-en-Gohelle. The day was spent listening to the near constant, heavy artillery bombardment of the enemy trenches. During the afternoon, the battalion 'shewed their bayonets and cheered' to trick the enemy into thinking an attack was imminent. It was during this day that Pte McLean tragically lost his life.

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## Protecting the marine environment is vital say public

Whether its rambling along coastal paths, walking the dog or visiting coastal heritage sites, a new survey has revealed the overwhelming value the public feel the marine environment offers to their mental and physical health. However, around half of the 12,000 people surveyed also expressed concern about our seas, with over 80% of those taking part saying how crucial it is to protect our ocean.

Almost 70% of people see marine litter and plastic pollution as the greatest threats to our marine environment, with over half saying they believe regulating the use of single use plastics is one of the main ways we can address these issues. The public continue to take action at home, with roughly 4 out of 5 recycling more over the last 12 months, and 70% reducing their use of single use plastics.

The survey, published by Defra in collaboration with the Ocean Conservation Trust, the Scottish Government and Natural Resources Wales, sheds light on public awareness, knowledge and attitudes surrounding the marine environment.

### **Minister for Marine, Lord Benyon said:**

"This survey highlights the immense value that the general public place on our ocean and marine environment as well as their willingness to take action to help to preserve it.

"As a government we are determined to continue to build on the protective measures we already have in place in our Marine Protected Areas alongside introducing further restrictions on single use plastic.

"We are also championing the goal of protecting 30 per cent of the global ocean by 2030 to help conserve our marine environment that is evidently

precious to many.”

Roughly 4 in 5 people believe spending time in the marine environment results in good mental health; and over half found it to be a good source of social connection and a way to spend time with family and friends. Around 70% believe visits to the coast are also good for their physical health. England’s coastal path, being established by Natural England, will be the longest continuous coastal walking route in the world once complete, and a previous [report](#) from Natural England found that 97% of people felt refreshed and revitalised as a result of their visit.

The survey also shows that the public consider the ocean and marine environment as fragile resources that are highly valuable when it comes to education, general life enjoyment and overall wellbeing. Many of the respondents have carried out activities to protect the environment, including changes to lifestyle choices and signing petitions, and over 80% said they support the creation of Marine Protected Areas.

**Nicola Bridge, Head of Advocacy and Engagement from the Ocean Conservation Trust said:**

“As an Ocean conservation charity, understanding Ocean Literacy levels in the UK is vital to help us to protect the future of our Ocean. Someone who is Ocean literate is more likely to act in ways that support the health of our Ocean. At the OCT, our goal is to support as many people as possible to connect to the Ocean, becoming ‘Ocean literate’ and thinking about their impact on the Ocean in their daily choices.

“The results from this survey will be an important tool to help us shape our public engagement and education programmes. It is uplifting to see more and more people taking action to increase their positive impact on the Ocean, which is a great baseline for us to work from.”

In June this year, the UK Government joined other world leaders at the UN Ocean Conference to announce new initiatives to protect the global marine environment, marking a significant step forward in our mission to protect at least 30% of the global ocean by 2030. At home, the UK has a strong track record in marine conservation, with 374 Marine Protected Areas (MPAs) already in place. The comprehensive network of MPAs provides protection for just over 38% of UK waters, and in England, nearly 60% of the 178 English MPAs are already protected from damaging fishing gear, with the aim to have all 40 offshore sites protected from damaging fishing activity by 2024.

The UK has also been a leading voice in attempts to tackle marine plastic pollution, [co-sponsoring a proposal to prepare a new treaty](#) and being a founding member of the High Ambition Coalition to End Plastic Pollution, a group of more than 30 countries calling for a target under the treaty to stop plastic from flowing into our lands and ocean by 2040. This builds on the UK’s world-leading efforts to tackle plastic pollution at home. We have so far introduced a plastic packaging tax on packaging that contains less than 30% recycled plastic, a ban on microbeads in rinse-off personal care products, and measures to restrict the supply of plastic straws, plastic

drink stirrers and plastic-stemmed cotton buds.

This report follows the first meeting of the [UK Dialogues on Ocean Plastics](#) this month which marked a major step in developing a legally-binding global treaty that aims to end plastic pollution by 2040.

It also comes shortly after COP27 where the UK Government has [continued to push for progress on ocean commitments](#), including announcing an additional £12 million to the Ocean Risk and Resilience Action Alliance (ORRAA) to help protect our ocean and vulnerable coastal communities.

Notes to editors:

- The Defra Ocean Literacy headline findings report will be available online shortly. For a copy of the report, please email Defra press office.
- The Scottish Government Ocean Literacy headline findings report can be found [here](#).
- The Natural Resources Wales Ocean Literacy headline findings report can be found [here](#).
- The term 'Ocean Literacy' means an understanding of the ocean's influence on a person and their influence on the ocean. Across England, over 7000 people over the age of 16 participated in the online survey; over 3,000 people responded to the Scotland survey; and over 2,000 people responded to the Wales survey.
- Following a pilot survey in 2021, this is the first year that Scottish Government have taken part in the survey, and Northern Ireland also plan to develop their own, making this a nationwide endeavour to tackle issues related to the marine environment. The survey will be conducted every two years, allowing the government to track behaviours and attitudes over time.

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## [DASA seeks deployable anti-submarine warfare technologies](#)



- DASA has launched a new Market Exploration: Project CHARYBDIS

- Launched on behalf of the Royal Navy
- This Market Exploration is seeking technical solutions to deliver persistent, deployable uncrewed maritime assets

The Defence and Security Accelerator (DASA) is pleased to launch a new Market Exploration as a workstream of Project CHARYBDIS, which seeks systems and technologies that could deliver persistent, deployable uncrewed maritime assets.

This is one workstream of Project CHARYBDIS, which is being delivered by DASA & the [Submarine Delivery Agency \(SDA\)](#) on behalf of the [Royal Navy](#).

This [Market Exploration](#) is run on behalf of the Submarine Delivery Agency (SDA), and project CHARYBDIS is part of Navy Command's ASW Spearhead Programme. In support of this the SDA have commissioned DASA to search for related innovative technologies and sub-systems. The SDA are separately commissioning concept studies from suppliers with expertise in overall integrated ASW systems, which is being advertised through the [Defence Sourcing Portal](#).

If you don't have a login you can still access this from the homepage:

- on the DSP homepage select 'View DSP Opportunities'
- select the drop down arrow on 'Enter Filter'
- select 'Project Info'
- insert 705492450 into 'Value' section
- search

Suppliers are welcome to participate in either or both workstreams.

Do you have an innovative solution? [Read the full Market Exploration now and submit your idea.](#)

## **Exploring underwater security systems and their capabilities**

Our Market Exploration aims to identify, prototype, trial and deliver technologies that could support persistent deployable uncrewed capabilities to detect, classify, localise, and report underwater hostiles with a focus on wide areas of ocean.

We are looking for innovations (covering related technologies and systems) that could credibly result in an improvement to uncrewed anti-submarine warfare capability, focusing on the following areas:

- Sensors for underwater hostile threats, or their signature.  
E.g. active acoustic, passive acoustic and non-acoustic.
- Platforms including uncrewed seabed, underwater, surface and air.  
E.g. Overall structures, mobility options, tethering.
- Analysis including on-board uncrewed platforms, and off-board.  
E.g. Data management, structuring and processing.
- Communication including in-water, above-water, through surface and

tethered.

E.g. associated software, firmware, hardware and integration (e.g. standards).

- Launch & Recovery solutions across all domains and locations  
E.g. Crewed and uncrewed options to deploy and recover systems
- Power sources spanning generation, storage and transfer.  
E.g. Renewables and Non-renewables.
- Station-keeping and Propulsion, spanning related platforms  
E.g. Tethering, Anchoring, Traditional rotary propulsion, Buoyancy systems, Biomimetics.
- Navigation, including internal and external.
- Data, including collection, processing, storage, management and wiping.
- Maintenance and sustainment options.
- Training, options including relevant simulations.
- Validation, options including test-targets.

## Key dates

This market exploration is currently open. The deadline to submit proposals is midday on 20th January 2023.

## Submit your innovation

Your innovative solution could help support the Royal Navy in their endeavours to maximise their operational advantage over adversaries. Innovations with a particular focus on leveraging advances in autonomy, and exploring new solutions beyond the current mixture of fixed infrastructure, short-term sonobuoys and high-value crewed platforms, will ensure the Royal Navy maintains their battle-winning edge.

[Read the full Market Exploration document and submit your innovative solution.](#)

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### 1. 21 November 2022

Instructions on accessing the Defence Sourcing Portal (where the SDA are separately commissioning concept studies) has been added to the introduction/summary section at the front of the article.

### 2. 18 November 2022

First published.

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# Bus Operator ordered to provide free services

Press release

Stagecoach Devon Ltd, trading as Stagecoach South West, has been ordered by the region's Traffic Commissioner to provide free transport in Exeter for two weekends before Christmas.



The company attended a public inquiry over two days in June and October this year. A DVSA investigation found that around 21% of services were not running to timetable. The figure was accepted by the operator who put the cause down to a lack of drivers despite efforts to recruit and retain.

In his written decision following the inquiry, Traffic Commissioner Kevin Rooney noted that this was not a case of buses running more than one minute early or five minutes late (the accepted "window of tolerance") but one of buses not running at all. Stagecoach's own evidence was that between six and nine percent of registered mileage had been lost. He found that the operator had not been quick enough to act and was also critical of the information available to passengers. He set the shortcomings against the significant lack of drivers across the bus and coach sectors since the pandemic and EU exit, and the significant recent action to recruit and retain drivers.

In making the order for free services, estimated to cost around £120,000, Mr Rooney also recorded the company's intent to keep a member of staff available at peak hours at Exeter Bus Station.

The decision can be found [here](#).

For any further details or enquiries, please contact:

Email: [pressoffice@otc.gov.uk](mailto:pressoffice@otc.gov.uk)

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