

Calling all robots – Sellafield challenges launched



Robots are already in use at Sellafield. For example the Avexis (pictured) offers the ability to 'see' inside a waste silo via cameras attached to its body.

People from across Sellafield Ltd and the supply chain gathered at a robotics and innovation event in West Cumbria today to hear how the development and innovative use of technology is key to the clean-up of Sellafield.

Working alongside the [Robotics and Artificial Intelligence for Nuclear hub](#), one of 4 robotics hubs in the UK, Sellafield Ltd is developing, testing and deploying new robotics systems fit for nuclear environments.

This investment is already making a difference at Sellafield, including robotic systems that are:

There are also plenty of opportunities for the supply chain to bring their innovations to Sellafield.

Three specific opportunities were launched at the robotics event:

- Deployment techniques to allow remote working at height in high hazardous areas
- Autonomous removal of Special Nuclear Material packages from a store to a transport container for export
- Remote inspection of Special Nuclear Material packages

[More information on the challenges can be found on the Game Changes website.](#)

Dr Frank Allison from Game Changers said:

The event highlighted the ways in which robotics and artificial intelligence can be used within Sellafield to support decommissioning. There were exhibitions of cutting-edge robotic technology and three new exciting challenges are now open for the supply chain to find solutions to.

It brought together people from a wide variety of organisations and industries and we're looking forward to nurturing new relationships and paving the way for some really innovative thinking.

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