

Drone Footage at Alston Sheep Show

5GRIT was pleased to be able to display the drone footage captured by Blue Bear Systems Research at the Alston Sheep Show earlier this month. The footage captured by flying over a local sheep farm demonstrates the 5GRIT livestock monitoring service that will assist farmers in counting and locating their flock.



Sheep photographed from 400m

The event was a big success and the idea attracted positive interest from local livestock farmers. 5GRIT will work further with farmers on developing this and other 5G powered agricultural services.

5GRIT Leads on Physical Security Collaborative Project

The project will focus on physical security concerns that 5G will present in both rural and urban settings. It will work on the protection of personnel, hardware, software, networks and data from physical actions and events that could cause serious loss or damage to an enterprise, agency or institution.

For 5GRIT, an important factor will be the protection of TV White Space equipment

installed on farms and other rural locations from damage and theft. The project is working with the rural police and small businesses to find out how 5G could improve security.

VR and AR Tourism

5G offers opportunities to trial immersive technologies such as VR and AR (Virtual and Augmented Reality) which can take visitors into places that would be difficult or dangerous to access, or back in time to see places when they looked very different.

In this way we can deepen the visitor experience at a site, bring its history to vivid life and prolonging visitor stay and spend in the locality.

The North Pennines project is using audio in the WAM app to add colour to local information and using VR to bring alive the old Corn Mill in Alston showing the massive 1815 waterwheel and the factory that lives behind its inaccessible walls.



Alston Corn Mill

The project will also be filming in the lead mines in the hills above Nenthead to take

visitors on a guided tour to some very dark, deep and muddy places and bringing history to life using Augmented Reality actors recreating people from the area's past at Alston, Nenthead, Ninebanks and Allenheads.

Films have already been produced using 3D modelling showing the workings of the Allenheads mine-yard and this will be accessed as part of the 5GRIT project at the Old Forge in Allenheads.

WAM Finalist for Best 'Travel Technology Product'



World Around Me was a runner up for best travel technology product at the 2018 Global Youth Travel

Awards, which took place in Edinburgh 21st September.

Broadband Installation

The first base stations have been successfully installed and are being tested in Alston, Loch Leven, and Bardney.



5GRIT at the mast on Mt Hooley, Alston

5GRIT Features in Der Spiegel Magazine

International interest as 5GRIT is interviewed by Der Spiegel journalist Frank Patalong, who was particularly interested in Alston, its social enterprise sector and technologies.

There was a demonstration of the WAM app among other technologies. The article will be published in September.

Find out more...

5GRIT will be presenting at the Independent Networks Association Conference in London 5th & 6th November – www.inca.coop and the 4th UK Wide Infrastructure Investment Showcase on 31st October <https://ukwideinvestment.com>



Livestock farmers with Blue Bear drone pilot in Alston.



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