



Standards: ARPAS-UK Activities 2017

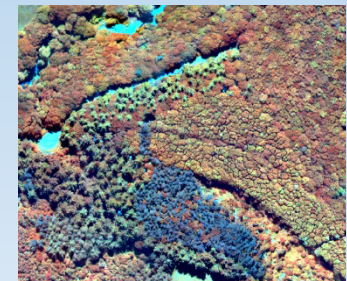
Presentation to Drone IAG
27th April 2017

Matt Lee, Standards Director



Context of ARPAS-UK

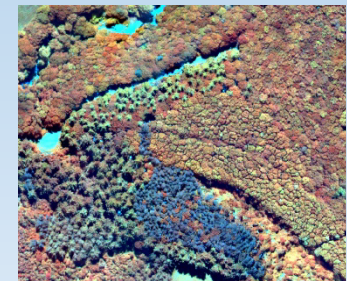
- ARPAS-UK is one of the 2 UK professional bodies of the fast evolving commercial RPAS industry, working on behalf of its members to influence regulation and promote safe operational best practice.
- Current membership of ARPAS-UK comprises around 500 organisations from operators through NQEs to consultants.



Context of ARPAS-UK

The top 5 ARPAS Member industry sectors, taken from the 2016 ARPAS membership survey, are:

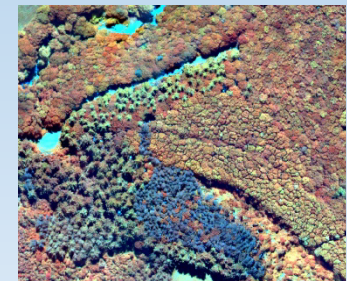
- 65% Building and Structures Inspection
 - 62% Other Aerial Photography / Video
 - 46% Land Surveying / Mapping
 - 44% TV & Movie Filming
 - 28% Distributed Infrastructure Inspection (e.g. pipelines)
-
- Not just the single operator , larger well funded businesses.



Business Plan Priority Areas 2017

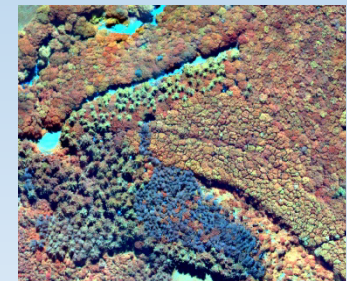
All driven by feedback from a survey to our membership in 2016.

- Regulation
- Closely linked to education and CPD - standards
- Professionalism / End-User Engagement
- Communications
- Membership Benefits



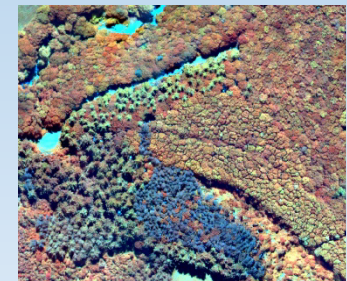
Business - Standards 2017

- Standard for NQE Activity? - broad spectrum of “Training” and variation of PfCO courses. The Concept of an “ARPAS Academy” being discussed.
- Standard for PfCO? - entry level - members are keen to enhance knowledge and set themselves apart from the leisure / non commercial operator.
- Standard for specific industry? – how to operate in sectors such as , Survey / Inspection etc
- Linked closely with CPD and Education.
- Industry Professionals looking for answers, joint solution envisaged.



Standards - Where We are 2017

- Initial Discussions with NQEs started , those approached positive .
- BSI committee ACE/1/-/2 Unmanned Aircraft Systems – what is planned , can work be combined?
- Some industries have already published a standard already - Oil and Gas UK UAS Operation Management Standards Guidelines.
- Industry input as to what is required from operators for various sectors - , Energy , construction , Close proximity work etc etc

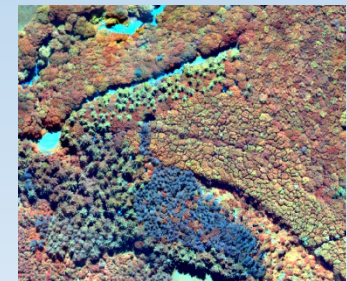


Standards - Where are we Going 2017?

- New CAA Guidance / regulation from the DFT Consultation?
- EASA ?
- Any standards work produced by ARPAS UK to be complimentary and serve as guidance for best practice, joint approach envisaged rather than “going it alone”.

ARPAS UK to develop

“ARPAS Operational Standards Guidelines” V 1.0 by
March 2018



Standards - Where are we Going 2017?

Thank you,

Questions / Discussion / Inputs

