

**TITLE: Drone Survey Remote Viewing Site Visits**

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| <b>Scheme Name:</b>                                    | All  | <b>Date:</b>                              | 20/04/2020   |
| <b>SAP Code:</b>                                       | N/A  | <b>Delivery Partner:</b>                  | IST/Arcadis  |
| <b>Learning Alert Category (Select most relevant):</b> | <input checked="" type="checkbox"/> Innovation<br><input type="checkbox"/> Construction<br><input type="checkbox"/> Design<br><input type="checkbox"/> Standard Product<br><input type="checkbox"/> Environmental / Planning / Consents<br><input type="checkbox"/> Quality<br><input type="checkbox"/> Commissioning & Handover | <b>Implementation:</b>                    | <input checked="" type="checkbox"/> Implemented<br><input checked="" type="checkbox"/> For Future Consideration<br><input type="checkbox"/> For Immediate Implementation |
| <b>Contact Details (Name &amp; Email):</b>             | <b>Gareth Thompson</b><br><a href="mailto:Gareth.thompson@arcadis.com">Gareth.thompson@arcadis.com</a>   | <b>Lesson Learnt Database Ref Number:</b> | N/A  |

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| <b>Outline of Issue:</b>       | With team members remote working, attendance at site visits is not always practical for everyone.   |
| <b>Why was it implemented?</b> | To allow all teams members, regardless of location an opportunity to visualise and visit project sites 'virtually', and input into site photo/video surveys to ensure they have sufficient information to contribute to their future work<br>To reduce Health & Safety risks the less people attending project sites the better.  |
| <b>How was it implemented?</b> | A drone pilot/surveyor (project team member) visits site, and while using the standard drone operating software (such as DJI Go), along with Microsoft Teams, they have the ability to share screen with those working in remote locations/other offices to see the same view as the drone pilot. Interacting with the drone pilot via the Teams conference call facility allows everyone to request specific views of the site, and can react to what they are seeing live, to make informed live decisions. |
| <b>Outline of Benefits:</b>    | Project team members can react and influence the survey being undertaken live, so they obtain the right level of information immediately, therefore avoids the need for potential multiple site visits;   |

**PHOTOGRAPHS:**  
See Below

