Online Videos as Corroborating Evidence

<table>
<thead>
<tr>
<th>Institution:</th>
<th>University of St Andrews</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit of Assessment:</td>
<td>11 – Computer Science and Informatics</td>
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<tr>
<td>Title of case study:</td>
<td>Extending Open Virtual Worlds for Cultural Heritage and Education</td>
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</tbody>
</table>

The links in this document are to videos which corroborate the work reported in the REF 2014 Impact case study: Extending Open Virtual Worlds for Cultural Heritage and Education

1. **St Andrews Cathedral Reconstruction circa 1318 (3:32)**

   This video was filmed “in-world” and briefly conveys the detail and the richness of the reconstruction, which was enabled by Open Virtual World research methodologies and systems. The Cathedral reconstruction illustrates in the following dimensions of the impact case study:

   - Empower learners by enabling them to use existing digital literacies in educational contexts
   - Open windows on the past providing people with new insights into cultural heritage
   - Create a new mode of exhibition for museums and libraries

   [https://vimeo.com/71629823](https://vimeo.com/71629823)

2. **Living History at Linlithgow Palace (7:19)**

   Research by the OVW group used laser scan point cloud data commissioned by Historic Scotland to be used in a virtual world that was deployed and used in the curriculum at Linlithgow Academy. Education Scotland saw this as a model for further living history projects. These two videos show the real and virtual palace and how some pupils got involved in the virtual world via green screen techniques. The Linlithgow Palace cross-reality learning environment illustrates the following dimensions of the case study:

   - Empower learners by enabling them to use existing digital literacies in educational contexts
   - Open windows on the past providing people with new insights into cultural heritage

   [http://www.youtube.com/watch?v=ieK8WILnXE](http://www.youtube.com/watch?v=ieK8WILnXE)

3. **Caen Township Reconstruction circa 1813, Timespan (1:11, 0.55)**
This web page on the Timespan website features the translocation township as part of a virtual museum. It includes images from the OVW based reconstruction of the Caen township circa 1813, prior to the Highland Clearances, and the two short video about the installation. The Caen reconstruction illustrates the following dimensions of the impact case study:

- Open windows on the past providing people with new insights into cultural heritage
- Create a new mode of exhibition for museums and libraries


4. **Coastal Archaeology Salt Panning Factory digital preservation (7:26)**

The Scottish Coastal Archaeology and the Problem of Erosion (SCAPE) have used OVW research outputs for the reconstruction of sites at risk from coastal erosion (May 2012). This video features the Salt Panning cottage factory settlement near Brora in the North of Scotland. The Salt Pan reconstruction illustrates the following dimensions of the impact case study:

- Digital preservation of archaeological sites at risk from coastal erosion

[https://vimeo.com/65182042](https://vimeo.com/65182042)