Deliverable

Project Acronym:	**ImmersiaTV**
Grant Agreement number:	688619
Project Title:	*Immersive Experiences around TV, an integrated toolset for the production and distribution of immersive and interactive content across devices.*

D2.4 Content Creation, list of data sets

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Authors:

Gregg Young (VRT)

Luk Overmeire (VRT)

Maria Pacheco (Lightbox)

Helder Campos (Lightbox)

João Lourenço (Lightbox)

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Dissemination Level		
P	Public	x
C	Confidential, only for members of the consortium and the Commission Services	

Abstract: This document lists the content creation datasets (video content) produced during and under terms of the Immersiatv project. There are three different types of data acknowledged: raw test content (no post production attributed), processed test content, finished footage used in the pilot demonstrators (pilot 1 and pilot 1.5). All content is published under Creative Commons Attribution-NonCommercial 4.0 license.

REVISION HISTORY

Revision	Date	Author	Organisation	Description
0.1	4/5/2017	Luk Overmiere	VRT	ToC and compilation of contributions

CONTENTS

1. LIST OF CONTENT DATA SETS

	Description	Corresponding pilot iteration	Content owner	Type
MEDIA T01	360 camera rig tests on location - downtown Porto;	pilot 1	LightBox	N/P
MEDIA T02	Test footage to try out scene transition between omni images and Qbic Camera Tests conducted at Lightbox HQ;	pilot 1	LightBox	N/P
MEDIA T03	Pilot 01 footage;	pilot 1	LightBox	DEMO VERSION
MEDIA T04	Pilot 1.5 (Multi Cam Showcase) footage.	pilot 1.5	LightBox	DEMO VERSION
MEDIA T05	360 test content of cyclocross (Overijse) - 6 viewpoints	pilot 1 & 2	VRT	RAW MATERIAL
MEDIA T06	360 Orah 4i test content - children's live broadcast award show	pilot 2	VRT	RAW MATERIAL

2. CONTENT DESCRIPTION

2.1. MEDIA T01:

360 camera test on location with GoPro H3Pro6 Rig - downtown Porto. The zip file contains:

- Multiple subfolders with clips from the various takes shot for the testing by the Riverside in Porto's Downtown;

Codec: H.264, 1920x1440, 47,951fps. Content: people walking by the riverside.

2.2. MEDIA T02:

Test footage with GoPro H3Pro6 Rig to try out scene transition between omni images and Qbic Camera Tests conducted at Lightbox HQ. The zip file contains the following content:

- Two folders with the first synchronisation test between omnidirectional and directive images. One has 2D images, the other 360º raw unstitched files;

- A test folder of the Qbic camera - both raw and final stitched output.

Directive codec with Sony XDCam: MPEG-2; 1440x1080; 25fps. Content: man walking down a street.
Omnidirectional codec from GoPro H3Pro6 Rig: H.264; 1920x1080; 47,951fps. Content: same as directive.
Qbic codec: H.264; 1920x1080; 27,97fps. Content: an office space, two people walking around the camera.

2.3. MEDIA T03:

Footage of specific scenes from Pilot 01. List of following contents in the zip file:

- Three main folders: each one referring to a specific scene (i.e. SCENE 5);
- Inside each main folder there are two subfolders: OMNI (pertaining to 360º footage) and DIR (referring to 2D images of that scene).

Directive codec from BlackMagic Micro Studio Camera: QT 422 Prores; 3840x2160; 25fps. Content: locker room scene, car scene and classroom scene.
Omnidirectional codec from GoPro H3Pro6 Rig: H.264; 1920x1080; 47,951fps. Content: same as directive.

2.4. MEDIA T04:

Pilot 1.5 (Multi Cam Showcase) raw files. Footage of specific scenes from Pilot 01. List of following contents in the zip file:

- Two main folders - Directive and Omni. Inside the first one there is a proxy file of the TV broadcast of the filmed football game. The folder Omni has the 3 cameras and their respective raw files.

Directive codec: MPEG-4; 4096x2048; 29,97fps. Content: footaball match.
Omnidirectional codec from GoPro H3Pro6 Rig: H.264; 1920x1080; 29,97fps. Content: same as directive.

2.5. MEDIA T05:

360 test content of cyclocross (Overijse, 6/12/2015) - 6 viewpoints.
This content package consists of the following zipfiles:

- Commentator Paul en Michel_finish.zip: captured by a 4 camera GOPRO rig (two shots not absolute by camera malfunction), raw material suitable for stitching software (Videostitch)
  content: commentator booth, commentators covering the finish of the cyclocross race

- Commentator Paul and Michel_start.zip: captured by a 4 camera GOPRO rig, raw material suitable for stitching software (Videostitch)
  content: commentator booth, commentators covering the start of the cyclocross race

- Start Race.zip: captured by a 7 camera GOPRO rig, raw material suitable for stitching software (Videostitch)
  content: cyclocross racers lining up and start of the race

- Bend in the climb: captured by a 7 camera GOPRO rig, raw material suitable for stitching software (Videostitch)
  content: hazardous bend on the track during the climb

- Bend2.zip: captured by a 7 camera GOPRO rig, raw material suitable for stitching software (Videostitch)
  content: 2nd hazardous bend on the cyclocross circuit

- Straight through the wood.zip: captured by 7 camera GOPRO rig, raw material suitable for stitching software (Videostitch)
  content: part of the track through the wood

- In tent after race_1.zip: captured by a 7 camera GOPRO rig, raw material suitable for stitching software (Videostitch)
  content: cyclocross rider getting interviewed inside a tent after the race

- In tent after race_2.zip: captured by 7 camera GOPRO rig, raw material suitable for stitching software (Videostitch)
  content: cyclocross rider getting interviewed inside a tent after the race

Codec: mp4 H.264 (60Mbps), 1920×1440, 50 fps.

2.6. MEDIA T06:

Children's live broadcast award show, captured by an Orah 4i camera

- Ghostrockers: table shot, a music band sitting together on a table during a music award show

Codec: mp4 H.264, 2048×1024, 30 fps, equirectangular format