EASIT

IO5 Video Technical Specifications

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Summary: This document includes the technical specifications for the creation of the video lectures and other videos to be used as teaching materials developed both for general Easy-to-Understand (E2U) and for hybrid media accessibility services as open educational resources.

History chart

No.	Action	Partner	Date
1	Prepared	RTVSLO & UAB	09.05.2020
2	Changes, if any		
3	Released		

1 BASIC VIDEO TECHNICAL SPECIFICATIONS

All EASIT partners will create video content as teaching materials. A document with the instructions to be followed has been elaborated to guarantee a unified approach. Once the videos are completed, they will be uploaded on Nebula.

The following table includes the basic technical specifications for the video content:

Table 1. Basic video technical specifications for web version

Format	h.264
Container	mp4
Resolution	1920 x 1080
Field Order	Progressive
Bitrate	Variable / around 10 Mbps
Frame Rate	25fps
Audio	AAC, 48 kHz, 24 bit, stereo

2 OTHER SPECIFICATIONS

All IO5 videos will be offered on the EASIT project's website as open access educational resources. The videos will be uploaded to YouTube and hosted on UAB's open access repository (DDD).

It is recommended that partners create two different versions of the videos: a medium-low quality version for their upload on YouTube and DDD, and an additional version of the finalised video in lossless format. The videos exported in lossless format should be kept in the partner's archives. Since the lossless videos tend to be large, we recommend storing them on external HDD or in any other suitable way.

YouTube allows to have control over closed captions (CC) and different languages. From the accessibility point of view, it is best to use closed captions for both interlingual subtitles and subtitles for the deaf and hard of hearing (SDH), since the videos will have multiple language choices (languages from all partners).

As they will also be offered as a download, some other outputs will be provided. Table 2 summarises the specifications for all downloadables:

Table 2. Downloadables specifications

File	Type	Resolution	Framerate	Codec	Bitrate	Audio
Video-web	.mp4	1920 x 1080	25 fps	h.264	Variable, around 10 Mbps	AAC 48 kHz, 24-bit,stereo
Video-archive	.mp4	1920 x 1080	25 fps	h.264	Variable, 50 Mbps or more.	AAC 48 kHz, 24-bit, stereo

Subtitles & SDH	.srt		25 fps	UTF-8		
Transcript	.docx					
Stills	.png	1920 x 1080				
Audio	.mp3					44.1kHz, 192kbps
Slides	.pptx					