

# REPORT

## FULL AUDIT OF RESOURCES AND FINAL LIST OF TECHNOLOGY SOLUTIONS FOR PILOT PHASE D5.1

WP 5 Physical and Virtual Infrastructures

Date: 31<sup>st</sup> May 2021



## **FULL AUDIT OF RESOURCES AND FINAL LIST OF TECHNOLOGIES FOR THE PILOT PHASE.**

### **INTRODUCTION**

FILMEU – The European University for Film and Media Arts, (Project: 101004047, EPP-EUR-UNIV-2020 — European Universities, EPLUS2020 Action Grant) brings together four European Higher Education Institutions: Lusófona University from Lisbon, Portugal; SZFE – University of Theatre and Film Arts, from Budapest, Hungary; LUCA School of Arts from Brussels, Belgium; and Dún Laoghaire Institute of Art Design and Technology, from Dublin, Ireland. Together, these institutions collaborate around the common objective of jointly promoting high-level education, innovation and research activities in the multidisciplinary field of Film and Media Arts and, through this collaboration, consolidate the central role of Europe as a world leader in the creative fields and promote the relevance of culture and aesthetical values for our societal wellbeing.

This report was authored by members of WP5 Physical and Virtual Infrastructures. WP5 will design and implement a digital and physical infrastructure to manage, support and facilitate learning and research across all the campuses of the University. This will be our shared campus – a cultural and creative hub for all those who have an interest in traditional film practices and increasingly in new and emerging disciplines at the intersection of film and technology.

This report collects data on the physical and virtual infrastructure that exist within each institution. These infrastructures range from physical resources, such as labs and studios, to virtual resources, such as software or bibliographical resources. The objective of this report is to map existing and available resources that can support the development of future joint research structures and projects as proposed by the FilmEU consortium

## IADT/Ireland

### 1 Physical Resources

#### 1.1 Introduction

For over 40 years IADT and the National Film School (NFS) has provided the highest standard of applied film education thanks to its world-class facilities and staff. It is a place where story and craft are at the centre of what we teach.

The National Film School building was officially opened by President Michael D Higgins in November 2013. IADT and its National Film school (NFS) specialises in all aspects of film and television production – from ideation through to final delivery of the creative project. The NFS at IADT is, however, a creative transdisciplinary hub that brings together all the aspects of the modern screen industries. It includes CGI and VFX research, sound design, creative technology, VR, AR, UX design, 3D design, sculpting and fabrication, animation, costume, character and set design.

IADT offers excellent facilities across our specialist courses. As we are a national centre for courses in art/design, film, media, and interactive media, IADT provides a range of specialised, industry-standard equipment, including TV and radio studios, digital video editing, photographic studios, including digital photographic techniques and advanced workstations, e.g. Silicon Graphics and high-end Macintosh and pc platforms.



#### Studios + Labs

IADT offers a wide range of facilities to cater for film/tv/animation productions, courses, meeting, and conferences/seminars. Our spaces are well laid out and all the latest media technology is available. Spacious and well-equipped studios provide up-to-date equipment across a range of film and media-related disciplines. Extensive computer laboratories are also available for both general purpose computing needs and high-end specialised needs for multimedia design, development and programming. Laboratories and workshops for electronics and networking are also provided.



The National Film School building was officially opened by the President of Ireland, Michael D. Higgins, in November 2013. Our facilities are now the best in Ireland, including the first HD TV studio in any academic institution and only the second, after TV3, in Ireland. This state-of-the-art building has two new TV / film studios with HD capability. There is a digital effects / green screen / news TV studio along with two new radio studios. In addition, there are control rooms, a scene dock, lecture rooms, a newsroom, and office accommodation. The NFS building has been designed to also allow two outside broadcast units to operate and link into the production facilities and the studios.

### Workshops + Studios

Our film studios have been designed to be full working studios and they are fully wired to support external connections to OB vans or uplink trucks. The studios are designed to cater for international students, local, national and international TV producers who may need studio space and production facilities or to develop pilots for pitching to broadcasters and for broadcasters who may need additional facilities for high volume periods, such as at election times.

### Studio Spaces

We have two main studio spaces both are fully sound proofed, fully accessible and can be accessed using full scene dock entrances. Both studio floors are specialist resin based screed floors which provide optimum camera tracking performance as they are free from undulations, inclines and surface irregularities, which are totally unacceptable in a HD studio set up. The floor finish is anti-static and can receive semi-permanent studio floor paints. Two external wall boxes provide capacity for OB connection and/or for external filming and relays.

### Film/TV Studio

The film/TV studio is approx. 200 square metres, with a clear shooting height of six metres and a motorised lighting grid. It is fully connected to the Production Gallery via eight wall boxes. It is also equipped with black, white (ecru) and green cyclorama curtains as well as having access to water and drainage.





### Green Screen Studio

The green screen studio is approx. 45 square metres with a clear shooting height of four metres. It is connected to the Production Gallery via two wall boxes or can be operated separately using a mobile production unit. It has 75% surround chromakey walls and a black cyclorama curtain.

### 1.2 Spaces

Location	Description	Function in FilmEU	Capacity
National Film School Building	Newsroom	Studio/ Teaching space	30
	TV Studio Large	Studio/ Teaching space	30
	TV Studio Green Room		30
	QS065	Classroom	30
	QS066	Screen Dock	30
	QS071	Radio Studio	30
	QS075	Film Store	30
	QS155	Flat classroom	30
	QS157	Flat classroom	30
	QS159	Flat classroom	30
	QS160	Production Control	30
	QS160a	Vision Control	30
	QS170e	Dimmer Room	
Atrium Building	A012	Computer lab	44
	A016	Computer lab	40
	A019	Lecture Theatre (Tiered) / Screening room	120

Location	Description	Function in FilmEU	Capacity
Atrium Building	A021	Lecture Theatre Flat	72
	A024/26	Mac Lab	12
	A025	Lecture Theatre Tiered	70
	A108b	Meeting Room	3
	A112	UX Lab	30
	A115	Computer Lab	30
	A116	Flat Classroom	40
	A117	Computer Lab	25
	A118	Flat classroom	40
	A121	Seminar Room	16
	A123	Seminar Room	16
	A126	Computer Room	35
	A127	Computer Room	44
	A215	Electronics Lab	30
	A217	Electronics Lab	30
	A225	VR Testing Room	6
	A226	Animation Studio	30
	A227	Computer Room	40
Carriglea Building	C006c	Meeting Room	2
	C012	Computer Room	40
	C013	Meeting Room / Classroom	20
	C014	Mac Lab	41
	C016	Computer Lab	40
	C017	Project Room	50
	C018	Computer Lab	40
	C026	Lecture Theatre Tiered	60
	C028	Lecture Theatre Tiered	70
	C030	Lecture Theatre Tiered	70
	C034	Flat classroom	50
	C036	Flat classroom	60
	C038	Flat classroom	60
	C039	Meeting Room / Tutorial room	10
	C040	Flat classroom	40
	C041	Meeting Room / Tutorial room	10
Quadrangle Building	QE003	Photography Base	30
	QE004	Digital Photography Lab	30
	QE014	Fab Lab / 3D Printing	5
	QE028	Research Lab	4
	QE027-030	Radio Studio / Control Room	3
	QE027a	Sound Editing Room	3

#Location	Description	Function in FilmEU	Capacity
Quadrangle Building	QE028	Sound Film Editing	1
	QE066	Orchard Suite Project Room	30
	QE101	Workshop	
	QE101a	Animation Computer Lab	5
	QE101	Animation Studio	90
	QE103	Mac Lab	20
	QE107	Makeup Studio	25
	QN003	TSH DSS Studio	162
	QN003b	Sound Editing	4
	QNB26	Research Lab	6
	QS004	Rostrum Room	4
	QS007	Workshop	
	QS011	TV Studio 3	5
	QS012	VR Lab	8
	QS012A	TV Control Room	5
	QS012B	TV Control Room	5
	QS014	Post Production Suite	30
	QS016a	Avid Edit Suite Classroom	30
	QS016b	Avid Edit Suite Classroom	10
	QS018	Sound Edit/Protocols Lab	30
	QS103	Modelmaking Studio	30
	QS103A	Modelmaking Computer Lab	30
	QS108	Modelmaking Studio	60
	QS111	Remote Teaching Lab	3
	QS115	Remote Teaching Lab	2
	QS116	Lifedrawing Studio	30
	QW005	Modelmaking Studio	30
Sound Training Centre	Button_Factory	Sound Editing	30
	LAB 1	Sound Editing	30
	LAB 2	Sound Editing	30
	LAB 3	Sound Editing	30
	Lecture Hall	Sound Editing	30
	STC	Sound Editing	30
	STC studio1	Sound Editing	30
	STC studio 2	Sound Editing	30
	WIFI Lab	Sound Editing	30
	LAB	General purpose Area	30

### 1.3 Equipment

Type	Description	Function in FilmEU
Alexa Camera Body	Alexa 1 Kit (Studio)	Film Production
Electronic Viewfinder	Alexa 1 Kit (Studio)	Film Production
Shoulder pad	Alexa 1 Kit (Studio)	Film Production
Dovetail	Alexa 1 Kit (Studio)	Film Production
BP-12 Bridge Plate	Alexa 1 Kit (Studio)	Film Production
Viewfinder cable 1.2ft	Alexa 1 Kit (Studio)	Film Production
Viewfinder cable 2.1 feet	Alexa 1 Kit (Studio)	Film Production
64GB SxS Pro Card X 5	Alexa 1 Kit (Studio)	Film Production
Brown BNC Cable X 1	Alexa 1 Kit (Studio)	Film Production
Bebop V-Lock Batteries X4	Alexa 1 Kit (Studio)	Film Production
Bebop V-Lock Chargers X2	Alexa 1 Kit (Studio)	Film Production
Alexa Camera Body	Alexa 2 Kit (Location)	Film Production
Electronic Viewfinder	Alexa 2 Kit (Location)	Film Production
Shoulder pad	Alexa 2 Kit (Location)	Film Production
Dovetail	Alexa 2 Kit (Location)	Film Production
BP-12 Bridge Plate	Alexa 2 Kit (Location)	Film Production
Viewfinder cable 1.2ft	Alexa 2 Kit (Location)	Film Production
Viewfinder cable 2.1 feet	Alexa 2 Kit (Location)	Film Production
64GB SxS Pro Card X 5	Alexa 2 Kit (Location)	Film Production
Brown BNC Cable X 1	Alexa 2 Kit (Location)	Film Production
Hawk-Woods V-Lock Batteries	Alexa 2 Kit (Location)	Film Production
Hawk-Woods V-Lock Charger	Alexa 2 Kit (Location)	Film Production
Schneider Platinum IRND 1.	Alexa 2 Kit (Location)	Film Production
Arri MB-20 unit for 19mm rails	4x5.6" Matte Box	Film Production
2 tray stage	4x5.6" Matte Box	Film Production
Donut	4x5.6" Matte Box	Film Production
1 Filter Tray (4x5.6")	4x5.6" Matte Box	Film Production
5 Mattes (16mm, 25mm, 32mm, 40mm, 50mm)	4x5.6" Matte Box	Film Production
Top Chop	4x5.6" Matte Box	Film Production
Side Chops X 2	4x5.6" Matte Box	Film Production
Misc Donut Parts	4x5.6" Matte Box	Film Production
Arri MB-16 unit for 19mm rails	4x4" Matte Box	Film Production
2 tray stage	4x4" Matte Box	Film Production
4 tray stage	4x4" Matte Box	Film Production
Donut	4x4" Matte Box	Film Production
Top Chop	4x4" Matte Box	Film Production
Side Chops X 2	4x4" Matte Box	Film Production
5 Filter Trays (4 X 4")	4x4" Matte Box	Film Production
2 Filter Trays (4 X 6")	4x4" Matte Box	Film Production
5 Mattes	4x4" Matte Box	Film Production
1 additional focus wheel	Arri FF-5 CINE Follow Focus	Film Production
1 white ring	Arri FF-5 CINE Follow Focus	Film Production
Focus whip	Arri FF-5 CINE Follow Focus	Film Production



Type	Description	Function in FilmEU
Arri FF-5 CINE follow focus unit with 19mm mount	Arri FF-5 CINE Follow Focus	Film Production
1 additional focus wheel	Arri FF-5 CINE Follow Focus	Film Production
1 white ring	Arri FF-5 CINE Follow Focus	Film Production
Focus whip	Arri FF-5 CINE Follow Focus	Film Production
Arri MkIII follow focus unit with 19mm mount	Arri MkIII Follow Focus	Film Production
2 Additional Focus wheels	Arri MkIII Follow Focus	Film Production
5 white rings	Arri MkIII Follow Focus	Film Production
Follow focus speed crank	Arri MkIII Follow Focus	Film Production
Cooke Zoom adapter wheel	Arri MkIII Follow Focus	Film Production
Long focus whip	Arri MkIII Follow Focus	Film Production
Monitor Unit	Marshall Monitor	Film Production
V-Lock Battery X 1	Marshall Monitor	Film Production
V-Lock Charger	Marshall Monitor	Film Production
Monitor Unit	Small HD 702 Lite Monitor	Film Production
Batteries X2	Small HD 702 Lite Monitor	Film Production
Charger	Small HD 702 Lite Monitor	Film Production
Sony CineAlta Set	Lenses	Film Production
Zeiss Set	Lenses	Film Production
Alura T26	Lenses	Film Production
Alura T26	Lenses	Film Production
150mm Bowl Legs Set A	Tripod	Film Production
150mm Bowl Legs Set B	Tripod	Film Production
Satchler Head	Tripod	Film Production
F4 Head	Tripod	Film Production
Hi Hat Large Bowl	Tripod	Film Production
Laptop	Data Wrangling	Film Production
SXS card reader	Data Wrangling	Film Production
Thunderbolt cable	Data Wrangling	Film Production
Arri Alexa 1	CAMERA	Film Production
Arri Alexa 2	CAMERA	Film Production
Arri SR3 S16mm	CAMERA	Film Production
Arri SR2 S16mm	CAMERA	Film Production
Sony PMWF3	CAMERA	Film Production
Sony FS-7	CAMERA	Film Production
Sony FS-5	CAMERA	Film Production
Panasonic AF101	CAMERA	Film Production
Canon 60D	CAMERA	Film Production
35mm Zeiss Prime Lenses	CAMERA	Film Production
16mm Prime Lenses	CAMERA	Film Production

Type	Description	Function in FilmEU
Sony CineAlta Lenses	CAMERA	Film Production
Alura Zoom	CAMERA	Film Production
Alura Zoom	CAMERA	Film Production
Samyang Lenses	CAMERA	Film Production
Nikon Lenses	CAMERA	Film Production
Arri MB16 Matte Box	CAMERA	Film Production
Arri MB-20 Matte Box	CAMERA	Film Production
Arri MkIII Follow Focus	CAMERA	Film Production
Arri FF-5 CINE Follow Focus	CAMERA	Film Production
702T Digital Recorder	SOUND	Film Production
Zoom H4N Recorder	SOUND	Film Production
Roland R44 4	SOUND	Film Production
SQN Mixer	SOUND	Film Production
LMI Mixer	SOUND	Film Production
Sennheiser Microphone	SOUND	Film Production
Radio Mics 2 Kit	SOUND	Film Production
Radio Mics 1 Kit	SOUND	Film Production
Clip Mic	SOUND	Film Production
Boom Pole	SOUND	Film Production
Arri Red Head Kit	LIGHTING	Film Production
Arri Blonde Kit	LIGHTING	Film Production
Arri 300 Kit	LIGHTING	Film Production
Arri 150	LIGHTING	Film Production
Mini Flo Kit	LIGHTING	Film Production
Kino Flow Kit	LIGHTING	Film Production
Lupo lights	LIGHTING	Film Production
Nanguang LED Kit	LIGHTING	Film Production
C Stands	LIGHTING	Film Production
Reflectors	LIGHTING	Film Production
Sand Bags	LIGHTING	Film Production
Large Flags	LIGHTING	Film Production
K Clamp	LIGHTING	Film Production
Portable Green screen	LIGHTING	Film Production
Medium Flags	LIGHTING	Film Production
Magic Arm	LIGHTING	Film Production
Light meter	LIGHTING	Film Production
Small Flags	LIGHTING	Film Production
Poly holder	LIGHTING	Film Production
FILTERS	LIGHTING	Film Production
Large Nets	LIGHTING	Film Production
Pole cat	LIGHTING	Film Production
Medium Nets	LIGHTING	Film Production
Smoke Machine	LIGHTING	Film Production
Small Nets	LIGHTING	Film Production
Extension Cables	LIGHTING	Film Production

Type	Description	Function in FilmEU
Tall Legs	GRIP EQUIPMENT	Film Production
Libec Dolly	GRIP EQUIPMENT	Film Production
Marshall Monitor	GRIP EQUIPMENT	Film Production
Short Legs	GRIP EQUIPMENT	Film Production
Egripment Dolly	GRIP EQUIPMENT	Film Production
Small HD 702 Lite Monitor	GRIP EQUIPMENT	Film Production
Satchler Head	GRIP EQUIPMENT	Film Production
Elemac Dolly	GRIP EQUIPMENT	Film Production
Black Magic Monitor	GRIP EQUIPMENT	Film Production
Satchler Caddy Head	GRIP EQUIPMENT	Film Production
Elemac Track Lengths	GRIP EQUIPMENT	Film Production
Atomos Ninja Blade	GRIP EQUIPMENT	Film Production
F4 Head	GRIP EQUIPMENT	Film Production
Hague Corporate Jib	GRIP EQUIPMENT	Film Production
Atomos Samuri Blade	GRIP EQUIPMENT	Film Production
Hi Hat	GRIP EQUIPMENT	Film Production
Porta Jib	GRIP EQUIPMENT	Film Production
Hi Hat	GRIP EQUIPMENT	Film Production
Handlebars	GRIP EQUIPMENT	Film Production
85 (Formatt)	Filters	Film Production
PROMIST 1/8 (Tiffen)	Filters	Film Production
FOG Ø (Van Diemen)	Filters	Film Production
85 (Tiffen)	Filters	Film Production
PROMIST 1/8 (Tiffen)	Filters	Film Production
FOG 1/2 (Van Diemen)	Filters	Film Production
85B (Van Diemen)	Filters	Film Production
BLACK PROMIST 1/8 (Tiffen)	Filters	Film Production
FOG 1 (Van Diemen)	Filters	Film Production
85B (Tiffen)	Filters	Film Production
BLACK PROMIST 1/4 (Tiffen)	Filters	Film Production
FOG 2 (Van Diemen)	Filters	Film Production
85B (Tiffen)	Filters	Film Production
BLACK PROMIST 1/2 (Tiffen)	Filters	Film Production
FOG 3 (Van Diemen)	Filters	Film Production
85B (Tiffen)	Filters	Film Production
SUPERMIST CLEAR 1/8	Filters	Film Production
CORAL 1 (Format)	Filters	Film Production
81EF (Tiffen)	Filters	Film Production
SUPERMIST CLEAR 1/4	Filters	Film Production
CORAL 2 (Formatt)	Filters	Film Production
81EF (Tiffen)	Filters	Film Production
SUPERMIST CLEAR 1/2	Filters	Film Production
CORAL 3 (Formatt)	Filters	Film Production
81EF ND 3 (Formatt)	Filters	Film Production
SUPERMIST BLACK 1/8	Filters	Film Production
BLACK NET 3	Filters	Film Production

Type	Description	Function in FilmEU
ND 0.6 Hard Edge	Filters	Film Production
Day for Night (Harrison)	Filters	Film Production
TOBACCO (Formatt)	Filters	Film Production
ND 0.9 Hard Edge	Filters	Film Production
Classic Soft 1/2	Filters	Film Production
B/W GREEN 56	Filters	Film Production
ND 0.3 (Van Diemen)	Filters	Film Production
Low Con 0.45 (Van Diemen)	Filters	Film Production
B/W YELLOW/GREEN 13	Filters	Film Production
ND 0.3 Grad (Van Diemen)	Filters	Film Production
Low Con 0.1 (Van Diemen)	Filters	Film Production
B/W RED 25	Filters	Film Production
ND 0.6 Grad (Van Diemen)	Filters	Film Production
Low Con 1/2 (Tiffen)	Filters	Film Production
B/W YELLOW 9	Filters	Film Production
ND 0.9 Grad (Van Diemen)	Filters	Film Production
Low Con 1 (Tiffen)	Filters	Film Production
B/W ORANGE 16	Filters	Film Production
ND 0.3 Grad 4x5.6"	Filters	Film Production
Low Con 2 (Tiffen)	Filters	Film Production
POLARIZER (Formatt)	Filters	Film Production
ND 0.6 Grad 4x5.6"	Filters	Film Production
Clear (Formatt)	Filters	Film Production
POLARIZER (Tiffen)	Filters	Film Production
ND 0.9 Grad 4x5.6"	Filters	Film Production
Black Promist 1/8 4x5.6"	Filters	Film Production
POLARIZER (Van Diemen)	Filters	Film Production
ND 1.2 Grad 4x5.6"	Filters	Film Production
Black Promist 1/4 4x5.6"	Filters	Film Production
POLARIZER	Filters	Film Production
Black Supermist 1/8 4x5.6"	Filters	Film Production
Black Promist 1/2 4x5.6"	Filters	Film Production
Black Supermist 1/4 4x5.6"	Filters	Film Production

## 2 Virtual Resources

### 2.1 Introduction

IADT utilises an array of software to facilitate student learning from general students' services, course specific software and assistive technologies. IADT offers research platforms through our online library and wide access to software licences. Each course also engages with industry specific software

### 2.2 Resource type

Type	Description	Function in FilmEU
Adobe Creative Cloud CC 2018		
Microsoft Office 2019		
Microsoft project 2019		
Microsoft Visio 2019		
Autodesk Entertainment Creation Suite Ultimate 2020		
Other Softwares:		
iTunes		
Mozilla Firefox		
Chrome		
Internet Explorer		
Athens Toolbar for IE and Mozilla		
Careers – Career guidance web shortcuts		
Texthelp Read& Write 9 Gold		
Textpad 7		
Notepad++ 6.9.1		
MATLab 2019a		
Orcad 16.6		
SPSS for Windows 26		
SuperLab Pro		
VLC media player		
Techsmith Camtasia		
Unity		
Unreal Engine		
TV Paint	2D Animation	
Toonboom	2D Animation	
Blender	3D	
Synch Sketch	AV project management	
Dragonframe	Stop Motion Animation	
Pro Tools	Sound edit / mix	
Adobe Audition		
Audacity		

Type	Description	Function in FilmEU
Pre-Viz	Film & TV	
Virtual Production Office	Film & TV	
Avid Software	Film & TV	
Avid Server System	Film & TV	

### 2.3 Digital Platforms

Type	Description	Function in FilmEU
<b>Student Services</b>		
EdTech	Office365	
	Padlet	
	Sharepoint	
Student Certification	Digitary Core	
Email	Outlook	
Academic Integrity	Turnitin	
Wireless Network	Eduroam & local network	
<b>Assistive Technology</b>		
VLE	Blackboard Ally	
Text to speech	RW Read&Write	
<b>Library</b>		
Linkedin Learning		
Ebook Central (ProQuest)		
Research@THEA		
Digital Theatre Plus	EBooks	
ebook central (ebrary)		
EBSCO databases		
Emerald 125 Management Journals		
Financial Times		
JSTOR (On Campus)		
JSTOR (Off Campus)		
Project Muse (On Campus)		
Project Muse (Off Campus)		
Taylor & Francis Online		
Vogue Archive		
RIAN.ie		
DOAJ: Directory of Open Access Journals		
OpenDOAR: Directory of Open Access Repositories	Open Access Directories	



Type	Description	Function in FilmEU
<b>Library</b>		
ROAR		
ArXiv		
PsyArXiv		
SocArXiv	Preprint Archives	
DART Europe E-Thesis Portal		
ETHOS E-Thesis Online (British Library)	Open Access Theses	
Kultur		
Art-Dok		
CiteSeerx	Open Access Repositories	
Computing Research Repository		
DSpace at the University of Texas		
eptcs.org		
Vixra		
DASH		
DOAB		
English & American Literature Network		
Open Library of Humanities		
PsyArXiv		
PsyDok		
Disciplinary Repositories		
<b>Corporate</b>		
CoreHR	Staff Management	
CIMS (national)	Room Booking / Academic Staff Timetable	
Agresso	Financial	
Excel	Mobility Services	
Banner	Student Records / Exams	
Connect2 (currently deploying)	Equipment (and Edit Room) Booking	

### 3 Virtual Learning Environment Resources

#### 3.1 Introduction

IADT currently runs two Virtual Learning Environments when engaging with our students. Microsoft Teams and Blackboard Collaborate facilitate online lectures, project management, submissions as well as assessment.

#### 3.2 Resource type

Type	Description	Function in FilmEU
Blackboard	VLE	
Microsoft Teams	VLE	

#### 3.3. Connectivity issues

IADT uses a site-specific wireless system and Edu roam.

### 4 Summary

IADT is moving towards a blended learning environment offering services both on campus and online. The campus itself is based in the Dun Laoghaire, a suburb of Dublin and has a wide range of film, television, animation and audio infrastructure. Going forward both physical and virtual assets will be used in the creation and implementation of Storylab and other FilmEU initiatives.

## Lusófona/Portugal

### 1 Physical Resources

#### 1.1 Introduction

Lusófona University is the leading provider of film and media education in Portugal and an active participant in the European training and research landscape. The film and media arts department at Lusófona University is committed to providing hands-on specialized skill training, to foster individual and collaborative creative growth, and to serve as a testing ground for the application of emerging film and media technologies. The film and media arts department offers state of the art facilities and equipment that nourishes our student's creativity.

#### Fernando Lopes Film Theatre (125 seats)

The Fernando Lopes Film theatre is located on the campus of the university. This cinema is exclusively dedicated to film exhibition and for eminently academic use and activities of the Film and Media Arts Department. The cinema is equipped with the most modern DCP technology for digital cinema projection and 7.1 audio technology.



#### Film Studio (85m<sup>2</sup>)

The University film studio is customised for film production. The film studio can be used for building sets, the studio is equipped with lighting fixtures and features a black background. Aside the studio there is a dressing and make up room, and the building next to it features the equipment warehouse, with the television studio and the motion capture studio close by. Together they form a whole complex for production. The studio can also be used for larger official receptions, seminars, and training events. It includes a stand with 35 seats.



### Television Studio (96m<sup>2</sup>)

The Television studio can be used for multi-camera productions. The studio is equipped with four HD Sony PMW 350L HD cameras with the Sony HDC 1400U fiber optical camera channel and the Sony HDCU 1500U control panel. Cameras have Fujinon ZA 12x4.5 BERD and Fujinon HA 18x7.6 BERD-S lenses with zoom and focus servo-controls, Sony HDVF C730 LCD monitors, Vinten HD250 and Vinten Heavy Duty tripods. It also features the possibility of adding a fifth camera.

Studio lighting is controlled by a Philips Strand Lighting 500ML console. The standard lighting kit consists in 8 Softlight 1Kw, 1 Softlight 2Kw, 9 Fresnel 2Kw, 4 Fresnel 2Kw, 2 Spotlight 650w, 3 Par 64, 2 Cyclorama 5Kw. Any lighting from the equipment warehouse can be added. It has black, grey and green backgrounds. The Control Room features a EVS DYVI video mixer and a Avid Airspeed for digital recording and playback in 10bit 4.2.2 Avid DNxHD standard format. For external recording there's a Sony PDW 1500 recorder. Video monitoring uses a Evertz 3000 DCP Multiview with 4 Sony 42" and 8 21" monitors. Studio Intercom consists of a Trilogy Gemini system. Audio control uses a Evertz 500 ADA/AUD distributor, a Soundcraft Spirit FX16 mixer and Genelec speakers.

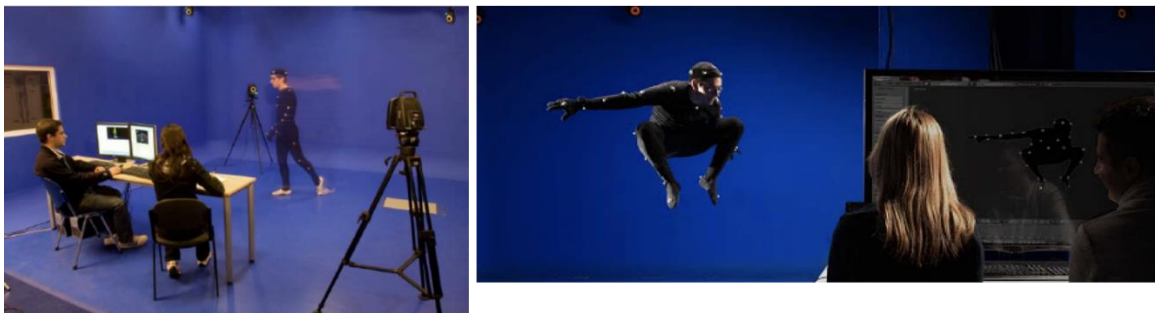
The equipment warehouse has a large set of microphones available for the studio. The television studio can also be used for larger official receptions, seminars, and training events. It includes a stand with 40 seats.



### MovLab Studio

MovLab - "Laboratory of Technologies for Interactions and Interfaces" is one of the laboratories within the Film and Media Arts Department, working with and within other scientific areas such as 3D models for visualization and mechanical analysis based on data from technologies of high-speed motion capture and support dynamometry. With the mission to promote interdisciplinary knowledge, it develops interventions to Life Sciences (human kinematic studies for Biomechanics and Health) and to entertainment (Animation, Film and Game Dev).

To collect kinematic data, MovLab has a Vicon Mocap System, AMTI Force Platform, RScan pressure plates, Biosignals devices and software as Vicon IQ, Blade, Nexus, Autodesk Motion Builder. To interact with the information collected, is equipped with VR Oculus Rift, Gear Vr, Autodesk Maya, 3ds Max and Adobe CS.



### Sound Studios.

The Film and Media Arts Department has three sound studios. They are designed for film and television production. As a complement to the studios there is an audio lab designed for classes.

#### Sound Studio 7.1

This studio is a state of the art 7.1 surround mixing and sound design studio. It features an Avid S6 console with Avid HDX and Avid MTRX, an iMac Pro, Genelec S360A speakers and a Genelec Subwoofer. It can be used for production and for classes, it has 25 seats.

#### Sound Studio 5.1

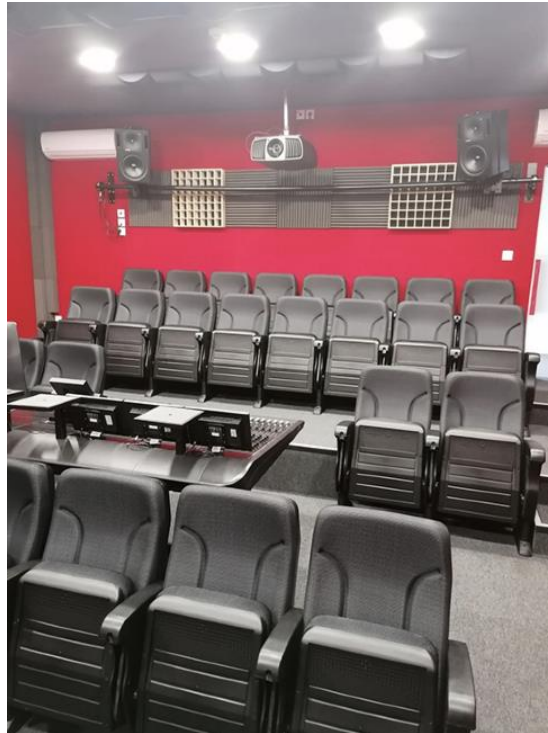
This is a smaller studio; it features 5.1 mixing and sound design capabilities. It's equipped with a MacPro workstation and uses the Avid Protools HDX system with Avid Artist Control and Avid Artist Mix Controllers.

#### Sound Studio B

This studio is designed for recording and dubbing. It also allows mixing in stereo. It's equipped with an Apple MacPro workstation and with an Avid Protools HDX controlled by an Avid Artist Control and Avid Artist Mix.

#### Sound Lab

The sound laboratory is designed for classes, it has 25 seats, and it's equipped with 15 Apple IMacs with Avid Protools among other audio post software. The room has a video projector and a 5.1 sound system.



### Editing and Post-Production Suites

There are six editing and post suites in the university, they are all equipped with an Apple MacPro workstation's and audio speakers. They include software like Avid Media Composer, Final Cut ProX, Adobe Studio and Blackmagic Davinci Resolve. These rooms are not adequate for classes because they are designed for individual or team-based project development. They are available for the students 24 hours a day, seven days a week.

### Editing and Post-Production Lab

This laboratory is designed for classes, with two separate rooms, each with 10 Apple iMac Workstations. It can accommodate up to 28 students. They feature licenced software like Avid Media, Composer, Final Cut ProX, Adobe Studio and Blackmagic Davinci Resolve. These rooms also allow individual or team-based project development. They are available for the students 24 hours a day, seven days a week.



### Colour Grading Lab

The Colour Grading Lab features an Apple MacPro workstation, a Tangent Elements console, a Blackmagic Ultrastudio 2K and a Flanders Scientific calibrated Monitor. The software used is the Blackmagic DaVinci Resolve. The school has a secondary colour grading lab, which is smaller and that features a smaller Flanders Scientific monitor with a Tangent Wave console.



### Animation Labs and Classrooms

#### Vasco Granja Lab

A classroom prepared for both theoretical and practical animation classes. Equipped with 8 sets for stopmotion animation, in its various aspects, plasticine, cutouts, sand, oil, puppets and scenarios built during the course. The software used is Dragon Stopmotion.

#### Animation Lab

Multipurpose room, prepared for theoretical classes and film projections. It is also a large stopmotion workshop space, equipped with the necessary tools where students can construct the materials for their films: puppets, scenarios, etc. It has a small separate space equipped with an animation set intended for graduation films of undergraduate and post graduate programmes. When not being used for classes, the room is used by the students for their production's meetings, study, etc.

#### 3D Animation Classroom

Room equipped with 20 PCs with Maya software for 3D animation and modeling, also with Mudbox for digital sculpting.

#### 2D Animation Classroom

Room Equipped with 20 Apple iMacs and 20 cintiqs with TVPaint software for 2D animation.

#### Game Design Labs

There are three laboratories dedicated to game design, two of them are similar to computer labs, with 15 PC workstation each, but with dedicated software for 3D modulation and programming. The third lab is dedicated to experimentation and research, it has one gaming workstation, three game consoles, two arcade games and twenty boardgames.

## FORCE

FORCE is an interconnected multipurpose space for still photography. It consists of a photography studio, a black and white analogue laboratory with 18 magnifiers and a smaller lab to process film. It also has a meeting room and a digital printing laboratory with 13 iMacs, 2 flatbed scanners, an Epson 9900 jet printer, a JUST Nornlicht calibrated system and an Ione Pro Spectrophotometer.

## DELLI

The Delli is a multipurpose open space for Design. It's constructed to promote creativity with analogue and digital tools. It has eight iMacs, Riso and Ricoh printing systems, Letterpress and Illustration tools, and a smartboard Promethean Titanium ActivePanel.

### 1.2 Spaces

Type	Description	Function in FilmEU	Capacity
Theatre / Screening room.	Fernando Lopes	Screening Room	125
TV Studio	Studio F	Studio	40
Control Room	Studio F	Studio Control room	8
Studio	Studio Q	Studio	40
Mocap Studio	MovLab	Studio / Research	15
Photography Studio	FORCE	Photography Studio	15
Photography Lab.	FORCE – Lab.	Analog Laboratory	18
Digital Photography Lab.	FORCE Digital Lab.	Digital Laboratory	20
Sound Studio	Reshape Studio	Sound Studio	22
Sound Studio	Studio P.1.8	Sound Studio	5
Sound Studio	Studio P.1.10	Sound Studio	5
Sound Classroom	G.0.1	Classroom	25
Editing Suite	Q.1.1	Editing Suite	3
Editing Suite	Q.1.2	Editing Suite	3
Editing Suite	Q.1.3	Editing Suite	3
Editing Suite	Q.1.4	Editing Suite	3
Editing Suite	Q.2.1	Editing Suite	3
Editing Suite	Q.2.2	Editing Suite	3
Colour Grading Studio	Q.1.6	Colour Grading Studio	5
Colour Grading Suite	Q.2.3	Colour Grading Suite	3
Editing and Post Classroom	F.1.16	Classroom	18
Editing and Post Lab.	F.1.18	Editing Lab.	10
Animation Classroom	G.0.3	Classroom	28
Animation Classroom	G.0.4	Classroom	28
Computer Lab.	G.0.5	Computer Lab.	28
Game Design Lab.	G.0.6	Digital lab. For game design	28
Game Design Lab.	G.0.7	Digital lab. For game design	28
Game Design Lab.	G.0.8	Digital lab. For game design	20
Animation Studio	Vasco Granja	Stop Motion Animation Studio	30

Type	Description	Function in FilmEU	Capacity
Animation Lab.	G.2.1	3D Animation Lab.	20
Animation Lab.	G.2.3	2D Animation Lab.	24
Drawing Room	G.3.1	Drawing Room.	38
Design Lab.	DELLI	Analog and Digital Design Lab.	30
Classroom / Auditorium	Q.2.4	Classroom	78
Meeting Room	F.1.15	Meeting Room	16
Drawing Room	F.2.1	Drawing Room	23
Classroom	F.3.1	Classroom	20
Computer Lab.	F.3.2	Computer Lab.	24
Classroom	F.3.4	Classroom	32
Computer Lab.	F.2.2	Computer Lab.	27
Computer Lab.	F.2.3	Computer Lab.	42
Computer Lab.	F.2.4	Computer Lab.	30
Computer Lab.	F.2.5	Computer Lab.	42
Computer Lab.	F.2.6	Computer Lab.	30
Computer Lab.	F.2.7	Computer Lab.	42
Classroom / Auditorium	S.0.9	Classroom	108
Classroom	Z.0.3	Classroom	30
Theatre / Auditorium	Agostinho da Silva	Conferences	190
Theatre / Auditorium	Armando Gebuza	Conferences	70
Theatre / Auditorium	Professor José Araújo	Conferences	90
Classroom	A.1.1	Classroom	20
Classroom	A.1.2	Classroom	30
Classroom	A.1.3	Classroom	30
Classroom	A.1.4	Classroom	26
Classroom	A.1.5	Classroom	40
Classroom	A.1.6	Classroom	59
Classroom	A.1.7	Classroom	
Classroom	A.1.8	Classroom	
Classroom	A.2.1	Classroom	30
Classroom	A.2.2	Classroom	26
Classroom	A.2.3	Classroom	25
Classroom	A.2.4	Classroom	40
Classroom	A.2.5	Classroom	40
Classroom	A.2.6	Classroom	33
Classroom	A.2.7	Classroom	37
Classroom	A.2.8	Classroom	21
Classroom	A.2.10	Classroom	56
Classroom	A.2.11	Classroom	120
Classroom	A.2.12	Classroom	56
Classroom	A.2.13	Classroom	48
Classroom	A.3.1	Classroom	35
Classroom	A.3.2	Classroom	35
Classroom	A.3.3	Classroom	35
Classroom	A.3.4	Classroom	56
Classroom	A.3.5	Classroom	56
Classroom	A.3.6	Classroom	50
Classroom	B.1.1	Classroom	108

Type	Description	Function in FilmEU	Capacity
Classroom	B.1.2	Classroom	195
Classroom	C.0.13	Classroom	
Classroom	D.0.16	Classroom	
Classroom	C.0.18	Classroom	40
Classroom	C.1.5	Classroom	
Computer Lab.	D.0.1	Undetermined	14
Computer Lab.	D.0.3	Undetermined	18
Classroom	D.1.1	Classroom	108
Computer Lab.	D.1.2	Undetermined	18
Computer Lab.	D.1.4	Undetermined	20
Computer Lab.	D.1.5	Undetermined	20
Classroom	D.1.6	Classroom	44
Classroom	D.1.7	Classroom	30
Classroom	D.1.8	Classroom	86
Classroom	D.1.10	Classroom	45
Classroom	D.1.11	Classroom	30
Classroom	D.1.12	Classroom	40
Classroom	D.1.13	Classroom	42
Classroom	D.1.14	Classroom	28
Classroom	D.1.15	Classroom	15
Classroom	D.2.1	Classroom	136
Classroom	D.2.2	Classroom	60
Classroom	D.2.3	Classroom	60
Classroom	D.2.4	Classroom	72
Classroom	D.2.5	Classroom	60
Classroom	D.2.6	Classroom	36
Classroom	D.2.7	Classroom	36
Classroom	D.2.8	Classroom	70
Classroom	D.2.9	Classroom	100
Computer Lab.	D.2.10	Undetermined	25
Computer Lab.	D.2.11	Undetermined	20
Classroom	D.3.1	Classroom	64
Classroom	D.3.2	Classroom	72
Classroom	E.0.1	Classroom	13
Meeting Room	E.0.2	Meeting Room	5
Classroom	E.0.3	Classroom	19
Classroom	E.0.5	Classroom	14
Classroom	E.0.6	Classroom	16
Classroom	E.1.1	Classroom	18
Classroom	E.1.3	Classroom	25
Classroom	E.1.5	Classroom	18
Classroom	E.2.1	Classroom	11
Classroom	E.2.3	Classroom	30
Classroom	E.2.4	Classroom	24
Classroom	E.2.5	Classroom	30
Classroom	F.0.1	Classroom	23

Type	Description	Function in FilmEU	Capacity
Classroom	B.1.2	Classroom	195
Classroom	C.0.13	Classroom	
Classroom	D.0.16	Classroom	
Classroom	C.0.18	Classroom	40
Classroom	C.1.5	Classroom	
Computer Lab	D.0.1	Undetermined	14
Computer Lab	D.0.3	Undetermined	18
Classroom	D.1.1	Classroom	108
Computer Lab	D.1.2	Undetermined	18
Computer Lab	D.1.4	Undetermined	20
Computer Lab	D.1.5	Undetermined	20
Classroom	D.1.6	Classroom	44
Classroom	D.1.7	Classroom	30
Classroom	D.1.8	Classroom	86
Classroom	D.1.10	Classroom	45
Classroom	D.1.11	Classroom	30
Classroom	D.1.12	Classroom	40
Classroom	D.1.13	Classroom	42
Classroom	D.1.14	Classroom	28
Classroom	D.1.15	Classroom	15
Classroom	D.2.1	Classroom	136
Classroom	D.2.2	Classroom	60
Classroom	D.2.3	Classroom	60
Classroom	D.2.4	Classroom	72
Classroom	D.2.5	Classroom	60
Classroom	D.2.6	Classroom	36
Classroom	D.2.7	Classroom	36
Classroom	D.2.8	Classroom	70
Classroom	D.2.9	Classroom	100
Computer Lab	D.2.10	Undetermined	25
Computer Lab	D.2.11	Undetermined	20
Classroom	D.3.1	Classroom	64
Classroom	D.3.2	Classroom	72
Classroom	E.0.1	Classroom	13
Meeting Room	E.0.2	Meeting Room	5
Classroom	E.0.3	Classroom	19
Classroom	E.0.5	Classroom	14
Classroom	E.0.6	Classroom	16
Classroom	E.1.1	Classroom	18
Classroom	E.1.3	Classroom	25
Classroom	E.1.5	Classroom	18
Classroom	E.2.1	Classroom	11
Classroom	E.2.3	Classroom	30
Classroom	E.2.4	Classroom	24
Classroom	E.2.5	Classroom	30
Classroom	F.0.1	Classroom	23

Type	Description	Function in FilmEU	Capacity
Classroom	F.0.14	Classroom	6
Computer Lab.	F.3.5	Undetermined	30
Computer Lab.	F.3.6	Undetermined	30
Computer Lab.	F.3.7	Undetermined	42
Classroom	G.1.3	Classroom	136
Classroom	G.1.4	Classroom	136
Classroom	G.1.5	Classroom	52
Classroom	G.1.6	Classroom	52
Classroom	G.2.2	Classroom	33
Classroom	G.2.2.1	Classroom	28
Classroom	G.3.2	Classroom	24
Classroom	G.3.3	Classroom	24
Classroom	G.3.4	Classroom	55
Computer Lab.	I.0.1	Undetermined	40
Computer Lab.	I.0.2	Undetermined	44
Computer Lab.	I.0.3	Undetermined	42
Classroom	I.1.1	Classroom	60
Classroom	I.1.2	Classroom	165
Classroom	I.1.3	Classroom	84
Classroom	I.1.4	Classroom	
Classroom	N.2.1	Classroom	50
Classroom	N.2.2	Classroom	
Classroom	N.2.3	Classroom	60
Classroom	N.2.4	Classroom	18
Classroom	N.2.5	Classroom	27
Classroom	N.2.6	Classroom	48
Classroom	N.2.7	Classroom	60
Classroom	N.2.9	Classroom	90
Classroom	N.2.11	Classroom	26
Classroom	P.0.6	Classroom	
Classroom	P.1.2	Classroom	18
Computer Lab.	Q.3.1	Undetermined	36
Computer Lab.	Q.3.2	Undetermined	36
Classroom / Auditorium	S.0.10	Classroom	108
Classroom / Auditorium	S.0.11	Classroom	108
Classroom	T.0.1	Classroom	
Classroom	T.0.2	Classroom	
Classroom	T.0.3	Classroom	
Classroom	U.0.2	Classroom	28
Classroom	U.0.3	Classroom	50
Classroom	T.0.1	Classroom	
Classroom	U.0.4	Classroom	
Classroom	U.0.5	Classroom	48
Videoconference Room	U.0.6	Videoconference Room	9
Classroom	U.0.7	Classroom	24
Classroom	U.0.8	Classroom	70



Type	Description	Function in FilmEU	Capacity
Classroom	U.0.9	Classroom	26
Classroom	U.0.12	Classroom	82
Classroom	U.0.13	Classroom	77
Classroom	U.1.5	Classroom	
Classroom	Z.0.1	Classroom	40
Classroom	Z.0.2	Classroom	40

### 1.3 Equipment

Type	Description	Function in FilmEU
2 Aanton XTR super16mm	Film Camera	Film production
2 Arri Alexa	Digital film camera	Film production
2 Sony F5	Digital film camera	Film production
3 Sony FS7	Digital film camera	Film production
4 Sony FS5	Digital film camera	Film production
11 Sony A7su	DSLR Camera	Film production
6 Sony NEX-EA50EH	Video Camera	Film production
10 Sony PXW X160	Video Camera	Film production
5 Sony PDW F335	Video Camera	Film production
1 Set Sony SCLPK6	Lenses	Film production
1 Set Sony SCLPK3	Lenses	Film production
1 Set Red Prime Pro	Lenses	Film production
1 Set Carl Zeiss Distagon/Planar	Lenses	Film production
1 Cooke Varotal 20/100mm	Lenses	Film production
1 Canon 150/600mm	Lenses	Film production
1 Kinoptic Tagea 1/1.8	Lenses	Film production
1 Carl Zeiss 11/110mm	Lenses	Film production
1 Cooke 10.4/55mm	Lenses	Film production
9 Samyang VDSLR	Lenses	Film production
9 Samyang VDSLR	Lenses	Film production
1 Samyang 135 T2.2	Lenses	Film production
8 Tamron 28/75mm	Lenses	Film production
1 Sony PVM 1741A	Monitors	Film production
2 Sony LMD B170	Monitors	Film production
1 Sony BVM - D9HSE	Monitors	Film production
1 Transvideo Cinemonitor HD6"	Monitors	Film production
1 Sony PVM 740	Monitors	Film production
2 Freeworld Ultrabright SDI 4K	Monitors	Film production
13 Freeworld Ultrabright 4K	Monitors	Film production
2 Avtech XHD07	Monitors	Film production
2 Follow Focus Manual Arri FF-2	Film Gear	Film production
2 Follow Focus Manual Chrosziel	Film Gear	Film production
1 Follow Focus Manual 201-01	Film Gear	Film production
4 Follow Focus Wireless Tilda Nucleus M	Film Gear	Film production

Type	Description	Function in FilmEU
2 Follow Focus Wireless Chrosziel MiniMagnum Kit	Film Gear	Film production
3 Follow Focus Manual Chrosziel	Film Gear	Film production
3 Follow Focus Manual Redrokmicro MOD 0.8	Film Gear	Film production
3 SevenOak SK F 2X	Film Gear	Film production
Follow Focus Manual Shape	Film Gear	Film production
1 Easy Rig Vario 5	Film Gear	Film production
1 TildaMax Gimbal Gravity	Film Gear	Film production
3 WoodenCamera 186200	Film Gear	Film production
4 Tilda ES-T17 A	Film Gear	Film production
7 Sachtler Tripods	Film Gear	Film production
2 Ronford Tripods	Film Gear	Film production
41 Vinten Tripods	Film Gear	Film production
8 Manfrotto Tripods	Film Gear	Film production
1 Dolly Panther Super Panther III	Film Gear	Film production
1 Dolly Panther Twister	Film Gear	Film production
1 Dolly Elemack Spider	Film Gear	Film production
11 Philips Strand Led	Lighting	Film production
10 DMG Lumière Led	Lighting	Film production
8 BB&S Led	Lighting	Film production
2 Nanguang Led	Lighting	Film production
10 Arri Fresnel HMI	Lighting	Film production
4 K5600 Joker	Lighting	Film production
3 Filmgear Fresnel	Lighting	Film production
3 Dedolight	Lighting	Film production
3 Ianiro Fresnel	Lighting	Film production
16 Ianiro Softlight	Lighting	Film production
1 DeSisti Fresnel	Lighting	Film production
2 ADB Fresnel	Lighting	Film production
1 Lumo Lighting Fresnel	Lighting	Film production
2 Lee Lighting Fresnel	Lighting	Film production
1 Strand Lighting	Lighting	Film production
7 PAR	Lighting	Film production
1 Sound Device 664	Sound Recorders	Film production
2 Sound Device 744T	Sound Recorders	Film production
8 Sound Device MixPre 3	Sound Recorders	Film production
2 Zoom H4N Pro	Sound Recorders	Film production
14 Tascam DR44 WL	Sound Recorders	Film production
3 Zoom H4N	Sound Recorders	Film production
2 Schoeps MK4	Microphones	Film production
1 Schoeps MK4V	Microphones	Film production
2 Schoeps MK41	Microphones	Film production
1 Audio Limited A10 Bundle	Microphones	Film production
6 Sennheiser MHK417	Microphones	Film production
2 Sound Device 744T	Sound Recorders	Film production
3 Audio Tecnica AT 875R	Microphones	Film production

Type	Description	Function in FilmEU
15 Rode NTG 1	Microphones	Film production
1 Sony ECM 999 PR	Microphones	Film production
9 Bayerdynamic MCE86	Microphones	Film production
6 Bayerdynamic MCE85PV	Microphones	Film production
1 Sennheiser ME 66	Microphones	Film production
3 Sony ECM 44	Microphones	Film production
4 Rode Rodelink Filmmaker	Microphones	Film production
2 Rode Rodelink Newsshooter	Microphones	Film production
6 Sony UWP-D11	Microphones	Film production
25 AVER Videoconference	Videoconference	E-learning and mixed classes.
1 Epson ED-L400U	Datashow	Auditorium Equipment
1 Epson EB G6650WU	Datashow	Auditorium Equipment
1 Epson EB-1985WU	Datashow	Auditorium Equipment
2 Epson EH-TW5200	Datashow	Auditorium Equipment
38 Epson EB-992F	Datashow	Auditorium Equipment
48 Epson EB-990U	Datashow	Auditorium Equipment
12 Epson EB-X27	Datashow	Auditorium Equipment
9 Epson EB-X20	Datashow	Auditorium Equipment
10 Epson EB-X11	Datashow	Auditorium Equipment
6 Epson EB-X9	Datashow	Auditorium Equipment
12 Epson EB-X7	Datashow	Auditorium Equipment
2 Epson EB-U05	Datashow	Auditorium Equipment
3 Epson EB-U04	Datashow	Auditorium Equipment
1 Benq	Datashow	Auditorium Equipment
1 Nec NP215G	Datashow	Auditorium Equipment
11 Apple Mac Pro	Computer	Laboratory / Studio Equipment
84 Apple iMac	Computer	Laboratory / Studio Equipment
18 PC HP 3D Workstation	Computer	Laboratory / Studio Equipment
33 PC HP Gaming Workstation	Computer	Laboratory / Studio Equipment
Avid Isis	Media Server	Laboratory / Studio Equipment
3 Canon EOS300V	Analog Photo Camera	
2 Nikon F80	Analog Photo Camera	
3 Canon EOS 1000F	Analog Photo Camera	
1 Nikon F801	Analog Photo Camera	
2 Canon EOS100D	Digital Photo Camera	
4 Canon EOS300D	Digital Photo Camera	
4 Canon EOS200D	Digital Photo Camera	
2 Canon EOS250D	Digital Photo Camera	
1 Canon EOS 5 MKIII	Digital Photo Camera	
2 Canon EOS 5 MKII	Digital Photo Camera	
1 Sinar P2	Analog Photo Camera	
1 Nikon Nikkor-W 135 1:5.6	Photo Lenses	
1 Schneider-Kreuznach Super Angulon 1.8/90	Photo Lenses	
1 Schneider-Kreuznach Symmar-S 5.6/240	Photo Lenses	
1 Canon 35mm MACro	Photo Lenses	

Type	Description	Function in FilmEU
1 Canon 100mm Macro 1:2.8	Photo Lenses	
1 Sigma 24/70mm f:2.8	Photo Lenses	
1 Canon TS-E 45mm 1:2.8	Photo Lenses	
1 Canon 35mm f:2 EF	Photo Lenses	
2 Sigma 70/200mm	Photo Lenses	
1 Tamron 80/210 1:4.5-5.6	Photo Lenses	
1 Nikon 80/200 mm 1:2.8D	Photo Lenses	
1 Canon 20mm f:2.8	Photo Lenses	
1 Canon 50mm EF 1:1.2 L	Photo Lenses	
1 Sigma 18/250mm 3.5-6.3	Photo Lenses	
1 Samyang 24mm TS f:3.5	Photo Lenses	
1 Bowens Gemini 750 Pro	Photo Lightning	
2 Bowens Esprit Gemini 500	Photo Lightning	
3 Bowens Esprit 500	Photo Lightning	
1 Bowens QuaDX	Photo Lightning	
1 Kaiser StudioLight H3152	Photo Lightning	
1 Profoto A1	Photo Lightning	
1 Profoto D2	Photo Lightning	
1 Profoto B10	Photo Lightning	
2 Photix Strato II	Photo Lightning	
4 Sekonic L308X	Photo Lightning	
1 Sekonic L758D	Photo Lightning	
1 Bowens Fresnel 200	Photo Lightning	
1 Bowens Barn door and gel	Photo Lightning	
1 Bowens Beauty Dish	Photo Lightning	
1 Bowens Reflector	Photo Lightning	
1 Bowens Snoot+honeycomb	Photo Lightning	
5 Bowens Reflectors	Photo Lightning	
1 Bowens Reflector + Shadow	Photo Lightning	
1 Profoto Zoom Reflector	Photo Lightning	
1 Profoto Magnum Reflector	Photo Lightning	
10 Softboxes	Photo Lightning	

## 2 Virtual Resources

### 2.1 Introduction

Lusófona utilises an array of software to facilitate student learning from general students' services, course specific software and assistive technologies. We provide access to three platforms that were developed inhouse. "Reshape" for facilities and equipment access and management, "Alma" for project archive and database and "Smartmedia" for production.

## 2.2 Resource type

Type	Description	Function in FilmEU
Avid Media Composer	Editing Software	
Avid Protocols	Soundesign Software	
Avid Protocols Ultimate	Soundesign Software	
Adobe Audition	Soundesign Software	
Movie Magic Academic	Production Software	
Adobe Premiere Pro	Editing Software	
Blackmagic Davinci Resolve	Editing and Grading Software.	
Nuke	VFX Software	
Unreal Engine 4.0	3D Engine	
Adobe AfterEffects	VFX Software	
Adobe Photoshop	Software	
Adobe Illustrator	Graphic Design Software	
Autodesk Maya	3D Software	
Autodesk 3DS MAX	3D Software	
Motion Builder	Animation Software	
Sketchbook	Animation Software	
Autodesk AutoCAD 2020	3D Software	
Unity	Programming Software	
Avid ISIS	Media Server	
Office 365		
Dragon Stopmotion	Animation Software	
Smartmedia	Production Software	Developed inhouse
Reshape	Facilities and Equipment Management	Developed inhouse
Alma	Project Archive and Database	Developed inhouse

## 3 Virtual Learning Environment Resources

### 3.1 Introduction

Lusófona currently use a set of virtual learning environment resources, from Moodle to online conference systems. Some of the classrooms in the school articulate these resources with videoconference hardware systems to improve the experience of blended learning classes.

### 3.2 Resource type

Type	Description	Function in FilmEU
Moodle		
Lusofona X		
Educast	Streaming Platform	

Zoom / Colibri		
Microsoft Teams		

### 3.3 Connectivity issues

Lusófona provides online access through Eduroam and through a local network.

## 4 Summary

Lusófona's campus is based in Lisbon and offers a wide range of film, television, animation and audio infrastructure. The school processes state of the art equipment and are developing its capacities to implement blended and distance learning. Both physical and virtual assets will be used in the creation and implementation of Volumetric Film Lab and other FilmEU initiatives.

---



## SZFE/Hungary

### 1 Physical Resources

#### 1.1 Introduction

The University of Theatre and Film Arts is a versatile institution, one of the flagships of Hungarian cultural life. However the institution is not limited to one culture-specific objective but welcomes possibilities which enable the communication and cooperation at an international level. With the help of The Foundation for the University of Theatre and Film Arts, the new operating model of our university can respond more quickly to economic needs, so our students can receive a competitive training and education that is more valuable in the labour market.



SZFE is one of the few art institutions in the world that offers a wide variety of film and television programs. The Vilmos Zsigmond Institute of Motion Picture Arts offers courses in the fields of film, documentary and television. We lay great emphasis on teaching in small groups and often a rather personalized curriculum helps us to bring the best out of our students. The faculty is composed of renowned artists and experts of Hungarian and international cinema, therefore mentorship plays an important role within the education process. Every year hundreds of final projects are completed in the institute and many are equal to individual pieces of art as testified by the success at Hungarian and international festivals. 6x6, our latest form of teaching, combines former experiences, traditions and challenges that modern motion picture faces. Film and television directors, cameramen, dramaturges, editors, dubbers and production assistants are taught on a joint course of six specializations. Through joint lessons and through fulfilling their common tasks, students experience what it takes to become a competitive expert in any field of motion picture. This results in creative partnerships that may serve as a basis for setting up collaborations after graduation.

## 1.2 Spaces

Type	Description	Function in FilmEU	Capacity
<b>Studios, ateliers</b>			
	B.FSZ.08	Steinbeck	8
	B.FSZ.09	Small screening room	8
	B.FSZ.10	Digital post-production room	8
	B.FSZ.12	Greenbox	8
	B.FSZ.16	Dubbing studio	4
	B.FSZ.17	Dubbing studio 2	8
	B.FSZ.27	Sound design practice studio	8
	B.FSZ.28	Control room	5
	B.FSZ.32	TV studio	20
	B.FSZ.36	Stage of film	30
	B.1.09	TV editing room 1	
	B.1.10	TV editing room 2	
	B.1.12-15	storage	
	B.1.39-40	Editing room Doc Nomads	10
	B.1.41	Editing room Doc Nomads	4
	B.1.43-44	Editing room Doc Nomads	6
	B.1.45-46	Editing room	4
	B.1.47-48	Editing room	4
	B.2.20-21	Editing room	4
	B.2.32-35	Editing practice studio	16
	B.2.50	Photo lab	
	B.2.51	Projection room	38
<b>Classrooms</b>			
	Classroom 1	Production BA	8
	Classroom 2	Camera	8
	Classroom 3	Director	8
	Classroom 4	Screenwriting	8
	B.1.16	Art history and music	26
	B.1.29	Spare classroom	7
	B.1.30	Editing room Viewfinder	6
	B.1.31	TV 1 classroom	15
	B.1.32	Set design classroom	10
	B.1.33	TV 2 classroom	15
	B.1.36	TV 3 classroom	15
	B.2.01-02	Doc Nomads classroom	26
	B.2.03	Documentary Film Director	12
	B.2.04-06	6x6 classroom	38
<b>Storage</b>			
	B.FSZ.30	TV studio storage	
	B.FSZ.33	TV studio storage	
	B.FSZ.37	Lighting storage	

Type	Description	Function in FilmEU	Capacity
Storage			
	B.FSZ.38	Set storage	
	B.1.11	IT storage	
	B.1.42	Filmstorage	
	B.2.13	Storage	
	B.2.14	Storage	
	B.2.34	Storage	
	B.2.37	Storage	
	B.2.38	Camera storage	
	B.2.39	Doc Nomads camera storage	
	B.2.42	Storage	
	B.2.48	Storage	
Other			
	B.FSZ.15	Alexa, Panaflex storage	
	B.FSZ.23	TV electricians staying	
	B.1.03	Dimmer room	
	B.1.19	Makeup room	
	B.1.20	Dressing room	
	B.1.21	Shower	
	B.1.22	Dressing room	
	B.1.23	Dressing room	
	B.1.24	Shower	
	B.1.25	Dressing room	
	B.1.26	Shower	
	B.1.27	Dressing room	
	B.1.28	Shower	
	B.1.35	Office	
	B.1.38	Kitchen	
Offices			
	B.2.07	Office	
	B.2.08	Kitchen	
	B.2.09	Office	
	B.2.10	Office	
	B.2.11	Meeting room, faculty room	24
	B.2.25-29	Faculty offices	

Type	Description	Function in FilmEU	Capacity
Offices			
	B.2.30	Chancellor's office	
	B.2.43-44	Office	



### 1.3 Equipment

Type	Description	Function in FilmEU
Steenbeck 35mm	Film editing table	Film production
Christie projector	Projector	Film production
Apple Mac Pro	Post production	Film production
DaVinci Resolve	Post production	Film production
ARRI Alexa PLUS,	Digital video camera	Film production
ARRI Alexa MINI	Digital video camera	Film production
Sony FS5 set,	Digital video camera	Film production
Sony FS100 set,	Digital video camera	Film production
Sony PXW-FS7M2K	Digital video camera	Film production
Panasonic AG-UX9,	Digital video camera	Film production
Panasonic DMC-GX8	Digital video camera	Film production
Canon 750D,	Digital video camera	Film production
Canon 70D,	Digital video camera	Film production
Canon XC10	Digital video camera	Film production
Canon 50mm,	Digital video camera	Film production
85mm lens	Digital video camera	Film production
JVC handycams	Digital video camera	Film production
Panasonic handycams	Digital video camera	Film production
Sony HXC-FB80SN	Digital video camera (studio)	Film production
B4 zoom lenses	Lenses	Film production
ARRI/Zeiss Ultra Prime 14mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 16mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 28mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 40mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 50mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 85mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 100mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 135mm	Lenses	Film production
Angenieux Optimo 17-80mm	Lenses	Film production
Canon HJ17ex6.2 IRSE	Lenses	Film production
ARRI/Zeiss Ultra Prime 14mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 16mm	Lenses	Film production
ARRI/Zeiss Ultra Prime 28mm	Lenses	Film production
Zoom Kit	Lenses	Film production
Sony SELP 18-110mm	Lenses	Film production
Manfrotto monopod	Tripods	Film production
Manfrotto tripods	Tripods	Film production
Sachtler FSB 8 T FT GS	Tripods	Film production
Sachtler Vario Ped 2-75	Tripods	Film production
ARRI WCU-3 Lens Control Kit	Lens accessories	Film production
ARRI CLM-2 Lens Motor	Lens accessories	Film production

Type	Description	Function in FilmEU
Cine Tape Measure Kit	Lens accessories	Film production
Schneider Platinum Filter Kit	Lens accessories	Film production
Cine Tape Measure Kit	Lens accessories	Film production
Seconic L-858 D speedmaster	Lightmeter	Film production
ARRI SkyPanel S60C Kit	Lighting	Film production
ARRI L5C Kit	Lighting	Film production
ARRI L7C Kit	Lighting	Film production
ARRI L10C Kit	Lighting	Film production
4kW ARRI Compact Kit	Lighting	Film production
ND3, ND6, ND9, frost 1/1 1/2	Lighting filters	Film production
85B, 81EF, 80B, 82C	Lighting filters	Film production
O'Connor 2575 Head Kit	Film production gear	Film production
Panther Classic Dolly Track8ft	Film production gear	Film production
Backstage Magliner Senior Kit	Film production gear	Film production
Schulz Tripod Short and Long	Film production gear	Film production
Audio-Technica PRO45	Sound recording	Film production
Power Dynamics PD504B	Sound recording	Film production
Cardioid condensate mic	Sound recording	Film production
4-channel microport set	Sound recording	Film production
TILTA 15 mm rod support rig	Rig	Film production
2 grips	Rig	Film production
shoulder support	Rig	Film production
TILTA follow focus	Rig	Film production
TILTA mattebox	Rig	Film production
Silicon Studios	Ingest	Film production
HP DL360 Gen10 CTO	Ingest server	Sound Production
Myricom 10G-PCIE-8B-S	Ethernet	Sound Production
Finisar FTLX8574D3BCL	Optical transceiver	Sound Production
Blackmagic Design DeckLink	Capture card	Sound Production
AVID S4 Controller	Sound mixer	Sound Production
Joystick module	Sound mixer	Sound Production
Display module	Sound mixer	Sound Production
Post module	Sound mixer	Sound Production
Pro Tools HDX TB3 MTRX	Audio interface system	Sound Production
DOLBY Cinema Processor	7.1 sound controller	Sound Production
GENELEC S360A SAM	Monitors	Sound Production
GENELEC S360A SAM	Monitors	Sound Production
Apple iMac 27"	Main computer	Sound Production
6x iMac21"	Student workstations	Sound Production
Avid S1 Dock/station	Student workstations	Sound Production
Avid Pro Tools Ultimate	Student workstations	Sound Production
Thunderbolt 3 interface		Sound Production
AKG C414 XLS	membrane condensate mics	Dialogue and foley

Type	Description	Function in FilmEU
SennheiserMKE600	Condensate shotgun mics	Dialogue and foley
Sennheiser transmitter	Wireless omni mic system	Dialogue and foley
diversity receiver	Wireless omni mic system	Dialogue and foley
Shure SM57	Instrumental mic	Dialogue and foley
DPA 4099	Dynamic cardio mic	Dialogue and foley
Shure Beta58A	Vocal mic	Dialogue and foley
Shure SM7B		Dialogue and foley
ElectroVoice RE20		Dialogue and foley
Sennheiser MD421-II		Dialogue and foley
DPA 4099		Dialogue and foley
SHURE DMK57-52	Drums mic set	Dialogue and foley
Universal Audio 710	Mic preamp	Dialogue and foley
Genelec 8340 SAM	Active monitors	Dialogue and foley
AVID S4 Controller +	Sound mixer – controller +	Dialogue and foley
Avid Hdx	Audio Interface	Dialogue and foley
Apple Mac Mini	Controller computer	Dialogue and foley
Sony VPL-VW270ES	projector	
Apple iMac 27"	Editing computers	Editing Studio
Apple iMac 27"	Editing computers	Editing Studio
Avid NEXIS PRO 40TB	Servers	Data handling
Dell EMC N3024ET-ON Switch	Servers	Data handling
DELL PowerEdge R640	Servers	Data handling
Avid Editorial Management	Mediacentral	Data handling



## 2 Virtual Resources

### 2.1 Introduction

There are constant procurement procedures that are updating our resources, taking into account the popularity of the softwares used by our students and industry.

### 2.2 Resource type

Type	Description	Function in FilmEU
Adobe Creative Cloud CC 2018		
Fireworks		
Acrobat DC		
After Effects		
Photoshop		
Dreamweaver		
Encore		
Flash Professional		
Flash Builder		
Premiere Pro		
Davinci Resolve		
Audition		
Speed Grade		
In Design		
Illustrator		
Bridge		
Prelude CS6		
Animate		
Silicon Studios live ingest		
ProTools Ultimate		

### 2.3 Digital Platforms

Type	Description	Function in FilmEU
<b>Student Services</b>		
Edtech	Office 365	
	Sharepoint	
Email	Outlook	
Wireless network	Local network	

Type	Description	Function in FilmEU
Corporate		
Mobility services	Erasmus Dashboard	
Student records/exams	NEPTUN - Local	

### 3 Virtual Learning Environment Resources

#### 3.1 Introduction

The situation caused by the pandemic made our university react fast to switch to online platform for the purpose of teaching and examination.

#### 3.2 Resource type

Type	Description	Function in FilmEU
Zoom	Video Conferencing	
Microsoft Teams	VLE	
Red Mantra		
Neptun		

#### 3.3 Connectivity issues

Neptun is a national platform that connects all virtual learning environments within the university, but also nationally, and internationally. It is a Unified Study System, that performs the registration and information tasks of the studies, financial administration, educational and organizational tasks of Hungarian higher education institutions. The program can be used flexibly, it takes into account the individual characteristics of the institutions, as well as the different educational structure between the Study and Examination Regulations valid in each institution. Furthermore, the university has a high-speed internet network and wifi connection. The devices of the different educational rooms are connected to each other in an optical cable system.

### 4 Summary

As with other higher education institutions, the mission of the University of Theatre and Film Arts in Budapest is to create educational conditions that are of the highest professional standard. Many successful life paths have started here, and many of the most outstanding consider it an honour to educate the generations that follow.

## LUCA/Belgium

### 1 Physical Resources

#### 1.1 Introduction

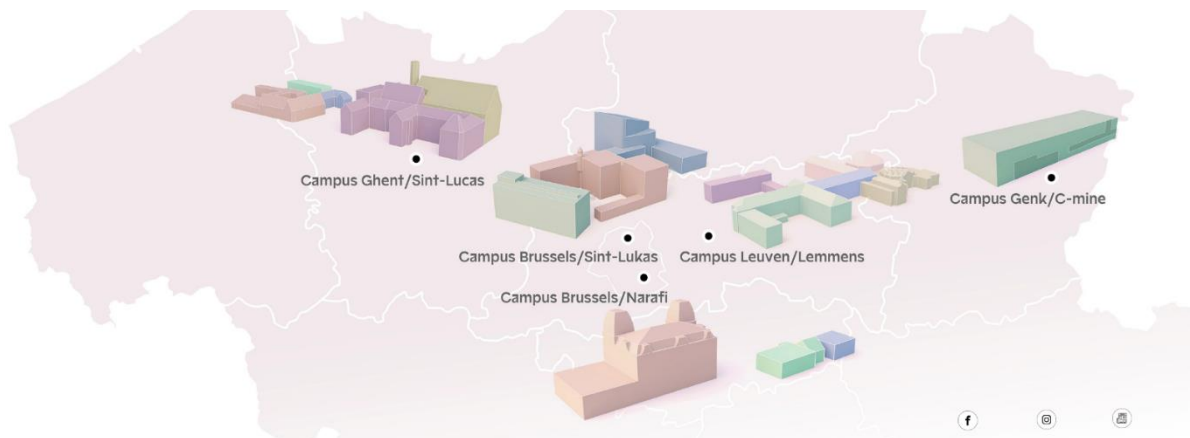
LUCA school of arts is spread over 4 cities in Belgium. Every campus has its own focus and field of expertise. On the Campus Brussels / Narafi, LUCA School of Arts provides BA courses in Film, TV and Video and Photography. Founded in 1939, Narafi is the oldest film and photography school in Belgium. From the beginning, our students found a home in the Duden Castle in the park of the same name.

The teaching of art and architecture on the Sint-Lukas campus in Brussels (Schaarbeek) stretches back more than one hundred years. On this recently renovated campus, young artists and designers can choose from two academic bachelor's degrees and three master's degrees in Fine Art, Photography, Graphic Design, Film, Animation Film and Documentary Film (DocNomads). In addition, as a former architecture school, Sint-Lukas offers professional degree courses in Construction Technology and Interior Design.

C-mine, in Genk, offers an excellent framework for art education. C-mine is an inspiring place for creative entrepreneurship and a breeding ground for young, creative talent. Furthermore, we create an interesting cross-fertilization with the professional field through collaboration with creative organizations and companies.

LUCA campus Sint-Lucas Ghent is located in the historic heart of Ghent. Students not only enjoy a vibrant nightlife, but also a cultural and stimulating environment. Ghent is not only a student city, but also offers many opportunities and initiatives in the field of culture, design and the creative industry.

The Lemmens campus is located on the outskirts of the city in green surroundings, this vibrant campus provides more than 500 students and 250 tutors with a solid logistical framework and a rich infrastructure. The campus bubbles with activity.



The Campus in Genk offers a dynamic vibe between different subject disciplines and the creative industry in the surroundings. Workshops with up-to-date technology include Wacom-cintiq, Renderfarm, Stopmotion studio, Cintiq tablets and VR Glasses. TV and filmsets, editing rooms, audio studio's and production, writing and research facilities. A specialized library offers lending services with state of the art recording and post productions tools. The campus is a hub for entrepreneurs in a historical setting with modern infrastructure.



The labs in Genk focus on digital (interaction) design, using 3D animation techniques, 3D modeling software and game engines. The infrastructure and expertise is put together for researching and teaching filmmaking of the future, for example using VR for virtual production tools and workflows.

The Campus Brussels / Narafi, situated in a renovated castle within a green setting offers our students the mental space for their assignments while state of the art film equipment is at their disposal from the comprehensive rental service. Excellent facilities including a full HD TV studio, editing suites and grading cells complete this professional learning environment.



The Campus Brussels/ Sint-Lukas is situated right in the middle of the patchwork of languages, cultures and religions that the Capital of Europe has to offer. Workshops, studios, high tech print rooms, lending services.... it's all right there in the place artists and designers call their home. The art library is well known for its collection throughout Belgium and its central location makes it a hub for creativity.

The spatial computing lab is a projection cave where students and researchers can engage with kinect and multiple webcams to build interactive 3D projections. The infrastructure is well suited for volumetric cinema research and applications like virtual backdrops with tracked cameras and parallax correction.

The Campus in Ghent is located in the middle of this historic city, with lots of culture, nightlife and stimulating environments. The school has a diverse variety of workshops ranging from audio to ceramics, glass, print, textile, digital techniques. Students frequently organize activities like exhibitions or performances, leading to crossbreeding of disciplines and ideas.



In the lab there is equipment for 3D printing, VR, green keying and tracking/positioning making it an ideal environment for research and teaching along the lines of interactive VR productions.

The Lemmens campus is located on the outskirts of the city in green surroundings, this vibrant campus provides more than 500 students and 250 tutors with a solid logistical framework and a rich infrastructure. The campus bubbles with activity



## 1.2 Spaces

Location	Description	Function in FilmEU	Capacity
Campus NARAFI			
	TV studio		
	White + Bluescreen		
	Film studio (150m2)		
	Film studio (100m2)		
	DAW		
	Editing		
	Grading suite		
	Instruction room		
	Photo Studio 1		
	Photo Studio 2		



Location	Description	Function in FilmEU	Capacity
Campus C-MINE			
	TV studio big		
	TV studio small		
	Audio Studio		
	Edit suites (x4)		
	Grading suite		
	Photo Studio BIG		
	Photo Studio Small		
	Stop Motion Studio		
	Spatial Computing Lab		
	Polymath Lab		



### 1.3 Equipment

Type	Description	Function in FilmEU
<b>AUDIO - Genk</b>		
Accessoire Kenwood Protalk/1		
Accessoire Kramer hoofdtelefoon versterker		
Draadloos Sennheiser AVX MKE-2 set/1		
Draadloos Sennheiser EW-100 G2 set/1		
Draadloos SENNHEISER ew112P G4-A		
Draadloos Sony UWP-C1/1		
Koptelefoon Philips SHP-2000		
Koptelefoon Philips SHP-2500		
Koptelefoon Sennheiser HD200 PRO/1		
Koptelefoon Sennheiser HD-201/1		
Koptelefoon Sennheiser HD-25 SPII/1		
Koptelefoon Sennheiser HD-280		
Koptelefoon Sennheiser HD-575		
Luidspreker Apart Mask-6BL speakers		
Luidspreker Bose Companion 3 speakerset		
Luidspreker Fostex SP11mk2 speakers		
Luidspreker JBL EON 10P G2		
Luidspreker Labtec PC-speakers		
Luidspreker Logitech Z150 speakers		
Luidspreker Sony SRS D-2 speakerset		
Luidspreker Turando PC-speakers		
Microfoon 3 Dio Binaural microfoon/1		
Microfoon AKG C-451/CK2		
Microfoon AKG C-451/CK9		
Microfoon Behringer XM-1800S		
Microfoon Karma DM-770		
Microfoon Rode NTG-2/1		



Type	Description	Function in FilmEU
Microfoon Rode NTG-2/2		
Microfoon RODE NTG-5		
Microfoon Sennheiser e-816		
Microfoon Sennheiser e-845		
Microfoon Sennheiser MD-421/1		
Microfoon Sennheiser MD-441		
Microfoon Sennheiser MKE-400 small shotgun/1		
Microfoon Sennheiser MKH-416/1		
Mixette Sony DMX-P01/1		
Mixette Zoom F-4 Multitrack field recorder/1		
Mixette Zoom F6 Multitrack field recorder		
Mixette Zoom F8 Multitrack Field recorder		
Recorder HHB PDR-1000		
Recorder Tascam DA-P1/1		
Recorder Tascam DR-70D/1		
Recorder Zoom H1 + statief/1		
Recorder ZOOM H4n PRO/1		
Recorder ZOOM H4n/1		
Speakerphone Jabra Speak 410 MS		
Versterker Philips surround FR-975		
<b>Camera - Genk</b>		
Blackmagic Mini Ursa 4K, EF mount/2		
Blackmagic Mini Ursa 4K/1		
Canon 1200D/1		
Canon 30D/1		
Canon 550D + 18-55mm lens/1		
Canon 5D		
Canon 5D Mark II + EF 24-105 mm lens		
Canon 5D Mark II + EF 24-70 mm lens		
Canon 5DSR + EF 24-70 mm lens		
Canon 60D met 18-55mm lens/2		
Canon 60D/1		
Canon 70D + 3 lenzen/1		
Canon Canon 250D met 18-55mm lens		
Canon Eos 700D met efs 18-135mm lens/1		
GoPro Gopro Fusion 360°		
GoPro Hero 3 black edition inc. Micro SD card		
GoPro Hero+/1		
GoPro Set van 6 x GoPro (360°)		

Type	Description	Function in FilmEU
Logitech Webcam C925e		
Mamiya RB-67		
Panasonic AG-DVX100B, CCD, mini DV tape/1		
Panasonic HDC-SD9EG-S		
Phase One camera 645DF+, rug P40+, lens 45mm, lens 80mm		
Ricoh Theta/1		
Sony FS7M2 incl. SELP18110G E-mount lens XDCAM,CMOS		
Sony PD-150P, CCD, mini DV tape		
Sony PMW-320K, XDCAM, CMOS/1		
Sony PMW-EX1R, CMOS, XDCAM/1		
Sony PXW-FS7K + 28-135mm lens, XDCAM, CMOS/1		
Sony PXW-FS7K, XDCAM, CMOS/2, lens E4/PZ 18-110 G OSS		
Sony Sony FS7/M2, XDCAM, CMOS		
Sony Sony PXW-Z90		
Canon 100 mm/1		
Canon 10-22 mm		
Canon 17-40 mm		
Canon 18-200 mm		
Canon 75-300 mm		
Canon EF 75-300mm lens		
Canon TS-E 24 mm/1		
Nikon Nikkor Fisheye		
Nikon PC-E nikkor 24 mm		
Samyang Samyang cine prime lenzenset		
Samyang Samyang VDSLR II Cine lens set		
Sigma EXDG Fisheye lens		
Zunow Zunow WCX-80		
<b>Film/Video - Genk</b>		
Accessoire Aputure cold shoe adapter		
Accessoire Datavideo DAC-70		
Accessoire E4 power supply 12 volt/1		
Accessoire Falcon eyes VRG-S2 shoulder rig		
Accessoire Follow focus Shoot35		
Accessoire Klapper		
Accessoire Lexar C-Fast Card 64 GB/1		
Accessoire Manfrotto camera bracket 143bkt		
Accessoire Mattebox Shoot35 Cinebox		

Type	Description	Function in FilmEU
Accessoire Metabones EF-E mount		
Accessoire Metabones EF-E mount T speed booster Ultra		
Accessoire Sandisk Extreme Pro C-Fast 2,0 reader/writer/1		
Accessoire Sony SBAC-US10 SXS Card reader/writer/1		
Accessoire Sony SXS 16GB card/1		
Accessoire Sony SXS 32 GB card/1		
Accessoire Sony XQD 128 GB geheugenkaart + USB adapter/1		
Accessoire Sony XQD 64GB geheugenkaart		
Accessoire Steadicam Merlin 2/1		
Accessoire Tentacle Sync e standard set		
Accessoire Tilta Nucleus-M		
Accessoire Tilta Nucleus-M wireless follow focus system		
Accessoire Vocas Sony E-mount to PL adapter		
Accessoire WetSuit PXW-FS-7 mark II (camRade)		
Accessoire X-rite I1 Display Pro plus		
Greenkey Molton Greenbox		
Monitor Blackmagic Video Assist/1		
Monitor Ikan VX-7 LCD monitor 7"/1		
Monitor JVC DT-E17L4G referentiemonitor 17"		
Monitor LG UHD MONITOR 4K 27"		
Monitor LG 42" TV/1		
Monitor LG TV 55"		
Monitor Odyssey 7Q monitor + recorder		
<b>Multimedia - Genk</b>		
Accessoire BANNER		
Accessoire Google Glass		
Accessoire Hama Multi Card Reader		
Accessoire Hama SD-kaartlezer/1		
Accessoire Lenovo VR-bril		
Accessoire Microsoft Lifecam Studio		
Accessoire NACON Controller voor PS-4		
Accessoire OCULUS QUEST 2 VR-BRIL		
Accessoire OCULUS QUEST VR-BRIL		
Accessoire Tello Edu Drone		
Accessoire XBOX Controller		

Type	Description	Function in FilmEU
Afspeelapparaat Dune HD Smartbox 4k		
Afspeelapparaat DVD speler Biostek/1		
Afspeelapparaat DVD speler DVX-495		
Afspeelapparaat Philips DVD player DVP-3012		
Afspeelapparaat Sony DVD player DVP-NS30		
Afspeelapparaat Yakuma DVD player DX-4		
Beamer EPSON-EB2250U beamer		
Beamer Hitachi CP-X340 beamer/1		
Beamer Hitachi CP-X958 beamer		
Beamer Mitsubishi HC4900 beamer		
Beamer Mitsubishi SL6U beamer		
Beamer NEC M311W beamer		
Beamer NEC ME-361W beamer		
Beamer NEC NP-300 beamer/1		
Beamer NEC NP-300 beamer/2		
Beamer NEC VT-47 beamer		
Beamer NEC-NP-M271X beamer		
Beamer Optoma pico beamer		
Beamer Sanyo Pro Wide PLC-WXL46A beamer		
Beamer Sony VPL-CX11 beamer		
Geheugendrager Compact Flash (CF) Card Sandisk Extreme 8GB/1		
Geheugendrager SD card Sandisk Ultra 8 GB/1		
Laptop HP ELITEBOOK 845 G7 STUVO		
Monitor Dell Pc scherm/1		
Muis Logitech M500 muis		
Online Streaming/Recording Advanced		
Online Streaming/Recording Basic		
Pen Wacom pen		
Tablet Apple IPAD		
Tablet Samsung Galaxy TAB 2/1		
Tablet Samsung Tab S5e		
Tablet Wacom Bamboo Fun, tekentablet/1		
Tablet Wacom Cintiq Pro 13"		
<b>AUDIO - Brussel</b>		
Accessoire DigiDesign Mbox 2 Mini		
Boom pole Ambient QP4140		
Boom pole Ambient QP470		
Boom pole Ambient QP480		
Boom pole Canford 1580/5 Mark II		

Type	Description	Function in FilmEU
Boom pole LTM		
Boom pole VDB BB-QT		
Boom pole VDB S-QT		
Draadloos AKG HT 45 + SR 45		
Draadloos JBSystems UT-16A + MR-SU9		
Draadloos Sennheiser SK100 G2 + EK100 G2		
Draadloos Sennheiser SK100 G2 + EM100 G2		
Draadloos Sennheiser SK100 G3 + EK100 G3		
Draadloos Sennheiser SK100 G4 + EK100 G4		
Draadloos Sennheiser SKM 65 + EM 10		
Geluidsinstallatie Yamaha Stagepas 600BT		
Koptelefoon BeyerDynamic DT 100		
Koptelefoon Gembird MHP-903 32 Ohm		
Koptelefoon Jabra Evolve2 40 MS		
Koptelefoon JBL Tune 500		
Koptelefoon JVC HA-RX330-E		
Koptelefoon Philips		
Koptelefoon Sennheiser HD 25-1 70 Ohm		
Koptelefoon Sennheiser HD 25-SP II 60 Ohm		
Koptelefoon Sony MDR-CD270		
Luidspreker Dell AX210		
Luidspreker Harman/Kardon HK395		
Luidspreker iPod Hi-Fi A1121		
Luidspreker Sony SMS-1P		
Luidspreker Yamaha Monitor Speaker MS101II		
Luidspreker Yamaha Monitor Speaker MS101III		
Luidspreker Yamaha Monitor Speaker MSP3		
Mengpaneel LTO AMX-120		
Mengpaneel Peavey Escort 2000		
Microfoon AKG C 1000 S		
Microfoon AKG C 3000 B		
Microfoon Devine SM-200 (stereo)		
Microfoon Neumann TLM 103		
Microfoon Røde NT3		
Microfoon Røde USB-NT		
Microfoon Sanken CS-1		
Microfoon Sennheiser MD 421 II		
Microfoon Sennheiser MD 425		
Microfoon Sennheiser MKE 400		
Microfoon Sennheiser MKE 44P		
Microfoon Sennheiser MKH 30		

Type	Description	Function in FilmEU
Microfoon Sennheiser MKH 40		
Microfoon Sennheiser MKH 416		
Microfoon Sennheiser MKH 416T		
Microfoon Sennheiser MKH 50		
Microfoon Sennheiser MKH 60		
Microfoon Sony Electret ECM-MS957		
Microfoon Zoom SSH-6 capsule		
Mixette Sound Devices 302		
Mixette SQN-3 Type M		
Recorder Marantz PMD660		
Recorder Nagra IV-S		
Recorder Sound Devices 702		
Recorder Tascam DA P1		
Recorder Tascam HD-P2		
Recorder Zoom H1		
Recorder Zoom H4n		
Recorder Zoom H4n Pro		
Recorder Zoom H5		
Recorder Zoom H6		
Set Sound Devices 302 + 702		
Set Sound Devices 302 + 702T		
Set Sound Devices 833		
Speakerphone Jabra Speak 410 MS		
Versterker Behringer MicroAMP HA400		
Versterker Line 6 Spider IV 15 15-watt 1x8 Modeling Guitar Amplifier		
<b>Camera - Brussel</b>		
Accessoire Adapter Canon EF/EFS-EF M		
Accessoire Adapter Nikon FTZ		
Accessoire Adapter Sigma MC-11		
Accessoire GoPro Hero 8 Light Mod (LED)		
Accessoire LED-lamp F&V HDV-Z96		
Arri Flex 16 SR II		
Arri HS Arri 16 SR Evolution		
Bauer Bauer C104XL + 9-36mm f/1.7		
Blackmagic Pocket Cinema 6K		
Blackmagic Ursa Mini		
Bolex H16 Relfex + 16-86mm f/2.5		
Canon Auto Zoom 512XL Electronic + 9.5-47.5mm f/1.2		
Canon EOS 5		

Type	Description	Function in FilmEU
Canon EOS 50		
Canon EOS 500N		
Canon EOS 5D Mark II + 50mm f/1.4		
Canon EOS 60D + 17-85mm f/4-5.6		
Canon EOS 650D + 18-55mm f/3.5-5.6		
Canon EOS 6D + 50mm f/1.4		
Canon EOS 70D + 18-55mm f/3.5-5.6		
Canon EOS 7D + 17-55mm f/2.8		
Canon EOS 7D Mark II + 35mm f/2.0		
Canon EOS 80D + 18-55mm f/3.5-5.6		
Canon EOS 90D + 18-55mm f/3.5-5.6		
Canon EOS C200		
Canon EOS M + 18-55mm f/3.5-5.6 + 22mm f/2		
Canon EOS M6 Mark II + 15-45mm f/3.5-6.3		
Canon G11 + 6.1-30.5mm f/2.8-4.5		
Canon G16 + 6.1-30.5mm f/1.8-2.8		
Canon HV30E		
Canon Legria HF M41E		
Canon Legria HF R506		
Canon Legria HV40E		
Canon XH A1 E		
Fluke IR FlexCam Thermal Imager Ti40		
GoPro Hero 3		
GoPro Hero 4		
GoPro Hero 8		
JVC GR-DV500E		
Logitech C925e		
Lomography Lomokino/Lomokinoscope Super 35		
Nikon Coolpix W300		
Nikon D300 + 50mm f/1.8		
Nikon D610 + 50mm f/1.4		
Nikon D700 + 60mm f/2.8		
Nikon D80 + 18-105mm f/3.5-5.6		
Nikon D80 + 18-135mm		
Nikon D80 + 18-70mm f/3.5-4.5		
Nikon D810 + 24mm f/1.4		
Nikon D810 + 50mm f/1.4		
Nikon D90 + 18-70mm f/3.5-4.5		
Nikon FE		
Nikon FM2		



Type	Description	Function in FilmEU
Nikon FM3A		
Nikon Z6 + 50mm f/1.8		
Nikon Z7 + 24-70mm f/2.8		
Nizo S 800 + 7-80mm f/1.8		
Panasonic Lumix DMC-TZ80		
Polaroid 600 Instant Camera		
Sony Alpha 7 III + 24-70mm f/2.8 GM		
Sony Alpha 7 III + 55mm f/1.8		
Sony Alpha 7R III + 24-70mm f/2.8 GM		
Sony Alpha 7R III + 55mm f/1.8		
Sony DCR-HC42E		
Sony DCR-HC46		
Sony DCR-TRV22E		
Sony DSR-PD150P		
Sony DSR-PD170P		
Sony HVR-Z1E		
Sony HVR-Z5E		
Sony XDCAM PMW-EX1		
Sony XDCAM PXW-Z150		
Film/Video Brussel		
3mx5m Molton zwart 300 g/m <sup>2</sup> infini-doeken		
Accessoire 3D SSD SanDisk Ultra 500GB		
Accessoire Clapperboard		
Accessoire Follow Focus Chrosziel 201		
Accessoire Follow Focus Chrosziel 204		
Accessoire Lastolite Chromakey Collapsible Blue/Green 180x210cm		
Accessoire Lastolite Chromakey Curtain Green		
Accessoire Lastolite EzyBalance Reflector		
Accessoire Lastolite XpoBalance Calibration		
Accessoire Mattebox Chrosziel 415		
Accessoire Mattebox CHRV401-30		
Accessoire Monitor Support Magic Arm		
Accessoire Monitor Support Vocas Noga Holdit		
Accessoire Monitor Support Vocas Noga Holdit		
Accessoire Motorola P14XTA03A1AH (2x)		
Accessoire Motorola TLKR T7 (2x)		
Accessoire Vocas Gear Ring (3x)		
Analoog Blimp Barney SR11 Evolution		
Analoog Harrison Film Pup Tent		

Type	Description	Function in FilmEU
Analoog Super-8 monitor Yashica 8PE-RS		
Analoog Super-8 projector Eumig Mark 610D		
Monitor Atomos Ninja Flame		
Monitor Atomos Shogun Flame		
Monitor Atomos Shogun Inferno		
Monitor Barco DCD 2740 F		
Monitor Barco SCM 2850 S		
Monitor Elro HVM1923AS4		
Monitor JVC TM-H150CG		
Monitor JVC TM-H1950CG		
Monitor Shibaden		
Monitor Sony CVM1371QE		
Monitor Sony KV-14LM1B		
Monitor Sony KV-14LM1E		
Monitor Sony LMD-9020		
Monitor Sony PVM-14L1		
Monitor Sony PVM-20L1		
Monitor Sony PVM-2130QM		
Monitor Sony PVM-9020ME		
<b>Multimedia Brussel</b>		
Accessoire Conference Cam Logitech Connect		
Accessoire Elgato Video Capture HD60 S		
Accessoire Projecta Projectiescherm 77" tripod		
Afspeelapparaat Audio Video Player Archos		
Afspeelapparaat Bluesky DV900		
Afspeelapparaat Dune HD Smartbox 4K		
Afspeelapparaat Dune HD Solo 4K TV-206WT2Z		
Afspeelapparaat JVC HR-J585EU		
Afspeelapparaat JVC XV-N212S		
Afspeelapparaat JVC XV-N33SL		
Afspeelapparaat LG BP350		
Afspeelapparaat LG DP132		
Afspeelapparaat LG DVD5183		
Afspeelapparaat Marantz CD-38		
Afspeelapparaat Mediaplayer BrightSign		
Afspeelapparaat Mediaplayer BrightSign		
Afspeelapparaat Mediaplayer BrightSign		
Afspeelapparaat Philips DVD612S		
Afspeelapparaat Philips DVDR3380/31		

Type	Description	Function in FilmEU
Afspeelapparaat Philips DVP3005		
Afspeelapparaat Philips DVP3142/12		
Afspeelapparaat Samsung BD-P1400		
Afspeelapparaat Samsung DVD-S225		
Afspeelapparaat Samsung DVD-S424		
Afspeelapparaat Sanyo VHP-Z3REE		
Afspeelapparaat Sony BDP-S380		
Afspeelapparaat Sony DVP-NS300		
Afspeelapparaat Sony DVP-NS328		
Afspeelapparaat Sony DVP-NS355		
Afspeelapparaat Sony DVP-NS400D		
Afspeelapparaat Sony EV-C400E		
Afspeelapparaat Sony RDR-GX210		
Afspeelapparaat Sony SLV-D950E		
Afspeelapparaat Sony SLV-SE600E		
Afspeelapparaat Sony SLV-SE620E		
Afspeelapparaat Sony SLV-SE630E		
Afspeelapparaat Thomson DTH 195 E		
Afspeelapparaat VHS-C Cassette Converter		
Beamer 3M MP7740i		
Beamer 3M X20		
Beamer Acer C112 KVV0015		
Beamer BENQ MS612ST		
Beamer Canon LV-S300		
Beamer Dell 2400MP		
Beamer Dell 4100MP		
Beamer Diaprojector Leitz Leica Pradovit		
Beamer Diaprojector Leitz Leica Pradovit		
Beamer Epson EMP-TW1000		
Beamer LG LP-XG2		
Beamer NEC NP200		
Beamer NEC NP310		
Beamer NEC NP-M230X		
Beamer NEC NP-M260X		
Beamer NEC NP-M311W		
Beamer NEC NP-M403H		
Beamer NEC VT670		
Beamer NEC VT676		
Beamer Optoma ZH403		
Beamer Sanyo PLC-XU300A		
Desktop Apple Mac Mini		

Type	Description	Function in FilmEU
Geheugendrager HDD Maxtor One Touch 200GB		
Geheugendrager HDD WD 500GB		
Geheugendrager USB 2.0 Curia 2GB		
Geheugendrager USB 2.0 Emtec 1GB		
Geheugendrager USB 2.0 Hepl 4GB		
Geheugendrager USB 2.0 Integral 8GB		
Geheugendrager USB 2.0 Klina 1GB		
Geheugendrager USB 2.0 LaCie 8G		
Geheugendrager USB 2.0 Medion 16GB		
Geheugendrager USB 2.0 Rabbit 8G		
Geheugendrager USB 2.0 SanDisk Cruzer Blade		
Geheugenlezer Dynex All-in-One Memory Card Reader DX-CR312		
Geheugenlezer Hama USB 2.0 Card Reader		
Geheugenlezer Hama USB 3.0 Multi Card Reader		
Geheugenlezer Kraun Multicard Reader 60 in 1		
Geheugenlezer SanDisk ImageMate CF Reader SDDR-92		
Geheugenlezer Sony SBAC-US10		
Geheugenlezer StarTech CFASTRWU3		
Geheugenlezer StarTech CFASTRWU3C		
Geheugenlezer StarTech FCREADU3C		
Laptop Apple MacBook Pro A1398		
Laptop Apple PowerBook G4 A1096		
Laptop Dell Latitude E6420		
Laptop Dell Latitude E6430		
Laptop Dell Latitude E6510		
Laptop HP Compaq nc6120		
Laptop HP Elitebook 845 G7 STUVO		
Licentie Dongle Altiverb 7		
Licentie Dongle Da Vinci Resolve		
Licentie Dongle Izotope		
Licentie Dongle ProTools HD		
Licentie Dongle Waves		
Lichtbak Artograph Lightracer II 225-478		
Monitor Apple Cinema HD Display A1082		
Monitor Cover Stand Samsung BN63-10264X		
Monitor Cover Stand Samsung BN63-10409X		
Monitor Dell S2309Wb		

Type	Description	Function in FilmEU
Monitor Samsung DB40E		
Monitor Samsung DC32E		
Monitor Samsung UE50TU7020W		
Online Streaming/Recording Advanced		
Online Streaming/Recording Basic		
Schrijfapparaat Bluray-writer LaCie d2 301856U		
Schrijfapparaat DVD-writer LaCie d2		
Tablet Apple iPad Mini A1538		
Tablet Wacom Cintiq 16		
Tablet Wacom Cintiq Pro DTH-1620		
Tablet Wacom Intuos 2 Graphics Tablet XD-0608-U		
Tablet Wacom Intuos 2 Graphics Tablet XD-0912-U		
Tablet Wacom Intuos 3 Graphics Tablet PTZ-630		
Tablet Wacom Intuos 3 Graphics Tablet PTZ-930		
Tablet Wacom Intuos Medium Pen Tablet PTH-651		
Tablet Wacom Intuos Pen & Touch Small Pen Tablet CTH-480		
Tablet Wacom Intuos Pro PTH-660-S		
<b>AUDIO Gent</b>		
Accessoire DC-USB1		
Accessoire Novation Launchkey 25 MK2 MIDI keyboard		
Accessoire RODEcaster Pro - podcast console		
Boom pole Ambient QP565		
Boom pole Rode Boompole 5-delig 3 meter		
Geluidsinstallatie HK Lucas nano 600		
Interface-USB Behringer U-Phoria		
Koptelefoon Beats EP		
Koptelefoon Behringer koptelefoon BH470		
Koptelefoon Jabra Evolve2 40 MS		
Koptelefoon Standaard		
Luidspreker DAP audio PSS-112 portable sound system		
Luidspreker Dell Zylux Multi media speaker		
Luidspreker JBL LX-20		
Luidspreker Mackie CR4		

Type	Description	Function in FilmEU
Luidspreker metro audio system MX100		
Luidspreker Metro audio system PL8B speaker		
Luidspreker Metro audio system PL8W		
Mengpaneel Behringer Xenyx1204FX		
Mengpaneel Soundcraft EFX12		
Mengpaneel Xenyx 1202fx		
Microfoon AKG SE300B		
Microfoon AKG C-1000		
Microfoon Behringer C-1U		
Microfoon Rode NTG-4		
Microfoon Rode RL-FILM		
Microfoon Sennheiser E914		
Microfoon Sennheiser ME66 + K6		
Microfoon Sennheiser MKH416 P48		
Microfoon Shure Beta 58A		
Microfoon Shure SM7B		
Mixette Shure FP33		
Recorder Sony PCM-M10		
Recorder Tascam DR-40		
Recorder Zoom H4n		
Recorder Zoom H4n Pro		
Recorder ZOOM H5 handy recorder		
Recorder ZOOM H6 handy recorder		
Speakerphone Jabra Speak 410 MS		
statief audiostatief		
statief tafelstatief met zware voet		
Versterker IMG STA-502		
Versterker Metro audio system M-110		
<b>Camera Gent</b>		
Accessoire 360FLY 4K		
Blackmagic Pocket Cinema Camera 4K		
Canon 250D + 18-55mm objectief		
Canon 50 mm Lens		
Canon 750D		
Canon Battery Grip BG-13		
Canon EOS 6D BBV-filmset		
Canon EOS 6D BBV-filmset 24-70mm objectief		
Canon EOS 6D BBV-filmset 28mm en 50mm objectief		
Canon EOS 6D BBV-filmset 35mm en 50mm objectief		

Type	Description	Function in FilmEU
Canon Legria HFG25		
Canon Powershot G7X Mark II		
Canon XA30		
Canon XF200 HD CAMCORDER		
GoPro Hero 7		
Logitech C925e		
Panasonic LUMIX DMC-GH5		
Sony Alpha 7s + Canon 24-70mm objectief		
Sony NXCAM HXR-NX5E		
Sony Systeemcamera Sony RX100III		
<a href="#">Film/Video. Gent</a>		
Accessoire Professionele Director Clapper white/BW		
Analoog TV Beeldbuis Analoog Philips		
Greenkey Lastolite LL LB7622		
<a href="#">Multimedia Gent</a>		
Afspeelapparaat Minix Neo X8-H		
Afspeelapparaat Minix Neo Z83-4		
Afspeelapparaat Philips DVP3100		
Afspeelapparaat Philips DVP3350		
Afspeelapparaat Sony BDP-s1700		
Beamer NEC M403H		
Beamer NEC ME361W		
Beamer NEC NP200		
Beamer NEC NP-300W		
Beamer NEC NP310G		
Beamer NEC RESERVE		
Beamer OPTOMA GT1070Xe DLP Projection Display		
Beamer Sanyo		
Beamer Sony VPL-CX86		
Beamer SONY VPL-DW120		
Desktop iMac type 1		
Desktop iMac type 2		
Desktop iMac type 3		
Desktop MacMini		
Geheugenlezer EWENT Smart Card Reader		
Laptop Apple MacBook Air "Core i5" 1.6 13" (Late 2018)		
Laptop DELL Latitude E5430		

Type	Description	Function in FilmEU
Laptop Dell Latitude E5570		
Laptop HP Elitebook 745 G5		
Laptop HP Elitebook 845 G7 STUVO		
Laptop MacBook 12"		
Laptop MacBookAir		
Lichtbak Diaprojector Kodak Ektapro 320		
Lichtbak Diaprojector Kodak Ektapro 5000		
Lichtbak Overheadprojector		
Monitor DELL monitor 2208WFP		
Monitor Samsung UE32N4000		
Monitor Sony KD 65xg8505		
Online ATEM Mini Pro		
Online Streaming/Recording Advanced		
Online Streaming/Recording Basic		
Online Ultrastudio recorder 3G		
Tablet Apple Pencil (1ste gen)		
Tablet iPad 128Gb (7th generation)		
Tablet WACOM CTE-640		
Audio – Leuven		
Accessoire Controller Akai APC Key 25		
Accessoire Controller Akai APC mini		
Geluidsinstallatie PA		
Interface-USB PreSonus-audiobox		
Koptelefoon Jabra Evolve2 40		
Luidspreker PC		
Microfoon ATM 610		
Microfoon N/D 767a		
Microfoon SM58		
Microfoon USB		
Microfoon WM-5220 Draadloos		
Speakerphone UC, USB		
DI-box BSS AR 133		
Loopstation Boss RC3		
Loopstation Boss RC30		
Luidspreker DAP DRX-10A		
Luidspreker db Technologies K70		
Luidspreker i-Dance Groove 210		
Luidspreker LD Systems Stinger 8A		
Luidspreker Mackie SRM 450 V3		
Luidspreker Yamaha MSR400		



Type	Description	Function in FilmEU
Mengpaneel Behringer Xenyx 1202		
Mengpaneel Behringer XENYX X2442USB		
Mengpaneel Mackie 1402VLZ4		
Microfoon Samson DE10		
Microfoon Sennheiser ME66 met K6P powermodule		
Microfoon Shure SM58		
Set Behringer Podcaststudio USB B-PODUSB		
Set m-audio - microtrack ii audiorecorder		
Set Sennheiser XS Wireless 2 XSW2-ME3		
Set Yamaha n12 mengtafel		
Set zoom H2N audiorecorder		
Set zoom h4n audiorecorder		
Versterker Laney RBW 100		
Versterker Stage Line SPR-6		
<b>Camera - Leuven</b>		
Canon Legria HF G26		
Panasonic HC-X900		
Panasonic HC-X920		
<b>Multimedia – Leuven</b>		
Accessoire Powerpoint Presenter		
Accessoire Webcam		
Afspeelapparaat Blu Ray CD		
Afspeelapparaat CD-speler		
Beamer NEC-PROJ475-blauwe box		
Beamer NEC-PROJ476-oranje box		
Beamer NEC-PROJ477-witte box		
Geheugendrager USB		
Laptop Dell LEM-LTE5480-4		
Laptop Dell LEM-LTE7450-2		
Online Streaming/Recordingkit Advanced		
Online Streaming/Recordingkit Basic		
<b>AUDIO - Vorst</b>		
Accessoire Allen & Heath ME-1		
Accessoire Ambient Lockit Synchronizer ACL 201-II		
Accessoire Ambient Tiny Lockit ACN-TL		
Accessoire Sennheiser A2003 UHF		
Accessoire Sound Devices WM-Connect		

Type	Description	Function in FilmEU
Boom pole Ambient QP 480		
Boom pole Lightwave A5		
DI-box Behringer Ultra-DI DI20		
DI-box Boss Direct Box DI-1		
DI-box BSS Audio AR-133		
DI-box ProD2 Stereo Direct Box		
Draadloos Audio Limited A10TX + A10-RX		
Draadloos Micron SDR256.116 + TX7256.716		
Draadloos Micron TX501.2 + SDR570.2		
Draadloos Röde Wireless Go		
Draadloos Rödelink Filmmaker Kit		
Draadloos Sennheiser EW100-G3 + EW300IEM-3 + plofkap		
Draadloos Sennheiser SK100-G3 + EK100-G3		
Draadloos Sennheiser SK100-G4 + EK1EM-G4		
Draadloos Sennheiser SK100-G4 + SKP100-G4 + EK100-G4		
Draadloos Sennheiser SK300-G3 + EM300-G3		
Koptelefoon Halter Technical SM1 + Audioverleng 3m M/F		
Koptelefoon Jabra Evolve2 40 MS		
Koptelefoon Philips		
Koptelefoon Sennheiser HD 202		
Koptelefoon Sennheiser HD 25 70 Ohm		
Koptelefoon Sennheiser HD 25-1 II 70 Ohm		
Koptelefoon Sennheiser HD 25-SP II 60 Ohm		
Koptelefoon Sennheiser HMD 25-1 600 Ohm		
Koptelefoon SHURE INEAR SE215		
Luidspreker HQ-MEGAPHONE30		
Luidspreker Logitech Speakers Z130		
Luidspreker Turbosound iQ15		
Luidspreker Yamaha MS20S		
Microfoon Audio-Technica ATM250DE		
Microfoon Audio-Technica Pro 35		
Microfoon BeyerDynamic M58		
Microfoon BeyerDynamic MCE 86		
Microfoon DPA 4071 (2x)		
Microfoon Electro-Voice RE20		
Microfoon Neumann KMS 105		
Microfoon Neumann TLM-103		
Microfoon Röde NTG-1		
Microfoon Röde Videomic Rycote Lyre MK2		

Type	Description	Function in FilmEU
Microfoon Sanken COS-11D PT		
Microfoon Sennheiser E 904		
Microfoon Sennheiser E 906		
Microfoon Sennheiser ME 102 (XLR)		
Microfoon Sennheiser ME 104 (XLR)		
Microfoon Sennheiser ME-2 (2x)		
Microfoon Sennheiser ME-66 + Rycote softie		
Microfoon Sennheiser MKH 416		
Microfoon Sennheiser MKH 50		
Microfoon Shure 55SH		
Microfoon Shure Beta 52A		
Microfoon Shure Beta 57A		
Microfoon Shure KSM8		
Microfoon Shure SM-57		
Microfoon Shure SM-58		
Microfoon Sony C-48		
Microfoon Stereo		
Microfoon Warm Audio WA-14		
Microfoon Warm Audio WA-84 condensator stereo set		
Mixette Sound Devices 442N		
Mixette SQN 4S II		
Mixette SQN 4S IIIa		
Mixette SQN 4S IVE		
Mixette SQN 4S Mini		
Recorder Sound Devices 633		
Recorder Sound Devices 722		
Recorder Sound Devices 788T + CL-8		
Recorder Tascam DR-40		
Recorder Tascam HD-P2		
Speakerphone Jabra Speak 410 MS		
Versterker Sound Devices MM-1		
Camera - Vorst		
Accessoire Adapter Metabones Canon EF / E Mount T		
Accessoire Adapter Metabones PL / E Mount T		
Accessoire Naraplu		
Accessoire Waterproof Case Dicapac WP-S10		
Accessoire Wetsuit CamRade PMW-200		
Accessoire Wetsuit CamRade WS-PXW-FS7M2		
Arri Amira		

Type	Description	Function in FilmEU
Cambo TC + 150mm f/5.6		
Cambo TC + 210mm f/5.6		
Cambo TC + 90mm f/8		
Cameralamp Tristar 4+		
Canon EOS 10D		
Canon EOS 50		
Canon EOS 5D Mark II + 50mm f/1.8 II		
Canon EOS 5D Mark II + 50mm f/1.8 STM		
Canon EOS 5D Mark II + Rig Manfrotto Sympla		
Canon EOS 5D Mark IV + 50mm f/1.4		
Canon EOS 5D Mark IV + 50mm f/1.8		
Hasselblad 2000FC + 60mm f/3.5		
Hasselblad 501C + 120mm f/4		
Hasselblad 501C + 150mm f/4		
Hasselblad 503CX(i) + 80mm f/2.8		
Hasselblad 903SWC + 38mm f/4.5		
JVC GY-HD750E + 4.4-62mm f/1.6		
Logitech C925e		
Mamiya RZ-67 + 110mm f/2.8		
Nikon D300 + 17-55mm f/2.8		
Nikon D3s + 50mm f/1.8		
Nikon D750 + 50mm f/1.4 (UV-filter)		
Nikon D800E + 24-70mm f/2.8		
Nikon D810 + 50mm f/1.8 (UV-filter)		
Nikon D850 + 50mm f/1.8 (UV-filter)		
Nikon Z6 + 24-70mm f/4		
Nikon Z7 + 24-70mm f/4		
Olympus OM-1 + 28mm f/2.8 + 35-70mm f/4 + 70-210mm f/3.5		
Panasonic LUMIX DC-G90M		
Panasonic LUMIX DC-GH5		
Panasonic LUMIX DC-GX9K		
Panasonic LUMIX DC-S1		
Panasonic LUMIX GH5-S		
Panasonic LUMIX S1-H		
Sony Alpha 7 III + 35mm f/1.8		
Sony Alpha 7 III + 55mm f/1.8		
Sony HVR-Z5E + 4.1-82mm f/1.6		
Sony HVR-Z7E + 4.4-52.8mm f/1.6		
Sony HXR-NX3 + 4.1-82mm f/1.6		
Sony HXR-NX5R + 4.1-82mm f/1.6		

Type	Description	Function in FilmEU
Sony PXW-FS7 + 18-110mm f/4		
Sony XDCAM PDW-F335 + 5.5-94mm f/1.4		
Sony XDCAM PXW-X320 + 5.8-93mm f/1.9		
Sony XDCAM PXW-Z190V + 3.7-92.5mm f/1.6		
Virtual Reality Insta 360 Pro + Vive HTC OPJT100 + Alienware P69F		
<b>Film/Video - Vorst</b>		
Accessoire Camlamp Bebob		
Accessoire DOP-LOG		
Accessoire Kenwood TK-3401D-E (6x)		
Accessoire Kenwood TK-3701D-E (6x)		
Accessoire Mattebox & Follow Focus		
Accessoire Saddle Bag Camera		
Monitor Small HD 702 Bright 7"		
Monitor Transvideo CineMonitor HD15		
Monitor Transvideo CineMonitor HD15 (3D)		
Monitor Transvideo CineMonitor HD8		
Monitor TVLogic LVM-170A		
<b>Multimedia - Vorst</b>		
Afspeelapparaat Dune HD Smartbox 4K TV- 175L		
Afspeelapparaat DVD/Blu-ray		
Beamer Epson H293B (BM-XL)		
Beamer NEC NP310G (BM-05)		
Beamer NEC NP-M260W (BM-02)		
Beamer NEC NP-M311W (BM-04)		
Beamer NEC VT540K (BM-03)		
Beamer NEC VT660K (BM-01)		
Beamer NEC VT670		
Calibrator Xrite i1 Display		
Desktop HP Z4		
Geheugendrager Geheugenkaart Compact Flash Integral 8GB		
Geheugendrager Geheugenkaart Compact Flash Lexar Premium 1GB		
Geheugendrager Geheugenkaart Compact Flash SanDisk 128MB		
Geheugendrager Geheugenkaart Compact Flash Transcend 32GB		
Geheugendrager Geheugenkaart Compact Flash Transcend 8GB		

Type	Description	Function in FilmEU
Geheugendrager Geheugenkaart SD BarunFlash 2GB		
Geheugendrager Geheugenkaart SD Ediol 512MB		
Geheugendrager Geheugenkaart SD SanDisk 2GB		
Geheugendrager Geheugenkaart SD Transcend 2GB		
Geheugendrager Geheugenkaart SDHC Dane-Elec 8GB		
Geheugendrager Geheugenkaart SDHC Kingston 16GB		
Geheugendrager Geheugenkaart SDHC König 32GB 20MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Extreme 16GB 60MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Extreme 32GB 90MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Ultra 16GB 30MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Ultra 16GB 80MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Ultra 32GB 80MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Ultra 8GB 15MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Ultra 8GB 40MB/s		
Geheugendrager Geheugenkaart SDHC SanDisk Ultra II 4GB 15MB/s		
Geheugendrager Geheugenkaart SDHC Verbatim 32GB 90MB/s		
Geheugendrager Geheugenkaart SDHC Verbatim 8GB 30MB/s		
Geheugendrager Geheugenkaart SDXC SanDisk 64GB 95MB/s		
Geheugendrager Geheugenkaart SDXC SanDisk Extreme Pro 64GB 170MB/s		
Geheugendrager Geheugenkaart SDXC Transcend 64GB 30MB/s		
Geheugendrager Geheugenkaart SDXC Verbatim 64GB 70MB/s		
Geheugendrager Geheugenkaart SDXC-64GB 80MB/s		
Geheugendrager Geheugenkaart XQD Sony QD-G64E 64GB		

Type	Description	Function in FilmEU
Geheugendrager HDD Iomega GDH DU2 2TB		
Geheugendrager HDD Lacie d2 Quadra V2 1TB		
Geheugendrager HDD Lacie MS35U3 2TB		
Geheugendrager HDD Medion U-ATA 100 250GB		
Geheugendrager SSD Lacie Rugged USB-C 2TB LRD0TU6		
Geheugenlezer Delkin Devices XQD Card Adapter		
Geheugenlezer König All-in-One Media Card Reader USB 2.0		
Geheugenlezer König USB 2.0 35-In-1 Multi Card Reader / Writer		
Geheugenlezer Nedis All-In-One Media Card Reader USB 2.0		
Geheugenlezer Sony PDW-U1		
Geheugenlezer Sony XQD/SD Card Reader		
Laptop Apple MacBook Air 13" (2018)		
Laptop Apple MacBook Air A1466 (2014)		
Laptop Apple MacBook Air A1932		
Laptop Apple MacBook Pro 13" (2018)		
Laptop Apple MacBook Pro A1285 (2008)		
Laptop Apple MacBook Pro A1286 (2010)		
Laptop Apple MacBook Pro A1398		
Laptop Apple MacBook Pro A1708		
Laptop Apple MacBook Pro A2141		
Laptop Dell Latitude E6520		
Laptop HP Elitebook 845 G7		
Licentie Pro Tools		
Monitor Dell 2408WFPb		
Monitor Samsung 205BW		
Omvormer Belkin Thunderbolt 2 Express Dock HD F4U085		
Omvormer HDMI SDI Converter		
Omvormer HDMI UTP EXTENDER 30 (HUE30)		
Omvormer HDMI UTP EXTENDER 50 (HUE50)		
Online Streaming/Recording Advanced		
Online Streaming/Recording Basic		
Tablet Wacom Intuos Pen & Touch CTH-490/K		

## 2 Virtual Resources

### 2.1 Introduction

Software is very accessible to students (educational pricing) so this list is very generic. Software listed here is commonly used in a relevant FilmEU teaching domain.

Type	Description	Function in FilmEU
C4D	3D	
Adobe Suite	Gfx tools	
Ableton Live	Audio tools	
Unity	Game tools	
Blender	3D	
DaVinci Resolve		
Protools		
Dragonframe		

## 3 Virtual Learning Environment Resources

### 3.1 Introduction

Sitewide cloudbased tools for teachers and students are listed below. They are currently used in home-teaching scenarios (COVID) and could be part of a bigger VLE.

### 3.2 Resource type

Type	Description	Function in FilmEU
BOX	File sharing	
Colabo	Video/chat	
Blackboard	VLE	

### 3.3. Connectivity issues

On all campuses Eduroam (campusroam) Wi-Fi is available with great coverage and bandwidth. This allows both students and teaching staff to start working as soon as they open their laptops without looking for passwords. Dedicated infrastructure can be connected to wired networks with ICT approval.

## 4 Summary

The distributed nature of the LUCA film infrastructure allows for a local testbed of remote collaborations. This can be an asset in the FilmEU project as it allows for smaller scale testing



setups within the organisation. Every campus has complete coverage and yet they each have their own focus allowing for specific contributions along the FilmEU pipeline.

---

## Conclusion

### Physical Spaces

The culmination of these four European Higher Education Institutions: Lusófona University from Lisbon, Portugal; SZFE – University of Theatre and Film Arts, from Budapest, Hungary; LUCA School of Arts from Belgium; and Dún Laoghaire Institute of Art Design and Technology, from Dublin, Ireland offer a variety of physical assets across four European countries and over seven campuses. The physical resources offered by the institutions accommodate all aspects of film production and pedagogy. State of the art studios including, film, television, animation, post-production, and sound facilitate high level productions and short workshops alike.

The aim of this research is to design and implement a digital and physical infrastructure to manage, support and facilitate learning and research across all the campuses of the University. This will be our shared campus –a cultural and creative hub for all those who have an interest in traditional film practices and increasingly in new and emerging disciplines at the intersection of film and technology. Cataloguing the physical assets and infrastructure of the consortium at this stage will allow the design of the individual labs. It will also allow for collaboration to begin and lab frameworks to be designed. The four labs within FilmEU are StoryLab in IADT, Volumetric Cinema Lab in Lusofona, Immersive Sound Lab in SZFE and XR Lab in LUCA.

### Virtual Spaces

The audit of virtual spaces already established within the consortium is to aid the implementation of the pilot phases of this project. Digital solutions already being used across the majority of the institutions include Avid, Protools, DaVinci Resolve and Adobe Creative Suite can facilitate cross collaboration on film productions, and collaborative projects. The current VLE being used across the consortium is Microsoft Teams, which will facilitate the implementation of pilot courses, student coursework, assignments and virtual classrooms. This pilot phase will illuminate the Scope and test possible solutions that can leverage existing systems and allow true collaboration across multiple locations. Furthermore, this audit will aid in WP 8 design of the novel VLE in the alliance Lusofana X. The implementation of which will be undertaken by WP 8 and will leverage existing LCMS Moodle in the partner institutions.

The key aim is to allow students to move between centres and work independently and/or concurrently in each centre, seamlessly and without having to move their assets with them. Having a robust digital and physical infrastructure in the form of dedicated labs on all the campuses will be vital to its success.

## Next Steps

Resulting from this audit of physical and virtual infrastructures, the WP5 working group will proceed to design a framework for D5.2 including the individual labs development and the FilmEU dashboard design. This infrastructure will be a key differentiating aspect of our European University since it materialises its positioning in the multidisciplinary field of artistic creation and experimentation, while reinforcing its international and cooperative dimensions. This hub is also a key driving element of the proposed Samsara model, since project development and associated mobility are dependent on the facilities and resources offered by this network of labs. We have named this network FILMEU HUB.

FILMEU HUB is composed of three interlinked layers of shared physical and virtual infrastructures:

- A virtual repository and media management layer that will provide the Alliance with storage and media assets and metadata management services
- A VLE that will integrate three different components: a dedicated platform for LLL and internal training entitled Lusofona X based on the Edx framework and APIs; a dedicated implementation of Moodle supported by the existing implementations in the partner HEIs; and a number of virtual rooms for education and collaboration
- Four distinctive labs in each of the campuses of the Alliance members, corresponding not to mere amalgamations of technology but to a collection of equipment, resources and facilities consistent with the future areas of innovation for the culture and creative industries recently identified in the EU report “100 radical innovations for the future”.

This detailed audit is the first step in creating a shared space for collaboration, innovation and creativity. FilmEU will extend over not only national boundaries but physical and virtual ones as well. This report is the first phase in mapping that new territory and understanding the challenges that lay ahead.

---