



DIGITAL PRODUCTION
CHALLENGE II

CASE STUDY

THE VENERABLE W

AMSTERDAM

Tuesday 28 November to Saturday 1 December 2017

V9 March 13th 2017

FOCAL

resource



Production: **Les Films du Losange**

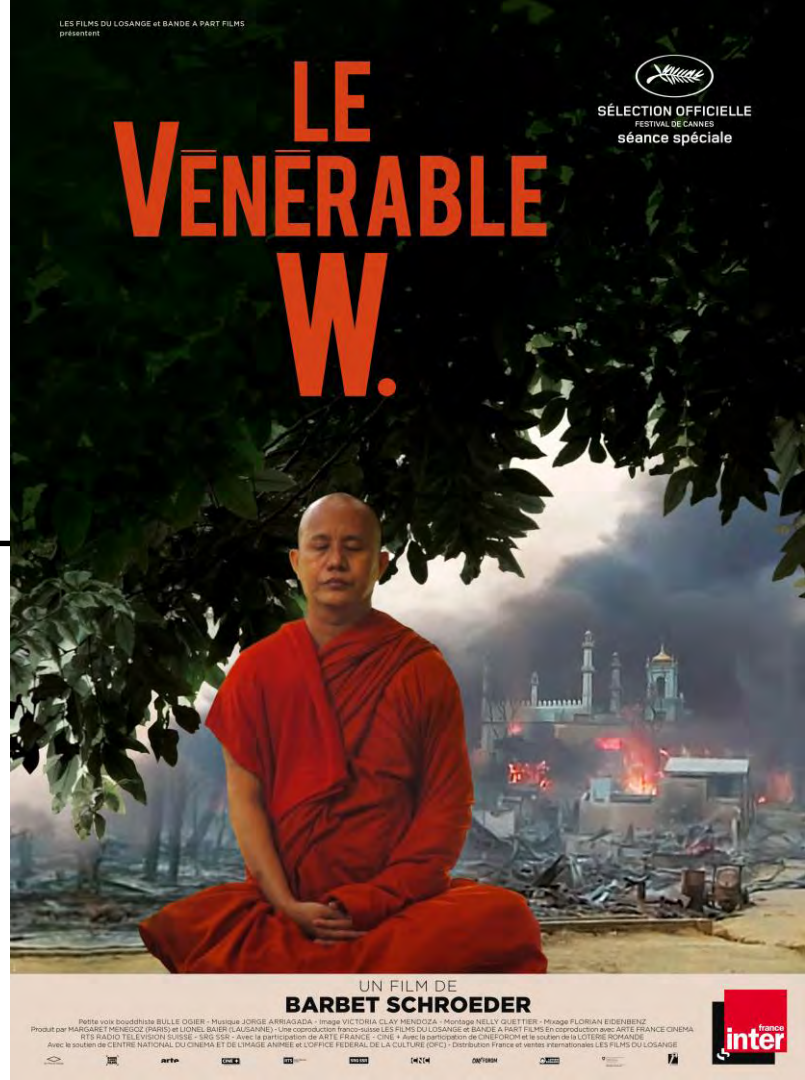
Main Producer: **Margaret Ménégoz (Les Films du Losange)**

Co-producers: **Lionel Baier (Bande à Part)**

Olivier Pierre

Arte France Cinéma

Director: **Barbet Schroeder**



Budget 1,5M€

Cinematographer: **Victoria Clay-Mendoza**

Sound engineer: **Florian Eidenbenz**

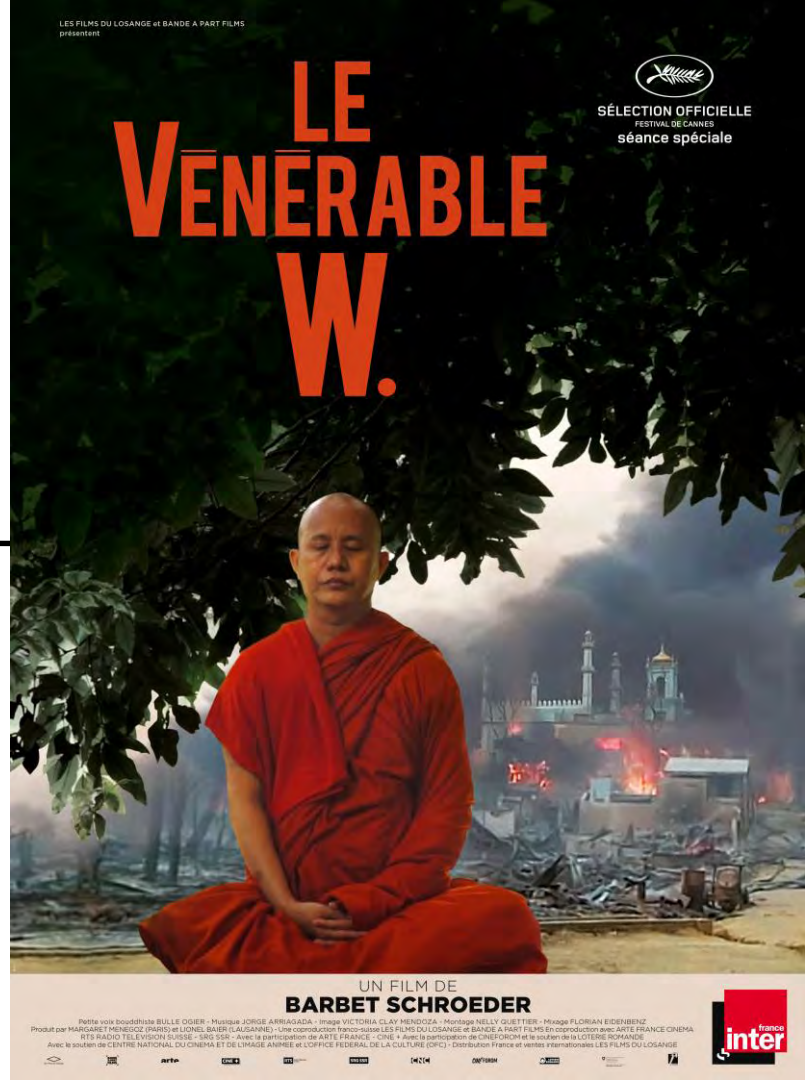
Editor: **Nelly Quettier**

Composer: **Jorge Arriagada**

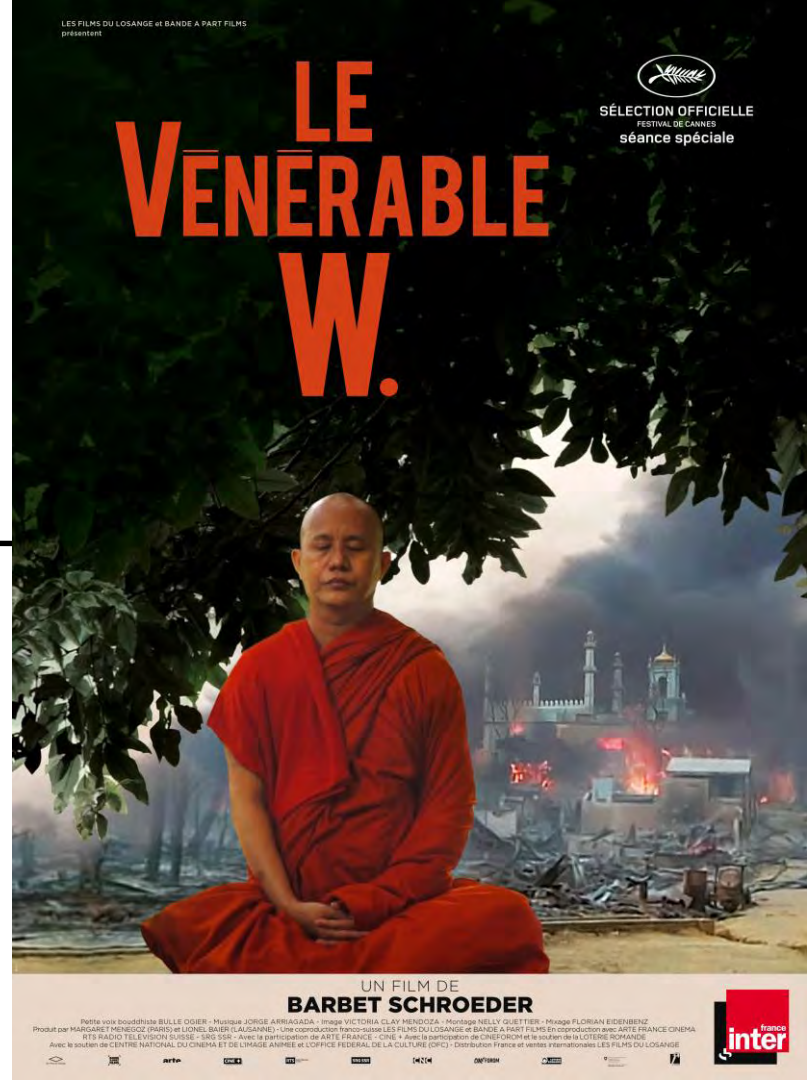
Post-production supervisor: **François Dupuy (Noir Lumière)**

CEO Noir Lumière: **Tommaso Vergallo**

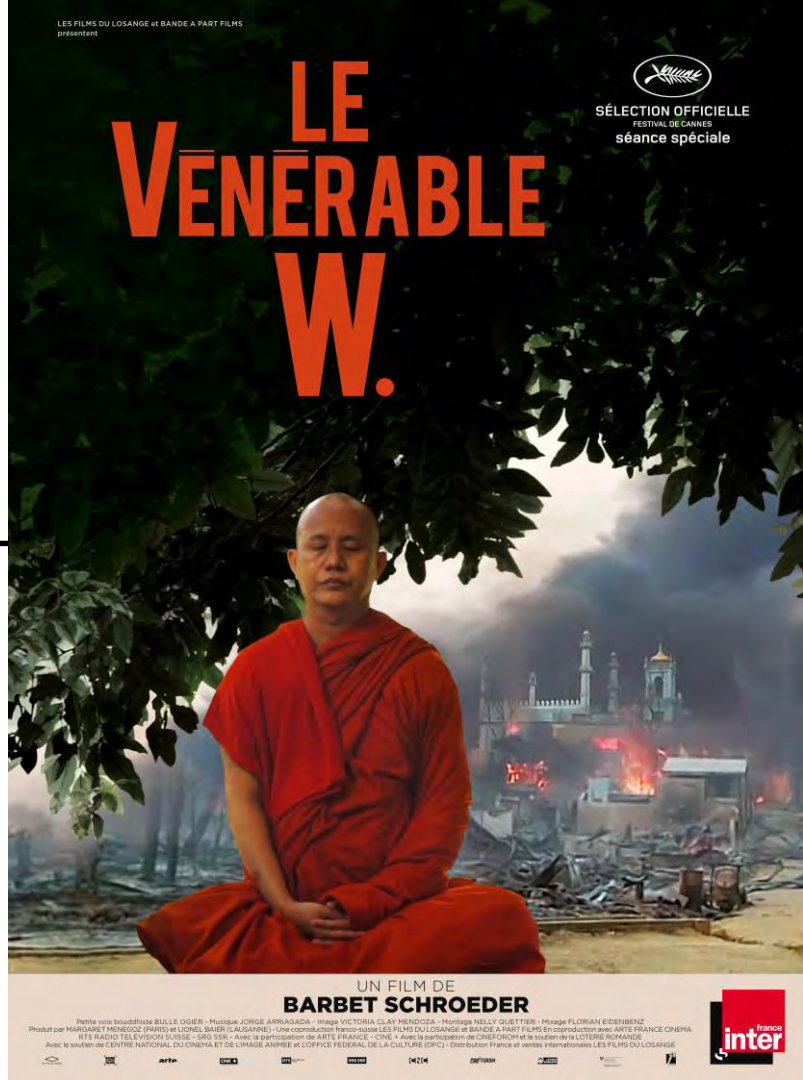
Colorist: **Patrick Lindenmaier (Andromeda Film AG)**



Country of origin: **France, Switzerland**
Shooting locations/countries: **Burma, Thailand**
Language: **English**
Release date: **7 June 2017 (France)**
Estimated length of the film/run time: **100 mn**
Aspect ratio: **1:1,85**

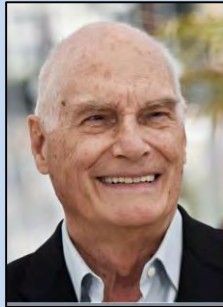


CODENAME: **DOCBU**



Production

France



Barbet Schroeder

Postproduction



France




CEO Noir Lumière: **Tommaso Vergallo**
Post-production supervisor (Noir Lumière):
François Dupuy

Shooting

Tests already
done

Production

France 



Barbet Schroeder

Postproduction



France

INFORMATION

Very confidential project

Need of camera settings

Post-production supervisor (Noir Lumière):

François Dupuy

Shooting




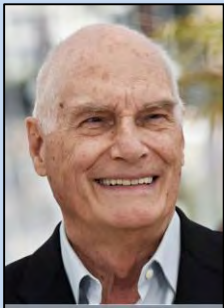
2 x Sony
Alpha 7S MKII

HD - 25 fps
Rec 709
Gamma 2.2

Students
proposal

Production

France 



Barbet Schroeder

Postproduction

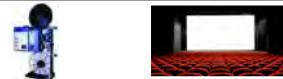


France

Question:

WHICH TYPE OF
RELEASE?

35 mm - 70 mm



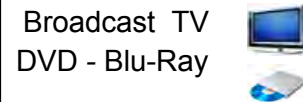
Film Projection

SD - HD - 2K - 4K



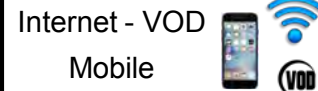
Digital Projection

SD - HD - UHD - 8K



Broadcast TV
DVD - Blu-Ray

INTERNET PROTOCOL



Internet - VOD
Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting




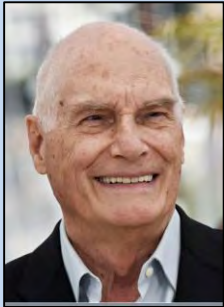
2 x Sony
Alpha 7S MKII

~~HD - 25 fps
Res 709
Gamma 2.2~~



Production

France 



Barbet Schroeder

Postproduction



France

Answer:

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



What is the final destination



35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

SHOOT



POSTPRODUCTION



EXHIBITION

Shooting



2 x Sony
Alpha 7S MKII

UHD - 24 fps
XAVC-S 8-bit 4:2:2
S-Gamut3.Cine/S-
Log3

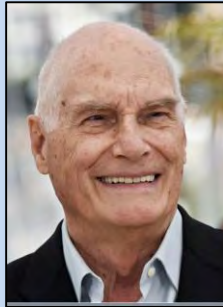
Conversion
Rec.709 on
viewfinder

23,98 fps!!!



Production

France



Barbet Schroeder

Postproduction



France

REMINDER

UHD: 3840 x 2160 pixels

4K: 4096 x 2160 pixels

Answer:

- DCP @ 25 fps not present in all theaters
- Issue with subtitles @ 25fps

TOPICS:

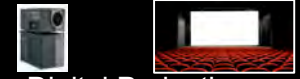
- RECORDING FILE TYPES
- CAMERA SETTINGS
- PREVIZUALISATION

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Shooting

Country?




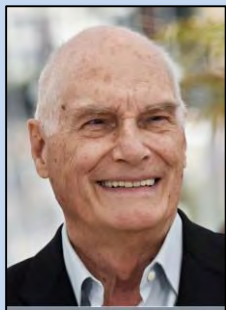
2 x Sony
Alpha 7S MKII

UHD - 24 fps
XAVC-S 8-bit 4:2:2
S-Gamut3.Cine/S-
Log3

Hostile
country

Production

France 



Barbet Schroeder

Postproduction

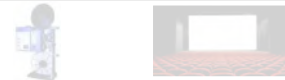


France

Question:

COPIES FOR BACK-UP?

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting

Country?


Hostile country

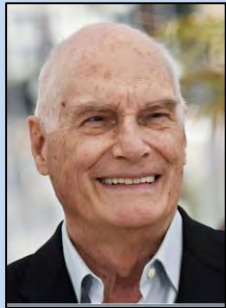


2 x Sony
Alpha 7S MKII

UHD - 24 fps
XAVC-S 8-bit 4:2:2
S-Gamut3.Cine/S-
Log3

Production

France 



Barbet Schroeder

No check-sum and file integrity!!

Postproduction



France

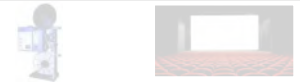
~~Command-C
Command-V~~

Students proposal

Question:

COPIES FOR BACK-UP?

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting




2 x Sony
Alpha 7S MKII

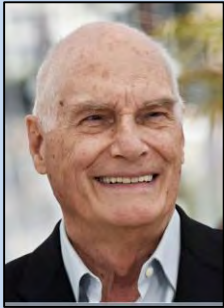


B. Schroeder's
MacBook Pro

HDD's in 3
different places

Production

France 



Barbet Schroeder

Postproduction



France

Data management
and dailies creation

Silverstack



La Cie Rugged
HDD 1To
Thunderbolt

Question:

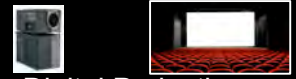
COPIES FOR BACK-UP?

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Shooting

Postproduction



France

35 mm - 70 mm



Camera Tests and settings

Exposure tests:

- XAVC-S codec better in highlights than in lowlights (noise)

Slo-Mo (HFR menu in the DSLR)

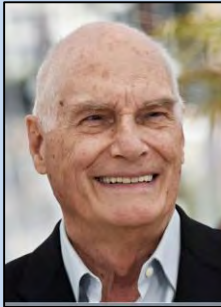
- 120 fps but in HD not in 4K (Possible for certain shots)

Aspect ratio

- 1:1,85

Production

France



Barbet Schroeder

Camera Rental House - Paris



Joël Porçu

Camera operating
manager

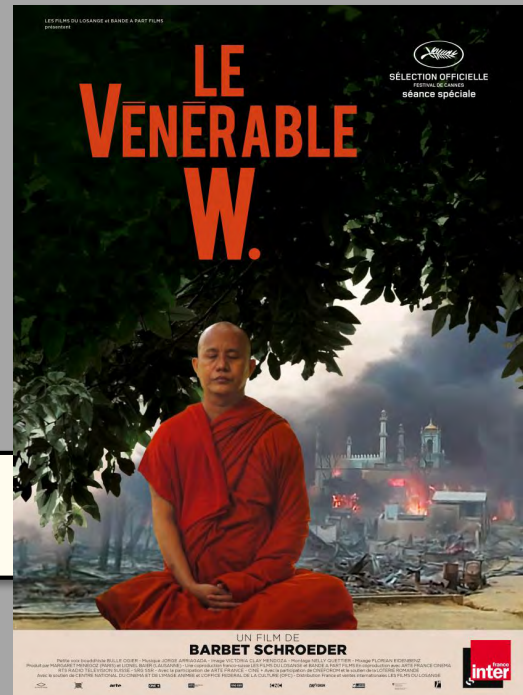


**2 x Sony
Alpha 7S MKII**

Team

Barbet Schroeder
Victoria Clay Mendoza
Noir Lumière
François Dupuy

EXTRACT 4



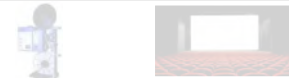
Shooting

Postproduction



France

35 mm - 70 mm



Camera Tests and settings

Names issue:

- Alpha 7 (firmware 2016) don't give unique names to clips

Solution in Pomfort *Silverstack*

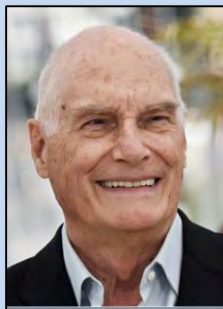
- 13 SD cards (A,B,C,D,E,F,G,H,I,J,K,L,M) + number: XXX.
- Backup process: organization of clips:
 - ✓ <SHOOTING DATE>
 - ✓ <CARD LETTERXXX>
 - ✓ <CARD CONTENT>

Ex : 20160822/G100/PRIVATE/M4ROOT/CLIP/C00001.mp4....

In case of re-using the card, we kept the letter and increase the value

Production

France



Barbet Schroeder



Story of a workflow: Le Vénérable W



Shooting n° 1

Burma



4 weeks

Feb, March 2016

Team

Barbet Schroeder (Director, cinematographer, camera B)

Victoria Clay Mendoza (Cinematographer, camera A)

Emilie Bickerton (camera assistant, data manager)

Postproduction



France

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)





 **Shooting n° 1**
Burma 



~~LOCAL POSTPRODUCTION FACILITIES?~~

~~WEB CAFE?~~


Production France 




les films du losange

Postproduction   France

Question:

HOW TO SEND THE FOOTAGE TO FRANCE?

35 mm - 70 mm
 
Film Projection

SD - HD - 2K - 4K
 
Digital Projection

SD - HD - UHD - 8K
Broadcast TV 
DVD - Blu-Ray 


INTERNET PROTOCOL
Internet - VOD  
Mobile 

OTHER SCREENINGS
360° - Hologram
3D - AR/VR
(Virtual Reality) 

Shooting n° 1



Burma



SD Card




Test

48h




Postproduction




France

OK

Production



France



les films du losange

Question:
HOW TO SEND THE FOOTAGE TO FRANCE?

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile




OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)





Story of a workflow: Le Vénérable W


Shooting n° 1




Burma




Barbet Schroeder's Macbook Pro




Production


France 




les films du losange

Postproduction



France 

Remote control of the director's computer



Question:

HOW TO SUPPORT THE DIRECTOR?

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV



DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD



Mobile



OTHER SCREENINGS

360° - Hologram

3D - AR/VR (Virtual Reality)





**Shooting
n° 1**

Burma

Production

France



DECISION

Postproduction



Franc

NOIR LUMIERE

becomes after 5 days of shooting, the:

SHOOTING LAB

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)





**Shooting
n° 1**

Burma

Production

France



DECISION


Postproduction



Franc

NOIR LUMIERE

in charge of:

- Dailies
- Check 
- Metadata check
- Back up
- Transcoding
- Conformation

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)





Shooting n° 1

Burma

Production

France



DECISION

Postproduction



Franc

DECISIONS:

- To use remote control of director's computer through TeamViewer



- To use Pomfort Silverstack for Quality Check and sealing the footage on shuttle drive



35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile




OTHER SCREENINGS


360° - Hologram
3D - AR/VR
(Virtual Reality)




Story of a workflow: Le Vénérable W



Shooting

Burma 


 n°1




First dailies



Production

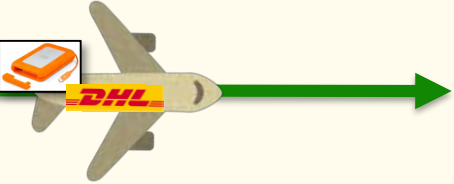
France 





les films du losange

Postproduction

  France



MacBook Pro
F.Dupuy

35 mm - 70 mm

 
Film Projection

SD - HD - 2K - 4K

 
Digital Projection

SD - HD - UHD - 8K

Broadcast TV 
DVD - Blu-Ray 

INTERNET PROTOCOL


Internet - VOD 
Mobile  


OTHER SCREENINGS


360° - Hologram
3D - AR/VR
(Virtual Reality) 


Story of a workflow: Le Vénérable W

Shooting


Burma 



1 







First dailies




Production


France 



les films du losange



Postproduction


2  **Back up**
Quantum LTO 6 drives


 **colorfront** |>>>|


HP Z840

Pre-grading

1  



4 

 **NOIR LUMIERE**

France 



3 **First pre-grading tests**

35 mm - 70 mm

Film Projection

SD - HD - 2K - 4K

Digital Projection

SD - HD - UHD - 8K

Broadcast TV 

DVD - Blu-Ray 


INTERNET PROTOCOL

Internet - VOD 

Mobile  

OTHER SCREENINGS

360° - Hologram

3D - AR/VR (Virtual Reality) 

Non-graded



Pre-graded



Non-graded





Pre-graded




Story of a workflow: Le Vénérable W



Shooting

 Burma


 1



First dailies


Production




Editing


Editing - Off line

Nelly Quettier, editor


 France



Avid Media Composer


Back up 
Quantum LTO 6 drives


Postproduction


 colorfront

HP Z840


Pre-grading



 NOIR LUMIERE

 France


DNxHD 115

 we transfer
or HDD

35 mm - 70 mm


Film Projection

SD - HD - 2K - 4K


Digital Projection


SD - HD - UHD - 8K

Broadcast TV 
DVD - Blu-Ray 

INTERNET PROTOCOL


Internet - VOD 
Mobile  (VOD)

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality) 

Story of a workflow: Le Vénérable W

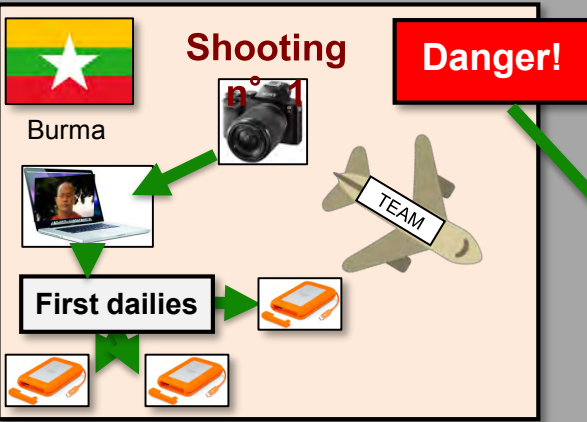
Shooting

Burma 

Danger!

First dailies

TEAM



Production

France 

les films du losange 


Editing - Off line


Nelly Quettier, editor


France 


Avid Media Composer 


Postproduction

France 


NOIR LUMIERE 

Back up 
Quantum LTO 6 drives

colorfront 
HP Z840

Pre-grading 


SMS!!



35 mm - 70 mm 
Film Projection

SD - HD - 2K - 4K 
Digital Projection

SD - HD - UHD - 8K 
Broadcast TV
DVD - Blu-Ray

INTERNET PROTOCOL 
Internet - VOD
Mobile

OTHER SCREENINGS 
360° - Hologram
3D - AR/VR
(Virtual Reality)

Story of a workflow: Le Vénérable W



Shooting
n° 1

Danger!

Burma

**End of
Shooting n° 1**

Production

France



Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up
Quantum LTO 6 drives



Postproduction



France

colorfront
HP Z840
Pre-grading



NGO INFORMATION



**MULTI TYPES OF
RECORDING FILES**

- Codec
- Frame rate
- Definition
- Aspect ratio

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting



Thailand



Silverstack

B. Schroeder's
MacBook Pro

4 weeks
August 2016

Remote control
of the director's
computer

Good bitrate
50 Mb/s

Postproduction



France



Team

Barbet Schroeder (Director, cinematographer, camera B)

Victoria Clay Mendoza (Cinematographer, camera A)

Nelly Quettier, editor

France



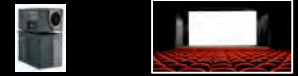
Avid Media Composer

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile





OTHER SCREENINGS


360° - Hologram
3D - AR/VR
(Virtual Reality)






Story of a workflow: Le Vénérable W

Shooting n° 2  Thailand



First dailies 

Local facility  Data 101101011



Production  France





les films du losange


Editing - Off line  France


Nelly Quettier, editor




Avid Media Composer


Back up  Quantum LTO 6 drives  Data 101101011


Postproduction  France

colorfront  NOIR LUMIERE

HP Z840 


Pre-grading

aspera 

High-Speed File Transfer Software (secured FTP)  Data 101101011


Workflow steps: 1 (Local facility to aspera), 1 (aspera to HP Z840), 2 (HP Z840 to colorfront), 3 (colorfront to Back up)

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV 

DVD - Blu-Ray 


INTERNET PROTOCOL

Internet - VOD  


Mobile


OTHER SCREENINGS



360° - Hologram



3D - AR/VR (Virtual Reality) 

Story of a workflow: Le Vénérable W

Shooting n° 2  Thailand






First dailies  **Local facility**




Production  France





Editing - Off line  France
Nelly Quettier, editor





Avid Media Composer


Back up  Quantum LTO 6 drives


Postproduction  France




colorfront | HP Z840
Pre-grading



DNxHD 15 



35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K




Digital Projection

SD - HD - UHD - 8K

Broadcast TV 
DVD - Blu-Ray 

INTERNET PROTOCOL

Internet - VOD  
Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality) 

Story of a workflow: Le Vénérable W

Shooting n° 2  Thailand



First dailies  **Local facility**



Production  France






Editing - Off line  France

Nelly Quettier, editor




Avid Media Composer

Back up  Quantum LTO 6 drives

Postproduction   France

colorfront
HP Z840
Pre-grading



INFORMATION

W archives 20 To will arrive

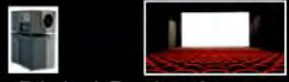
To be secured in 3 days

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV 

DVD - Blu-Ray 


INTERNET PROTOCOL

Internet - VOD 


Mobile  




OTHER SCREENINGS


360° - Hologram



3D - AR/VR (Virtual Reality) 

Story of a workflow: Le Vénérable W

Shooting n° 2  Thailand



First dailies 



Production France 




les films du losange



Editing - Off line  France

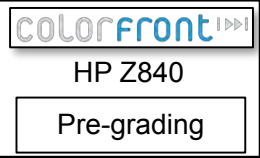
Nelly Quettier, editor




Avid Media Composer


Back up 
Quantum LTO 6 drives

Postproduction   France

colorfront 
HP Z840
Pre-grading



8 To
MONK'S
ARCHIVES



35 mm - 70 mm




Film Projection

SD - HD - 2K - 4K




Digital Projection

SD - HD - UHD - 8K

Broadcast TV 
DVD - Blu-Ray 


INTERNET PROTOCOL




Internet - VOD 
Mobile  

OTHER SCREENINGS


360° - Hologram
3D - AR/VR
(Virtual Reality) 

Story of a workflow: Le Vénérable W

Shooting n° 2  Thailand



First dailies



Production  France




les films du losange



Editing - Off line  France

Nelly Quettier, editor




Avid Media Composer


Back up  Quantum LTO 6 drives

Postproduction   France

colorfront | HP Z840

Pre-grading



8 To MONK'S ARCHIVES 

MONK'S ARCHIVE

- 8 HDD - 8 x 2 To
- Window disks
- Huge mess
- Written in Burmese
- Impossible to read

MULTI TYPES OF RECORDING FILES

- Codec
- Frame rates
- Definition
- Aspect ratios
- Colour spaces

10.000 h of footage
50 000 photos
100 PDF

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K




Digital Projection

SD - HD - UHD - 8K

Broadcast TV 
DVD - Blu-Ray 

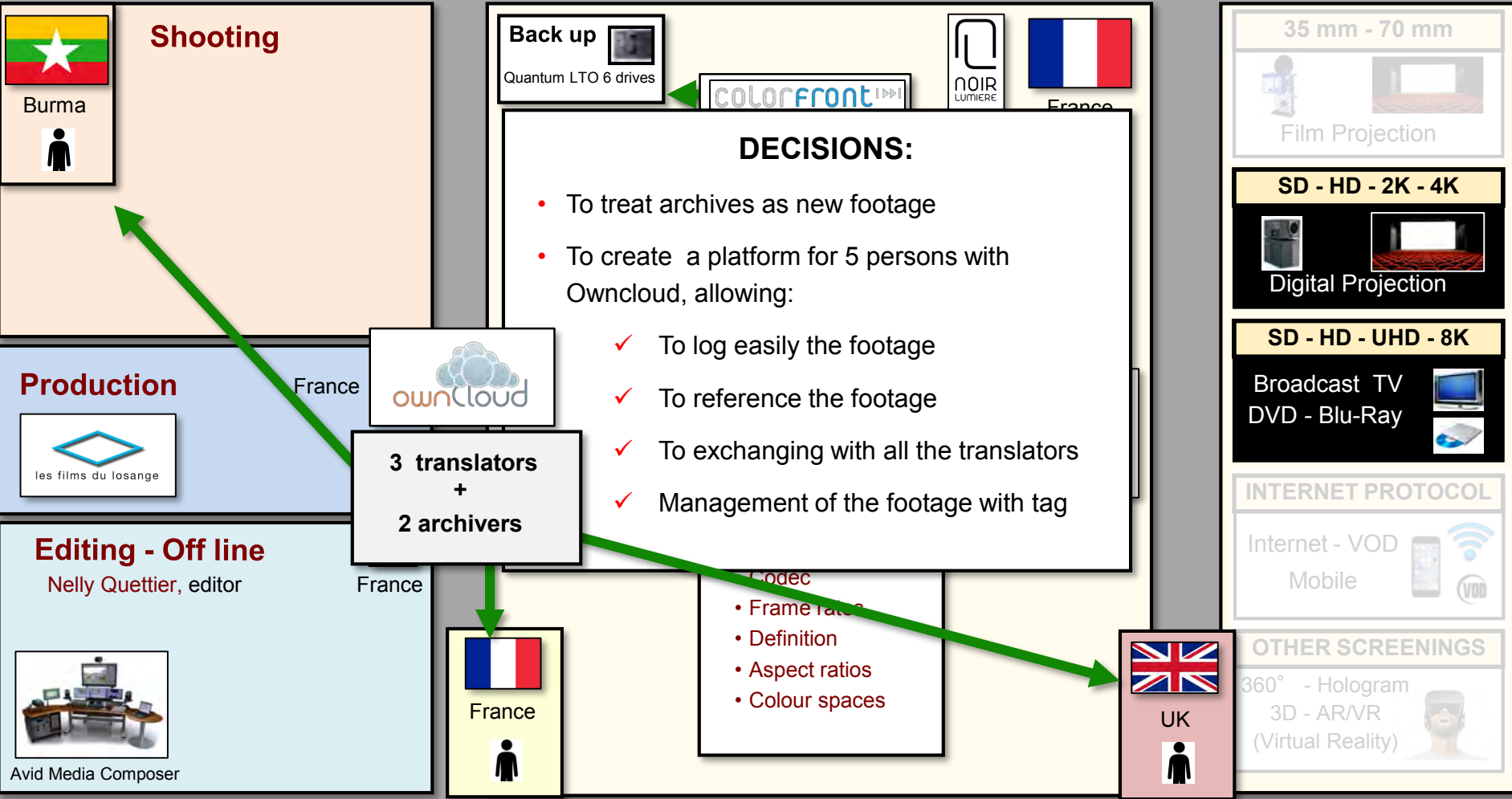
INTERNET PROTOCOL

Internet - VOD 
Mobile 

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality) 

Story of a workflow: Le Vénérable W



Story of a workflow: Le Vénérable W

Shooting

Back up
Quantum LTO 6 drives

Postproduction

colorfront
HP Z840



France

Editing

Production

Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting

Burma  Thailand 




87h of footage

Shot in Burma & Thailand

Production  France 

Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier

Espagne 




Editing - Off line

Nelly Quettier, editor

France 





Avid Media Composer

Back up  3 **Postproduction**  France 

Quantum LTO 6 drives

colorfront |>>> HP Z840

Pre-grading

QC  



2

4

1



Shooting Summary

35 mm - 70 mm

Film Projection

SD - HD - 2K - 4K



 

Digital Projection


SD - HD - UHD - 8K

Broadcast TV 
DVD - Blu-Ray 

INTERNET PROTOCOL


Internet - VOD  
Mobile 


OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality) 

Story of a workflow: Le Vénérable W

Shooting


Burma  Thailand 



Production  France 

Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier

Espagne 


Editing - Off line


Nelly Quettier, editor


Ecran Sony
24' Oled



QC


Editing in HD 1920 x 1080 @ 23,98fps


 Very good quality


 Avid Media Composer

Back up  Quantum LTO 6 drives

Postproduction  France 

 HP Z840



Pre-grading 





Editing

- 6 months of editing (good display)
- Archives processing tests
- Screening tests (DNxHD 115 proxy is very good for screening tests)



35 mm - 70 mm

  Film Projection




SD - HD - 2K - 4K

  Digital Projection


HD - UHD - 8K

cast TV 
Blu-Ray 

NET PROTOCOL

cast - VOD  
mobile 

SCREENINGS

Hologram 
AR/VR
(Virtual Reality)

Story of a workflow: Le Vénérable W

Shooting

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

colorfront

HP Z840

Pre-grading



France

DNxHD 15

QC



INFORMATION ON POST-
PRODUCTION:
INTERNATIONAL
CO-PRODUCTION WITH
SWITZERLAND

VFX

Andromeda Film AG

Mixing
MAGNETICS

Switzerland



Postproduction grading



DaVinci Resolve 12

Andromeda Film AG



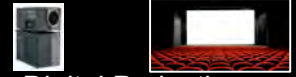
Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting n° 2



Thailand



Shooting



Production

Editing - Off

Pre-editing: Barbet
Nelly C

Editing - Off

Nelly Quettier, ec



Avid Media Composer

Editing

Preparation of VFX

- Blue screen keying
- Fluid Morph
- Picture in Picture
- Split screen
- Reframing
- Stabilization
- Deinterlace

+ Motion design

Titles & Motion design

(Amelie Vappereau)

Back up

Quantum LTO 6 drives



Postproduction



France

colorfront

HP Z840

Pre-grading

DNxHD 15

QC

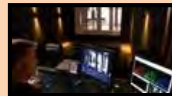


VFX

Andromeda Film AG

Postproduction grading

Andromeda Film AG



DaVinci Resolve 12



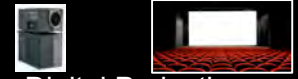
Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Shooting n° 2



Thailand



Shooting



Production

Editing - Off

Pre-editing: Barbet
Nelly Q

Editing - Off

Nelly Quettier, ec



Avid Media Composer

Editing

Preparation of VFX

- Blue screen keying
- Fluid Morph
- Picture in Picture
- Split screen
- Reframing
- Stabilization
- Deinterlace

+ Motion design

Titles & Motion design

(Amelie Vappereau)

Back up

Quantum LTO 6 drives



Postproduction

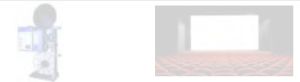
colorfront

HP Z840



France

35 mm - 70 mm



Film Projection

Nelly Quettier

The editor is highly experienced in all the creative possibilities of the editing systems, preparing very precisely all the VFX

VFX

Andromeda Film AG

Postproduction grading



Andromeda Film AG



Switzerland

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Keying with an Alpha 7S MKII - Before



Story of a workflow: Le Vénérable W

Keying with an Alpha 7S MKII - After



Story of a workflow: Le Vénérable W

Shooting

Production

Editing - Off

Pre-editing: Barbet
Nelly Q

Editing - Off

Nelly Quettier, ed

AAF

Avid Media Composer

Editing

Preparation of tracks by the editor

- **Track1:** Footage A7SII
- **Track2:** Archives re-conformed in DNxHD 175x)
- **Track3:** VFX (Bluescreen - Fluid Morph - Stab - Reframing)
- **Track4:** Motion Design

Back up
Quantum LTO 6 drives

Postproduction

DaVinci Resolve 12
HP Z840



France



production grading

Andromeda Film AG



DaVinci Resolve 12



Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



AAF

1

Avid Media Composer

Back up

Quantum LTO 6 drives

3

Postproduction

DaVinci Resolve 12

HP Z840

2



France

4 Re-framing finalized

5



Da Vinci Project

5

Exchange of project

VFX

Andromeda Film AG

6

Postproduction grading

Andromeda Film AG



DaVinci Resolve 12



Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



AAF

1

Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

DaVinci Resolve 12

HP Z840

Conformation



France



2

WAV

For each version (Different voices over):

- International (w/o voice over but w/ burmese dialogues)
- French
- English
- Germans (new kid in town!)

MAGNETICS



Noir Lumière asked for:

- Soundtrack 23.98fps 5.1 + LTRT Theatrical mix
- Soundtrack 23.98fps 5.1 + LTRT Broadcast Mix (R128)
- Soundtrack 23.98fps 5.1 + LTRT Home Entertainment Mix (Blu-ray, OTT...)
- +
- Soundtrack 25fps 5.1 + LTRT Theatrical mix
- Soundtrack 25fps 5.1 + LTRT Broadcast Mix (R128)
- Soundtrack 25fps 5.1 + LTRT Home Entertainment Mix (BluRay, OTT...)

VFX

Andromeda Film AG

Mixing
MAGNETICS



35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K



TOCOL



TINGS



Story of a workflow: Le Vénérable W

Shooting

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

DaVinci Resolve 12

HP Z840

Conformation



France



Production decision

INFORMATION

Multi languages versioning

French - English - German

VFX

Andromeda Film AG

Postproduction grading



Andromeda Film AG

DaVinci Resolve 12



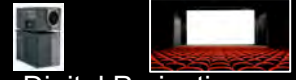
Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

DaVinci Resolve 12

HP Z840



France



French
English
German

DSM

Da Vinci Project



VFX

Andromeda Film AG

Postproduction grading

2K D.I.



Andromeda Film AG

DaVinci Resolve 12

23,98 fps
1: 1,85



Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Story of a workflow: Le Vénérable W

Shooting

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

colorfront

HP Z840

1

3

DCP

Rescanning to HD

BROADCAST MASTER

4

Legal Range

5



France



VFX

Andromeda Film AG

Postproduction grading

2K D.I.



DaVinci Resolve 12

Andromeda Film AG

23,98 fps
1: 1,85



Switzerland

35 mm - 70 mm



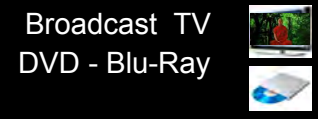
Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K



Broadcast TV
DVD - Blu-Ray

INTERNET PROTOCOL

Internet - VOD
Mobile

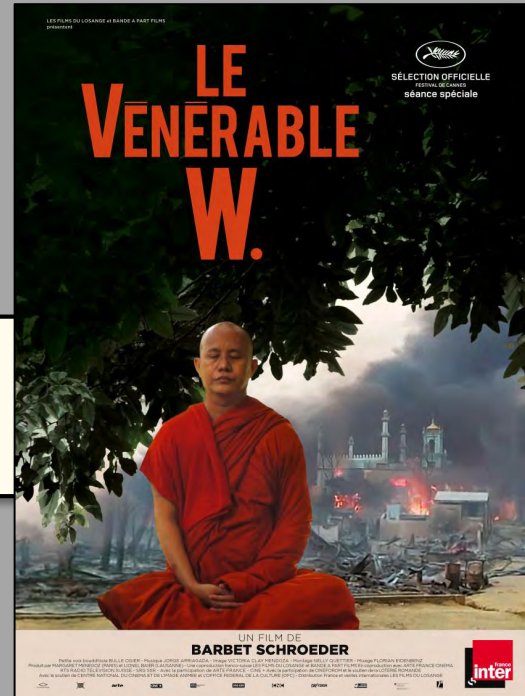


OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



SUMMARY



Sensitive documentary

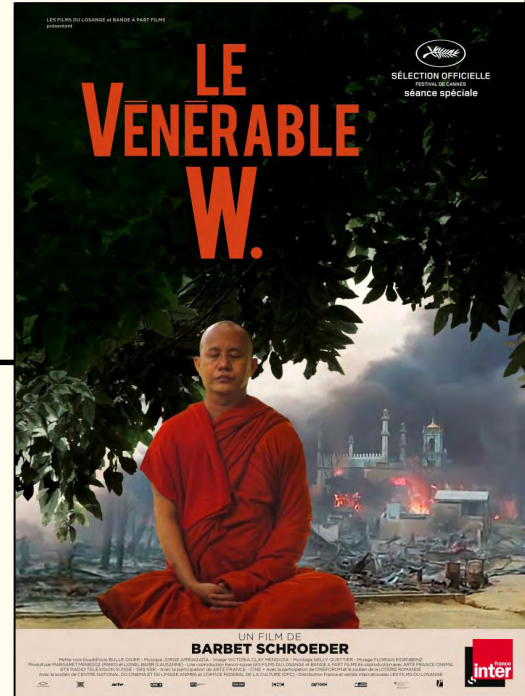
Extremely small team

Shooting with a DSLR camera

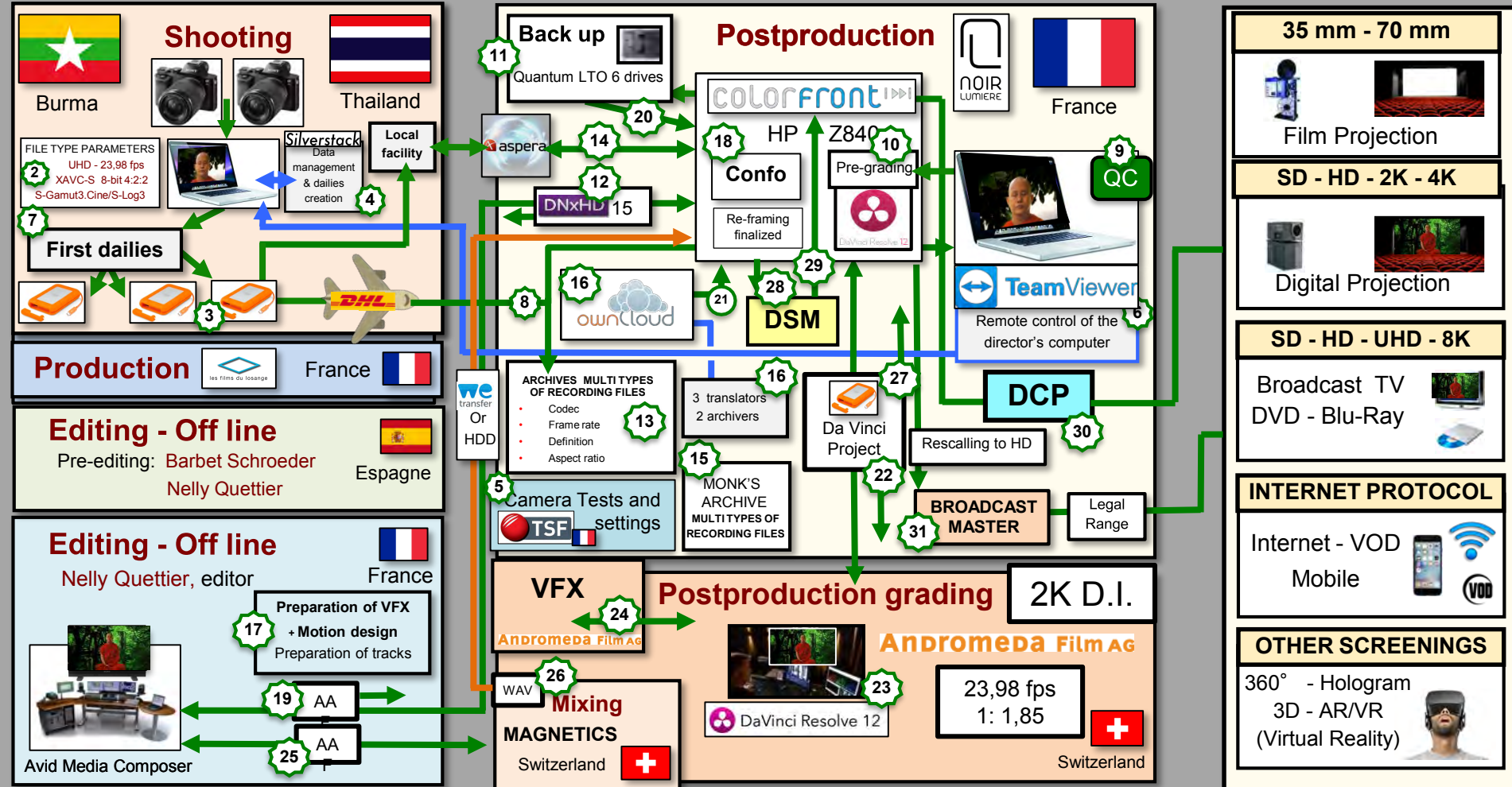
Dealing with archives

Important facts to understand the process:

- Real human risks
- Real risks to lose all the footage
- Multi-types of recording file types including archives



Story of a workflow: Le Vénérable W



Workflow: Le Vénérable W

Shooting



Burma

4 weeks



Thailand

4 weeks

5 years of research for the director

Production



France



Editing - Off line

Pre-editing:

Barbet Schroeder



Espagne

Editing - Off line

Nelly Quettier



France

6 months



Postproduction



France

Post-production
duration:
9 months

VFX

Andromeda Film AG

Mixing

MAGNETICS

Switzerland



Postproduction grading



Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



SHOOTING

FILM

Super 8



Super 16



35 mm



4 P
3 P
2 P

65 mm



SENSORS

Digital Still
Camera DSLR



Alpha 7S

Archives

High Definition



From EX-3 to CANON
C300 MKII, VARICAM 35
RED WEAPON, SONY
F65, ARRI ALEXA 65



DECISION TREE

POST-PRODUCTION

CHEMICAL



DIGITAL

Telecine

SD Standard
Definition

HD High
Definition

2K Scan

2K DI

4K Scan

4K DI

6K Scan

SCREENING

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



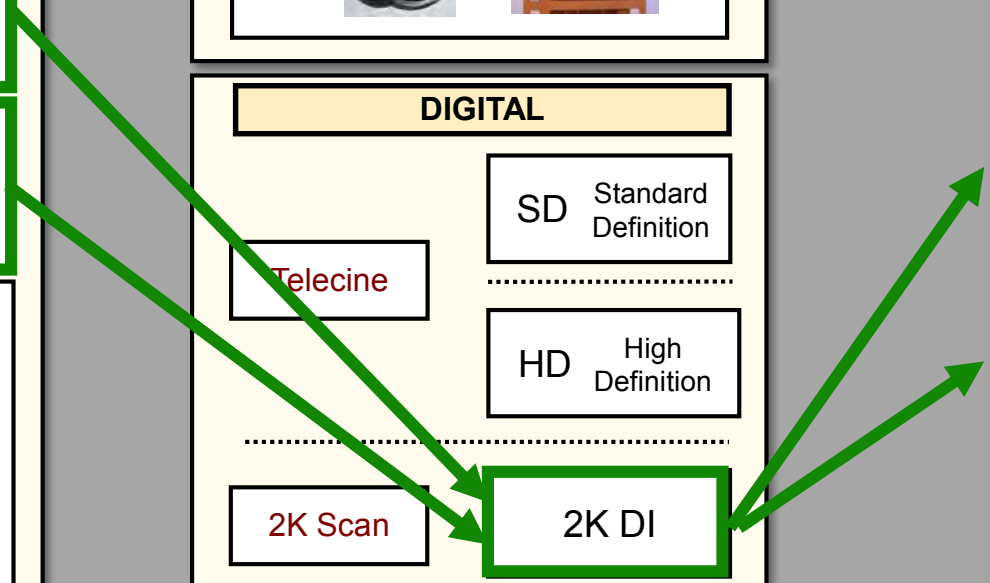
INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Shooting



Burma



Thailand

Production



France



Editing - Off line

Pre-editing:

Barbet Schroeder



Espagne

Editing - Off line

Nelly Quettier



France



Postproduction



France

CONSEQUENCES OF INTERNATIONAL CO-PRODUCTIONS

VFX

Andromeda Film AG

Mixing

MAGNETICS

Switzerland



Postproduction grading



Switzerland

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)



Workflow: Le Vénérable W

Shooting



Burma



Thailand

Production



France



Editing - Off line

Pre-editing:

Barbet Schroeder



Espagne

Editing - Off line

Nelly Quettier



France



Postproduction



France

When the head of department are occupying different locations (some on-set, some off-set - in several countries at the same time, shown in the presentation by different colors) it lead to different strategies of workflows

VFX

Andromeda Film AG

Mixing

MAGNETICS

Switzerland



Postpro



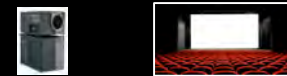
Distances between shooting locations and lab and editing room are changing the approach to design a workflow

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD

Mobile



Is there a life after a release?

The long-term preservation
and dematerialized exploitation

One example of service

1 - SAVE

your files on our cloud storage located in France
(3 x replication, 100% durability).

2 - CONSULT

your entire archive content via streaming us in our ultra secure
application.

3 - TRANSCODE

from any file type to any file type:
DCP, IMF, ProRes, DNX, H264, etc.

4 - EDIT

Change subtitles and audio tracks.
Add logos.

5 - SHARE

Streaming consultation links to your prospects.

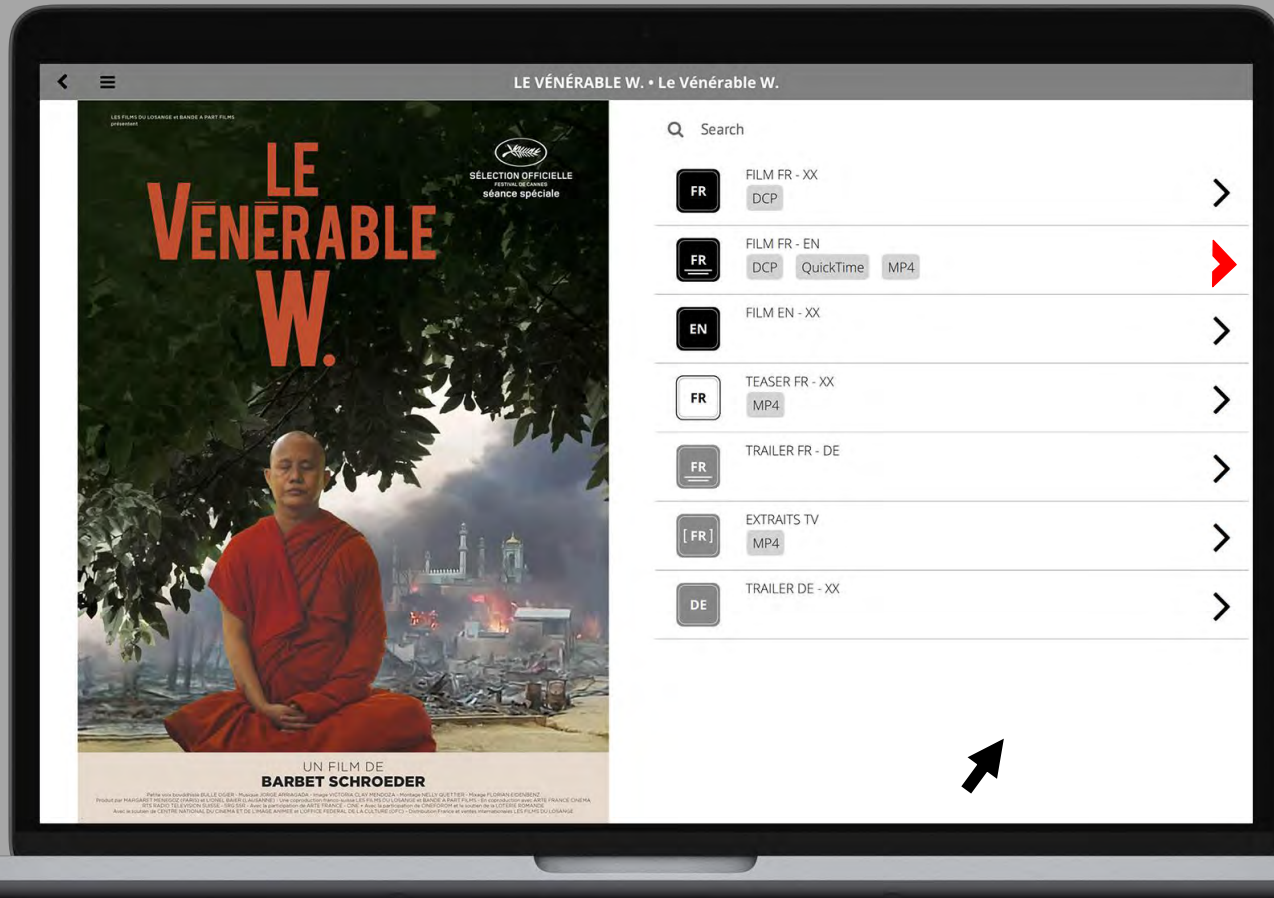
6 - DELIVER

to your customers in a dematerialized way
(simple download, Aspera, Cinego theatrical delivery).

ACCESS
THROUGH
SMART
PHONE



ACCESS
THROUGH
COMPUTER



LE VÉNÉRABLE W • Le Vénérable W.

LES FILMS DU LOSANGE ET BANDE A PART FILMS
présentent

LE VÉNÉRABLE W.

SÉLECTION OFFICIELLE
RENNEZ-LES-BAINS
séance spéciale

UN FILM DE
BARBET SCHROEDER

FR FILM FR - XX
DCP

FR FILM FR - EN
DCP QuickTime MP4

EN FILM EN - XX

FR TEASER FR - XX
MP4

FR TRAILER FR - DE

[FR] EXTRAITS TV
MP4

DE TRAILER DE - XX

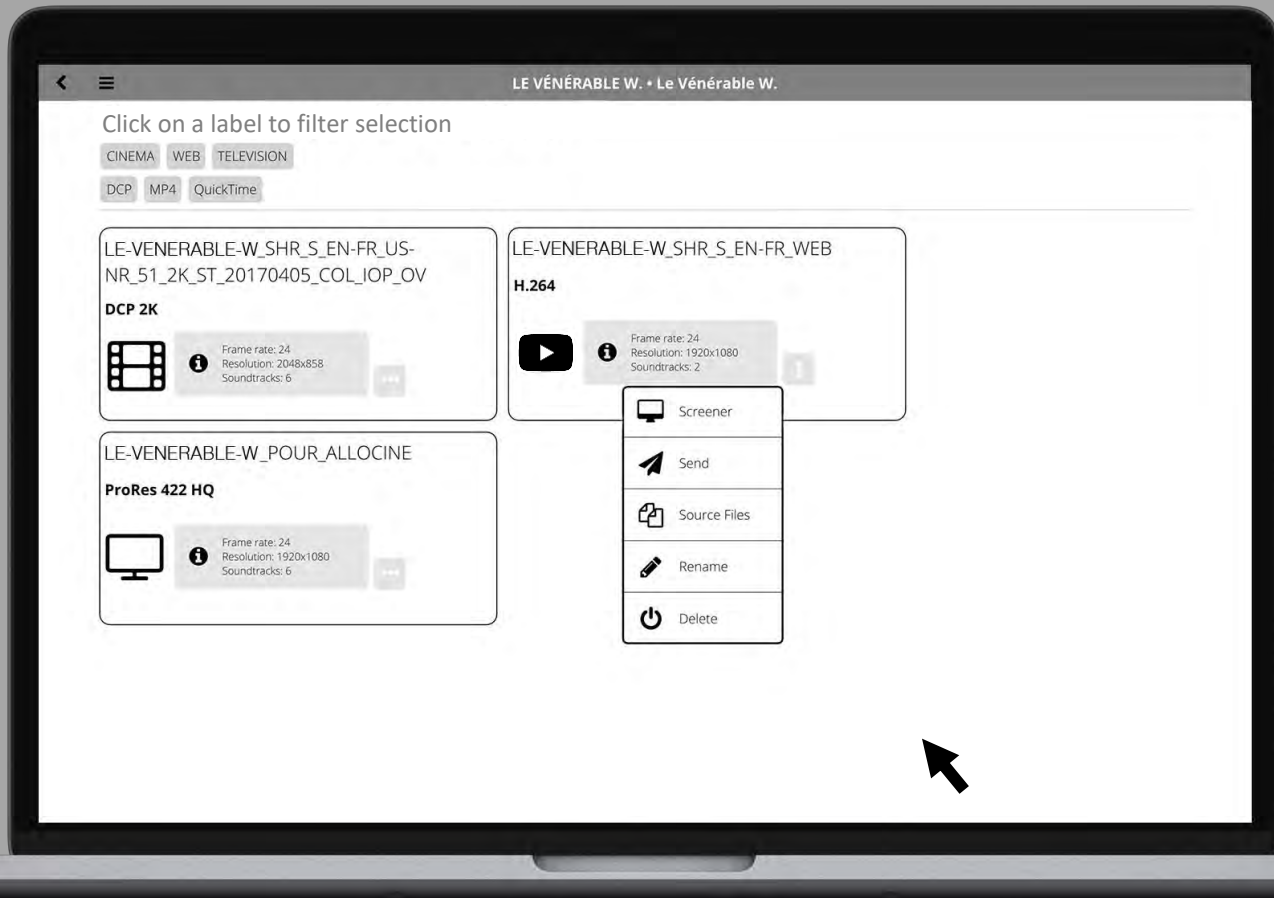
PREMIÈRE VOIX EUROPEENNE DELLE COUER - Musique JORGE ARRAGADA - Image VICTORIA CLAY PERDODA - Montage WALLY GUYETTES - Montage FLORIAN EISENBERG
Produit par FRANGÈS FERRAZZO CARRIVIO LORIS BENEDETTI ANTONELLI - VOIX OFFICIELLE RENNEZ-LES-BAINS LE FILM DU LOSANGE ET BANDE A PART FILMS - LE LOSANGE ET BANDE A PART FRANCE CINEMA
LES FILMS DU LOSANGE ET BANDE A PART FILMS - RENNEZ-LES-BAINS - RENNEZ-LES-BAINS FRANCE CINEMA - RENNEZ-LES-BAINS - RENNEZ-LES-BAINS FRANCE CINEMA
Avec le soutien du CENTRE NATIONAL DU CINEMA ET DE L'IMAGE ANIMÉE et de l'OFFICE FEDERAL DE LA CULTURE (DFKJ) - Contribution à la préservation du patrimoine cinématographique LES FILMS DU LOSANGE



ACCESS
THROUGH
COMPUTER



ACCESS
THROUGH
COMPUTER



ACCESS
THROUGH
COMPUTER





The end

A François Dupuy presentation

<https://noirlumiere.com/uk/>



Designed by Philippe Ros

<http://www.philipperos.com/>