



Warsaw, 28 – 30 November 2013



DIGITAL PRODUCTION CHALLENGE 2013 Participants projects

Thursday 28 to Saturday 30 November 2013, Warsaw Poland



Participant projects

Point of views of following experts:

- Filip Kovcin (Director, Editor, Post production supervisor Poland)
- Philippe Ros, *afc* (DP & Digital imaging supervisor France)
- Ruedi Schik (Founder & manager of Swiss effects Suisse)
- Tommaso Vergallo (Digital production manager, Digimage Cinema France)

Moderator: Pr. Martin Hagemann (Producer, Zero Films – Germany)

Head of project: Xavier Grin (Producer – PS Production)

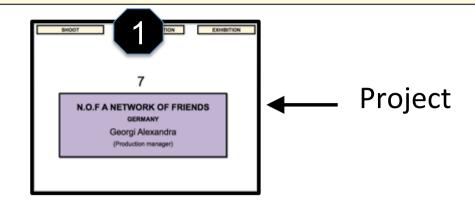
Production manager: Sophie Bourdon

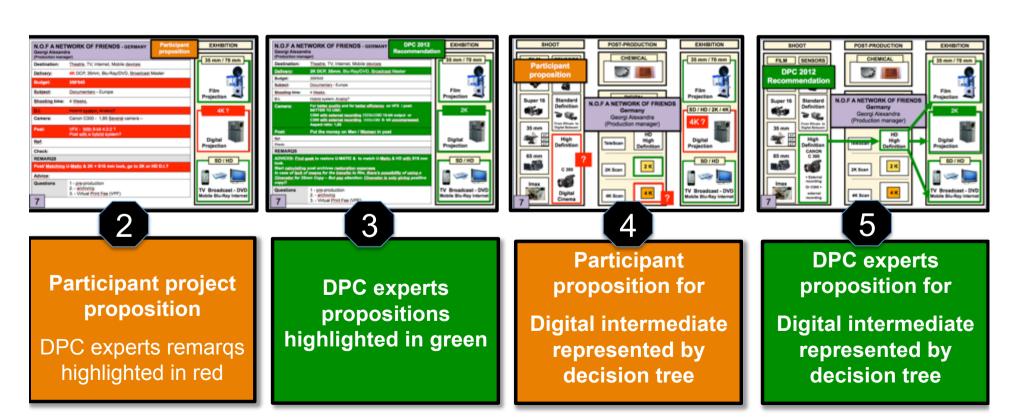
DPC 2013 Recommendation

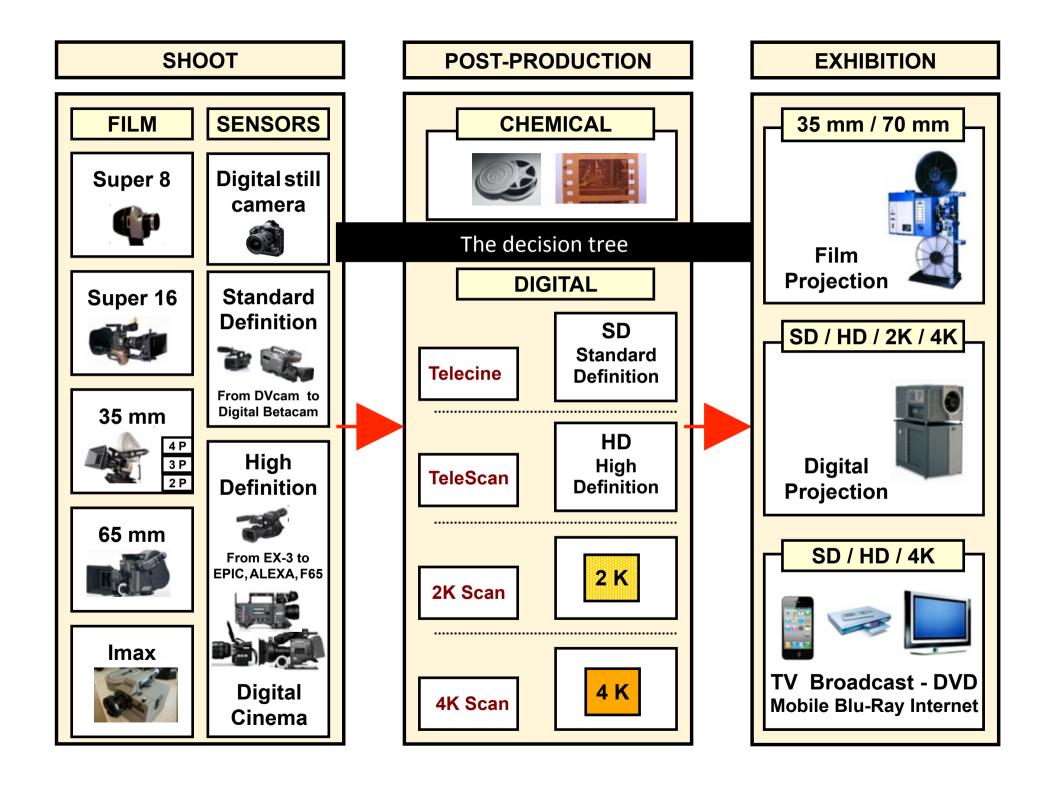
Decision tree designed by:

Franck Montagne Post production manager Consultant / Instructor www.lmagemagie.com

How does the "DPC 2013 recommendation work?







1

YARDEN - Sweden

EMMA ÅKESDOTTER RONGE

(Producer & PP Manager)
ANAGRAM

Participant proposition

EXHIBITION

EMMA ÅKESDOTTER RONGE (Producer & PP Manager)

Destination: Theatre, TV, Internationals

Delivery: 4K DCP

Budget: 11 000 000 SEK - 1 233 000 Euros -

Subject: 90 mn FICTION

Shooting time: 6 Weeks - Sweden Belgium – 25 people in the team

D.I. 4K D.I. ?

Camera: ARRI Alexa with raw recording 1,85 – Ikonoskop A-Cam

Post: 25 weeks

Ref:

Check: Data wrangler or DIT

REMARQS

Post prod: Multi Home labs - With a "homemade" system

Advice:

Questions 1. No keywords selected



Participant proposition

EMMA ÅKESDOTTER RONGE (Producer & PP Manager)







Ikonoscop A-Cam

http://www.ikonoskop.com/

Interesting little swedish camera for specific applications



Technical Specifications		
Image size	1920 x 1080 pixels (1966 x 1092)	
Format	CinemaDNG (individual files in RAW sequences)	
Color depth	12bit	
File size	3,2MB/frame	
Sensor	CCD 10,6mm x 6mm	
Shutter	Global 5*-360*	
ISO	200ASA at 0db	
Dynamic range	11 stops	
Framerate	1 - 30 fps, time-laps recording and still image	
Sound	2 channel 16bit 48kHz Line level input (5pin Lemo to XLR)	
Timecode	SMTPE 5pin Lemo Input	
Viewfinder	VGA LCOS viewfinder and OLED side display	
Video out	HD-SDI 1080p 4:2:2 10bit SMB connector	
Data output	USB 2.0	
Power	Sony NP-F770 type battery or 7,2-15v external Input.	
Body	Machined solid aluminium	
Measures	222 mm x 91 mm x 83 mm	
Lensmount	IMS mount (PL, C-mount and more with adapters)	
Threads	3/8" and 1/4" UNC(bottom and top)	
Weight	1650g Incl. memory card and battery	

Special features:

Gain: 0, 3, 6 and 12db

Focus assist: 1:1 viewfinder pixel zoom.

Exposure: Viewfinder histogram an

false color.

A-Cam dll Product Sheet.pdf

Participant proposition

EMMA ÅKESDOTTER RONGE (Producer & PP Manager)

A-Cam 1966 x 1092 photosites for 1.78

Alexa 2880 x 1558 photosites for 1;85

A-Cam RAW DNG 12 bit

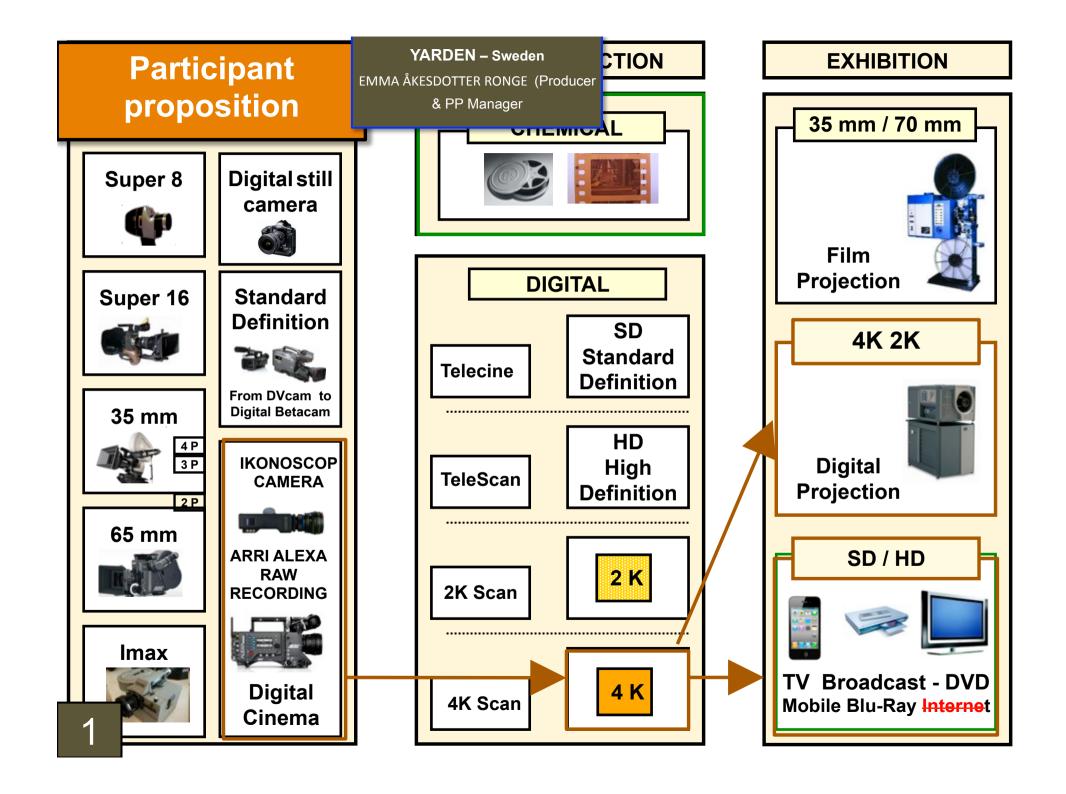
Alexa PRORES 12 -bit

A-Cam ccd sensor 200 iso

Alexa CMOS SENSOR 800 ISO

Different file format, different sensitivity could create some problems but the main problem will come from the difference of resolution between the A-cam and the Alexa





Participant proposition

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D.I. 4K D.I. ?

Camera: ARRI Alexa with raw recording 1,85 IKONOSCOP ACAM

Not so easy to harmonize

Post: 25 weeks

Ref:

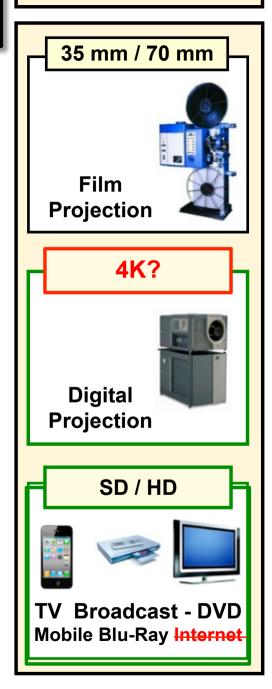
Check: Data wrangler or DIT

REMARQS

Post prod: Multi Home labs - With a "homemade" system

Advice:

Questions 1. No keywords selected



DPC 2013 Recommendation

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Subject: 90 mn FICTION

Shooting time:

6 Weeks - Sweden Belgium – 25 people in the team

ume.

D.I. 4K D.I. ?

Camera:

- ARRI Alexa SXS ProRes 2K 4:4:4 Log C 800 ISO + SxS proxys or
- ARRI Amira CFast 2.0 flash memory cards ProRes 2K 4:4:4 Log C 800 ISO (after tests) or
- SONY F55 XAVC 2K (after tests) 1250 iSO
- Put the money on lenses

Post: 25 weeks

Ref:

Check: Data wrangler or DIT

REMARQS

Post prod: Because Multi Home labs in different countries and use of a "homemade" system strong recommendation having a PP Manager

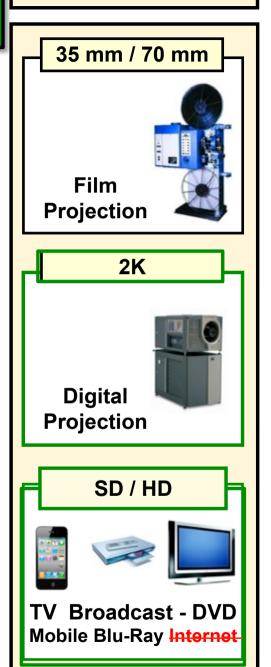
Advice:

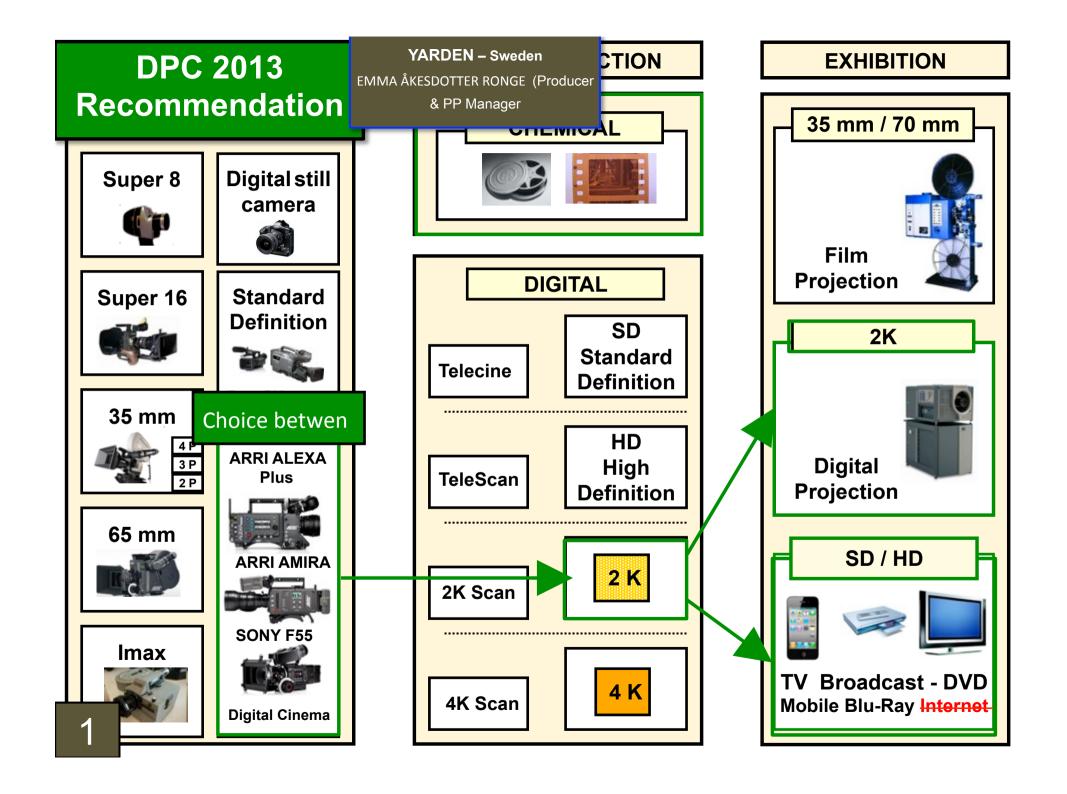
Better doing tests between cameras / codecs / ergonomics with actors (skintone) during nights on location where public lighting (sodium, mercurius) will become keylights

ions

1. No keywords selected

EXHIBITION





DPC 2013 Recommendation

EMMA ÅKESDOTTER RONGE (Producer & PP Manager)

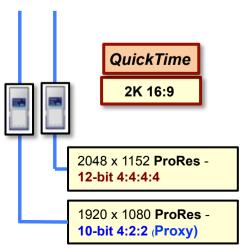






proxys

2K 12-bit 4:4:4:4 ProRes





ARRI Amira

C Fast 2.0 flash memory cards **2K 12-bit 4:4:4:4 ProRes** (after tests)

http://www.arri.com/amira/



SONY F55

SxS PRO+

XAVC 2K 10-bit 4:2:2

Possibilioties to record prixies on the same card

http://www.sony.co.uk/pro/ article/broadcast-professionalcamcorders-pmw-f55-video

Jon Fauer FDTimes
http://www.fdtimes.com/
2012/10/30/sony-f55-and-f5/

2

MURKWOOD

Switzerland

Remo Pini

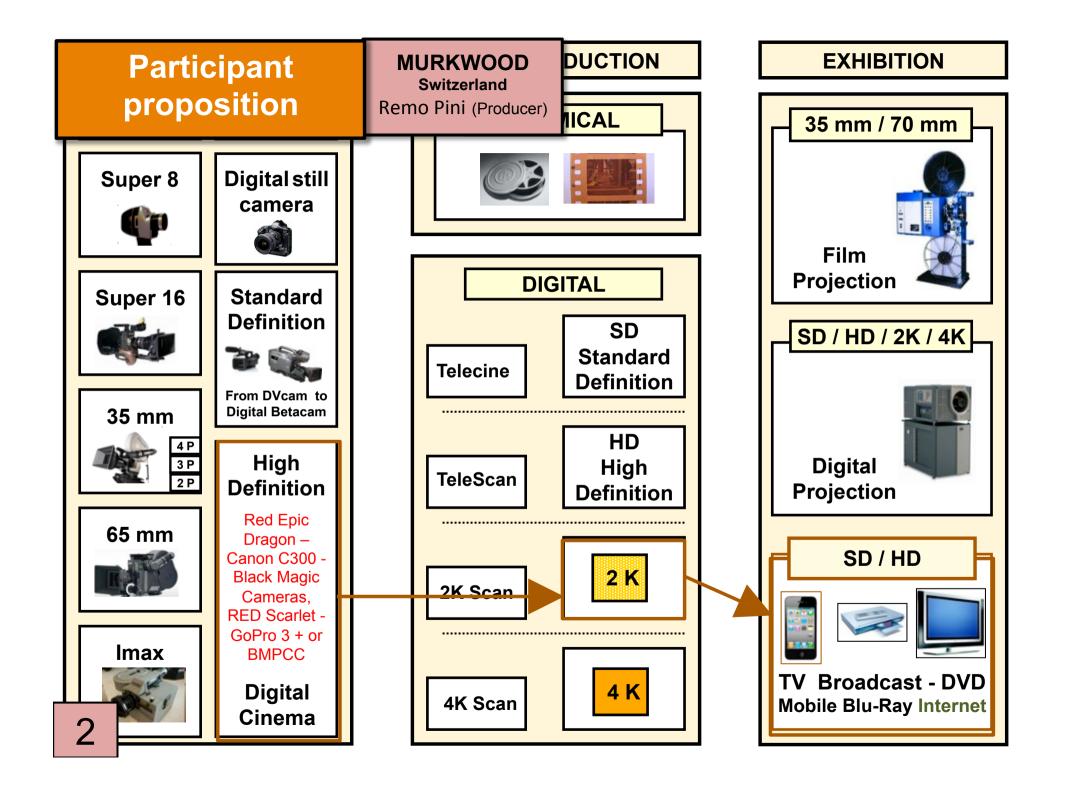
(Producer)

GRAY EMINENCE PRODUCTIONS GMBH

Participant MURKWOOD Switzerland proposition Pini (Producer) **Destination:** VoD - International - No theater **Delivery:** 2K DCP - Blu-ray / DVD **Budget:** 500 000 CHF - 406.000 € - Private equity investors. Subject: 90' - Fiction, (crime-drama/horror) **Shooting time:** 4 weeks Switzerland - (4-5 distinct locations) 2K D.I. D.I. Red Epic Dragon – Canon C300 - Black Magic Cameras, RED Scarlet Camera: -GoPro 3 + or BMPCC Handheld/Steadicam/Gimbal - Shoot in 4K with several cameras - Test of cameras - 1.85 - 10 persons in the crew VFX - Home made except grading and deliveres - Minimalist Post: No ppm – 6 months "Fargo" - "Blair Witch Project" - "Twin Peaks, The Series" - "Long Ref: Weekend" (1978) - "The Rime of the Ancient Mariner » - Monsters, Evil Dead Check: On set – Director + Production Assistant **REMARQS** Post prod & Prod **Advice** Questions 2K / 4K **Archiving DCP**

EXHIBITION





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EXHIBITION



MURKWOOD Switzerland

DPC 2013 Recommendation

Pini (Producer)

Destination: VoD - International – No theater

Delivery: 2K DCP - Blu-ray / DVD

Budget: 500 000 CHF - 406,000 € - Private equity investors.

Subject: 90' - Fiction, (crime-drama/horror)

Shooting time: 4 weeks Switzerland - (4-5 distinct locations)

D.I. 2K D.I.

Camera: Just choose 1 or 2 camera s maximum

Post: VFX - Home made except grading and deliveres – Minimalist

No ppm – 6 months

Ref: "Fargo" - "Blair Witch Project" – "Twin Peaks, The Series" - "Long

Weekend" (1978) - "The Rime of the Ancient Mariner » - Monsters, Evil

Dead

Check: On set – Director + Production Assistant

REMARQS

Post prod & Prod: Shoot one single file format and send to the lab for safety back up & quality check

Questions 2K / 4K

Archiving DCP

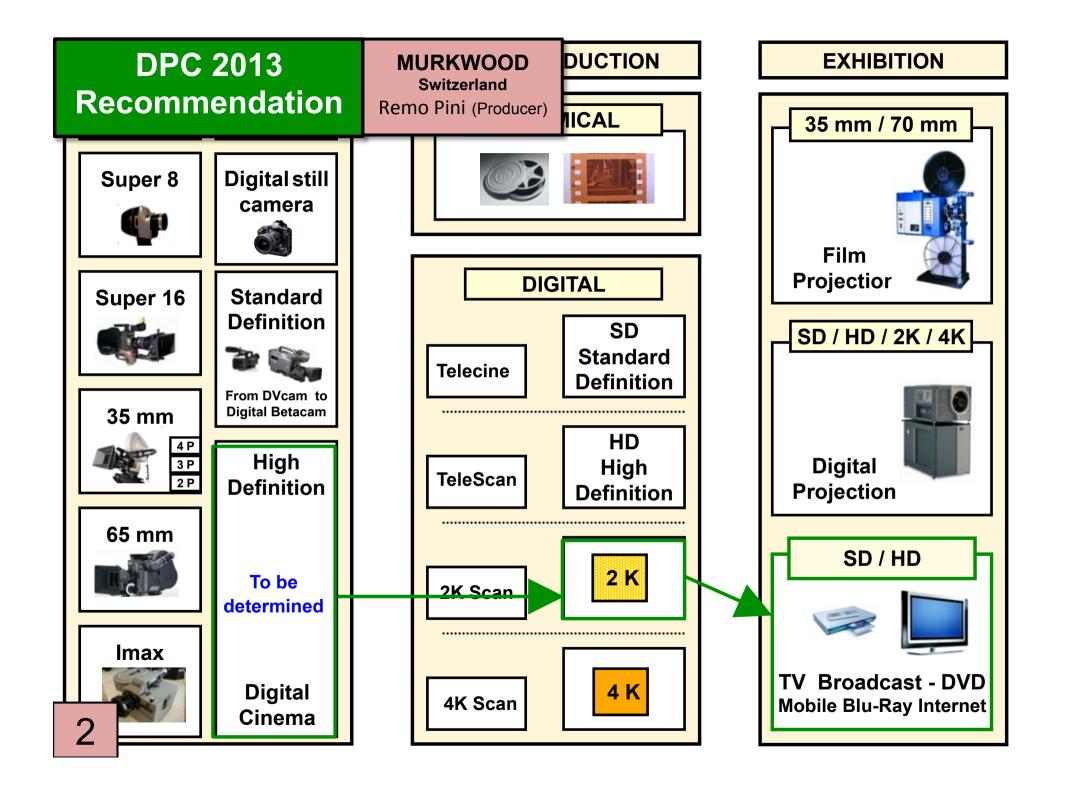
EXHIBITION



SD / HD / 2K / 4K







SHOOT

POST-PRODUCTION

EXHIBITION

3

JAKUBA

Croatia

Dragan Šiša

(DOP & PPM)

ANING FILM

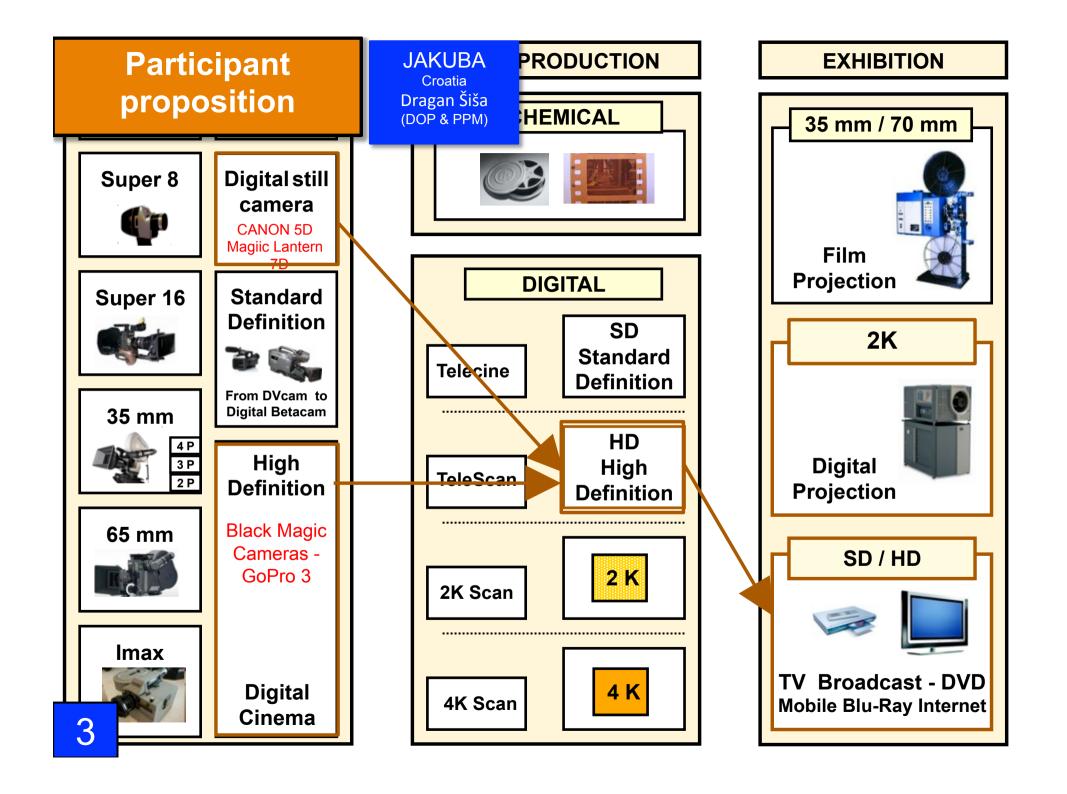
JAKUBA Croatia Dragan Šiša (DOP & PPM)

Participant proposition

Destination:	Theatre, TV, Internet, Mobile devices, VoD - National, International
Delivery:	2K DCP, HD Broadcast master
Budget:	110.000€
Subject:	Documentary 75 ' ArchIval footage Needs to know about types of footage
Shooting time:	4 weeks -
D.I.	HD D.I.
Camera:	Canon 5D Mark3 – RAW Magic Ia?? - DSLR CANON - 5D - 7D Black Magic Cameras Risk of melting – Assuming rolling shutter artifacts with night club strobe lights - extreme low light and no artificial lighting – Multi cameras - 1,78
Post:	Hybrid system ?? – 12 weeks of Post – Problem of harmonization
Ref:	The Comedian
Check:	On set, In post-production by post-production producer and producer
REMARQS	
Post prod:	A lot of cameras – Need to do some tests - Recommandation
Advice:	
Questions	Not filled

EXHIBITION





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Camera:	DSLR CANON - 5D Mark3 – RAW Magic lantern - DSLR CANON 7D, Black Magic Cameras - GoPro 3 extreme low light and no artificial lighting – Multi cameras - 1,78
Post:	Hybrid system ?? – 12 weeks of Post Problem of harmonization
Ref:	The Comedian
Check:	On set, In post-production by post-production producer and producer
REMARQS	
Post prod:	Importance of look to be defined - A lot of cameras – Need to do serious tests with DCP screenings
Advice:	
Questions	Not filled

EXHIBITION



Mobile Blu-Ray Internet

DPC 2013 Recommendation

EXHIBITION

JAKUBA Croatia Dragan Šiša (DOP & PPM)

Camera: DSLR CANON - 5D Mark3 – RAW Magic lantern - DSLR CANON 7D,

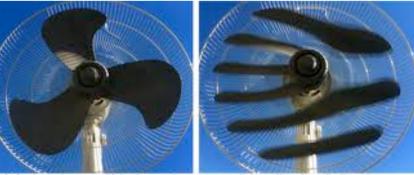
Black Magic Cameras - GoPro 3

Risk of melting – Not appropriate to night club strobe lights due to rolling shutter artifacts - extreme low light and no artificial lighting –

Multi cameras - 1,78

The rolling shutter artefacts Example: Jello effect









You will encounter problems of skew, blur, wobble and flutter on many cameras owning rolling shutters with different level of importance. (Example: Sony F5, Red Epic, DSLR's) – BETTER TO TEST!

JAKUBA Croatia Dragan Šiša (DOP & PPM)

DPC 2013 Recommendation

EXHIBITION

Camera:

DSLR CANON - 5D Mark3 - RAW Magic lantern - DSLR CANON 7D,

Black Magic Cameras - GoPro 3

Risk of melting – Not appropriate to night club strobe lights due to rolling shutter artifacts - extreme low light and no artificial lighting –

Multi cameras - 1,78

The rolling shutter artefactsPartial image

These artefacts can be reduced by software on 5D Mark III but the main problem of DSLR's cameras is the heat which can create serious damages.

Recommendation: When shooting with 5D or other still cameras better to have several similar DSLR's

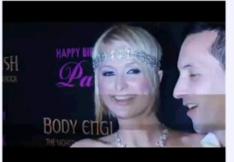










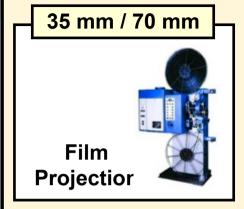


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DPC 2013 Recommendation

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EXHIBITION



2K

Digital Projection

SD / HD

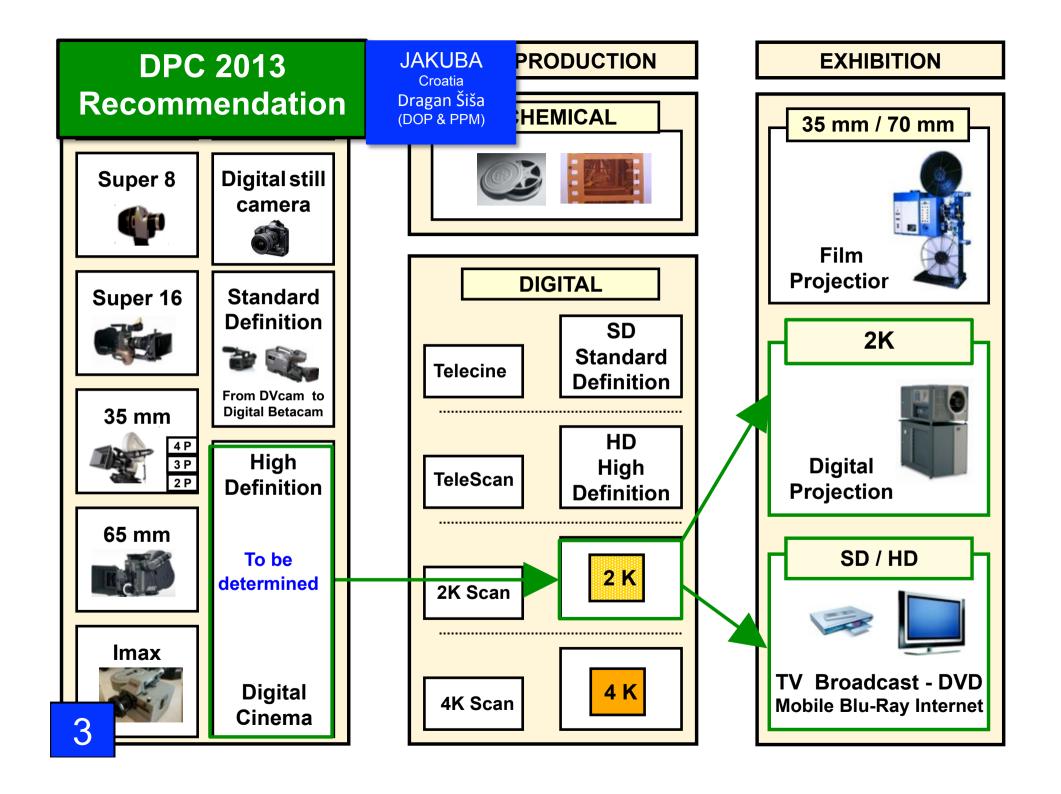




TV Broadcast - DVD **Mobile Blu-Ray Internet**

Questions

Not filled



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WOMAN ON TOP

POLAND

Radosława Bardes

(Production Coordinator)

RUN FILMS

WOMAN ON TOP - FRANCE

Participant proposition

Destination: Theatre, TV, Internet, Mobile devices, VoD

International

HD Broadcast master **Delivery:**

RADOSŁAWA BARDES (Director / Producer)

Budget: 1 500 000 Furos

Subject: 100' - Fiction, Drama Mountain Shooting Himalaya Alpgs

Shooting time: 8 weeks Seems short (Austria & Poland). ?? No Himalaya

D.I. HD

35 mm 4 perfs - SONY F55 Raw recording 4K / 2K -RED Epic - Red Camera:

One - DSLR CANON 1D C - 1D - 5D - 7D - SONY NEX-FS700 - 1.85

Post: VFX

Ref:

Check: postproduction manager On set & in post

REMARQS

Prod:

Advice:

Questions 1. - Formats

2. - Digital Distributionsn

3. - Special Effects

EXHIBITION



HD

Digital Projection

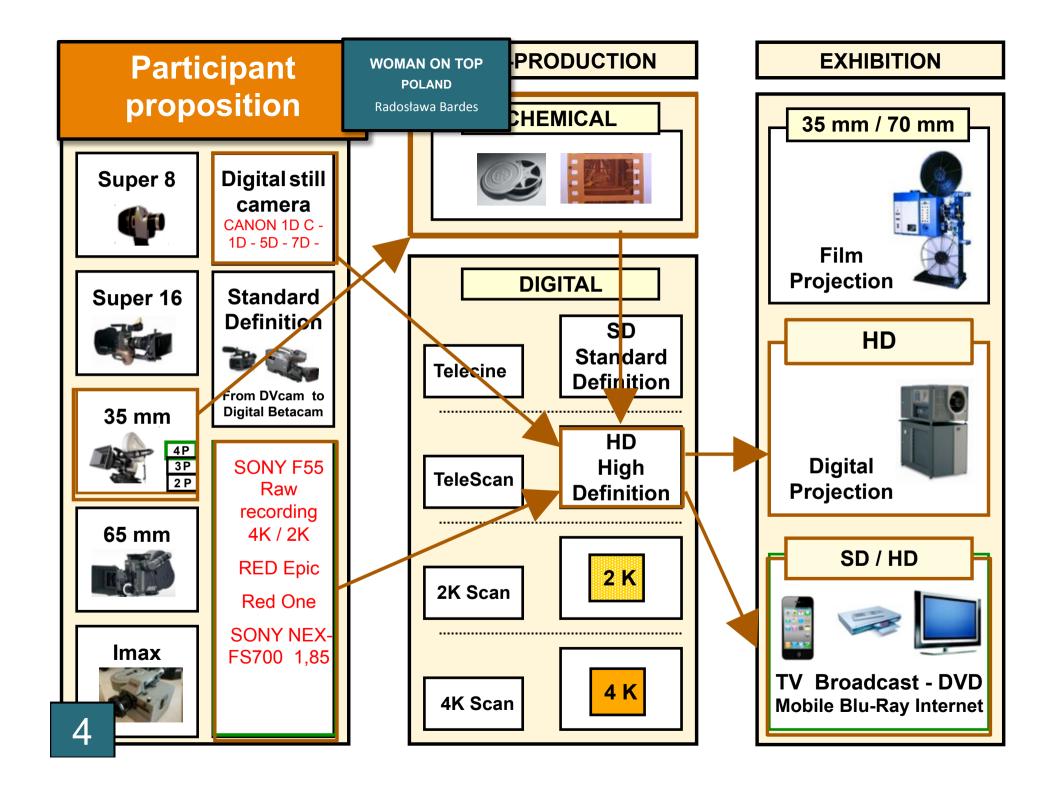
SD / HD







TV Broadcast - DVD Mobile Blu-Ray Internet



WOMAN ON TOP - FRANCE

Participant proposition

EXHIBITION

RADOSŁAWA BARDES (Director / Producer)

Destination: Theatre, TV, Internet, Mobile devices, VoD

International

Delivery: HD Broadcast master ??

Budget: 1 500 000 Euros

Subject: 100' - Fiction, Drama Mountain Shooting Himalaya Alpgs

Shooting time: 8 weeks Seems short (Austria & Poland). ?? No Himalaya

D.I. HD ??

Camera: 35 mm 4 perfs - SONY F55 Raw recording 4K / 2K -RED Epic – Red

One - DSLR CANON 1D C - 1D - 5D - 7D - SONY NEX-FS700 -

1,85 ?? ??

Post: VFX

Ref:

Check: postproduction manager On set & in post

REMARQS

Prod: Budget seems weak HD workflow? Why so many camera,

file formats? Missing infos on style

No indication on High Speed cameras

Advice:

4

Questions 1. - Formats

2. - Digital Distributionsn

3. - Special Effects



WOMAN ON TOP - FRANCE

DPC 2013 Recommendation

RADOSŁAWA BARDES (Director / Producer)

Destination: Theatre, TV, Internet, Mobile devices, VoD

International

Delivery: 2K + Broadcast master

Budget: 1 500 000 Euros (missing some means)

Subject: 100' - Fiction, Drama Mountain Shooting Himalaya Alpgs

Shooting time: 8 weeks Seems short (Austria & Poland). No Himalaya

location

D.I. 2K

35 mm 2 perf s or Super 16 or Canon C500 (ergonomics and final Camera:

result to be checked)

Post: VFX

Ref:

postproduction manager On set & in post Check:

REMARQS

Minimize VFX Prod:

Advice:

Questions 1. - Formats

2. - Digital Distributionsn

3. - Special Effects

EXHIBITION



2K









TV Broadcast - DVD **Mobile Blu-Ray Internet**

