

Presentation 9

Overview of NHK Archives

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Bangkok, Thailand

DiBEG JAPAN

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Introduction

NHK Archives

Preservation and issues for the future

- TV broadcasts since 1953
- More than 700,000 items of materials
- HDTV technology
- Cultural assets for the nation



The System at NHK Archives

NHK Archives' contents



	News	Programs
Tokyo HQ	1,342,000	484,000
Local stations	2,316,000	92,000
<u>Total</u>	<u>3,658,000</u>	<u>576,000</u>

Digital HDTV

NHK's HDTV service

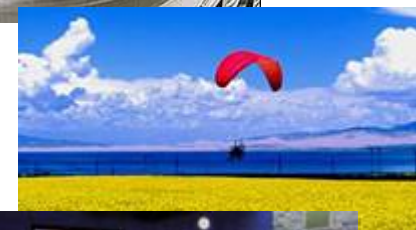
- Clear picture and compelling sound
 - 1,125 scanning lines and 5.1 surround audio*
- 96% of broadcasts on our terrestrial channel produced and sent out in the HD format
- Adopted for the 2008 Beijing Olympics
- NHK-UNESCO world heritage video archive



Digital HDTV

Silk Road Project

- "Silk Road" documentary series (film roll)
- Historic piece co-produced with CCTV China
- Renovated and renewed in a HDTV format



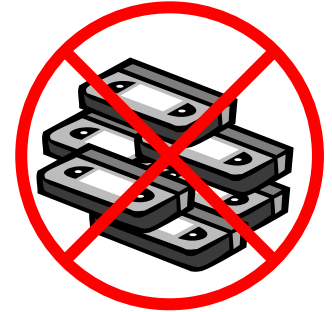
HDTV technology

- HDTV – draw out the details in the film
- Retouching the deteriorated and faded film
- Revived, surpassing the original visual standards

Doing away with the need for tapes

Tape-less format with HDTV

- The system without any tape
- Much more capacity and speedup of SDTV
- Economical



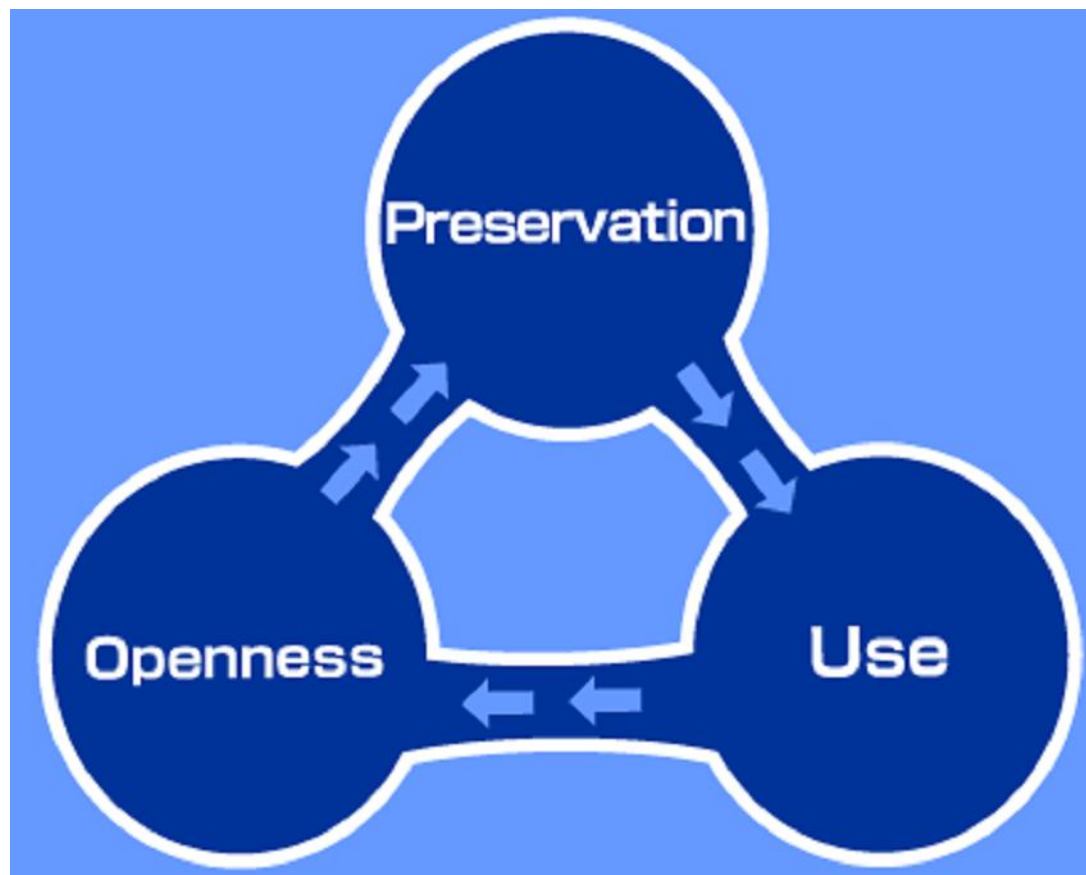
NHK Archives' challenge

- Whether to use servers for preservation or high-capacity optical disks
- Which compression format to adapt



Conclusion

■ NHK Archives' three Key Concepts



Thank you for your attention!

DiBEG (Digital Broadcasting Expert Group)

<http://www.dibeg.org/>

NHK (JAPAN BROADCASTING CORPORATION)

<http://www.nhk.or.jp/english/>