

« *networking the networkers* »



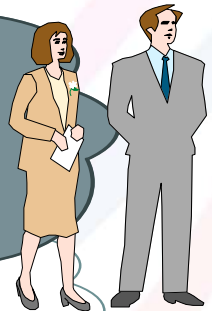
Media Management and Distribution Workshop  
Zurich, Switzerland  
29-30 January, 2009

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## Media Management and Distribution Workshop



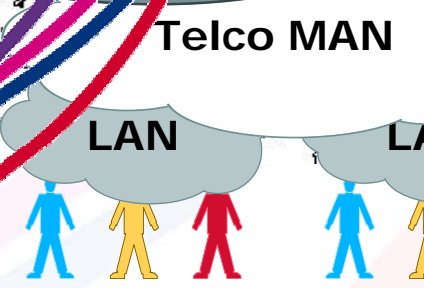
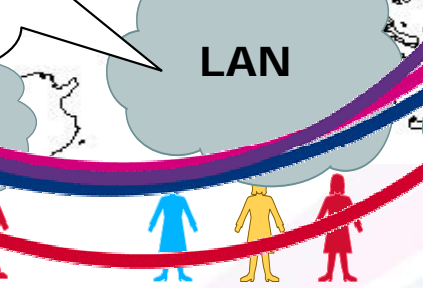
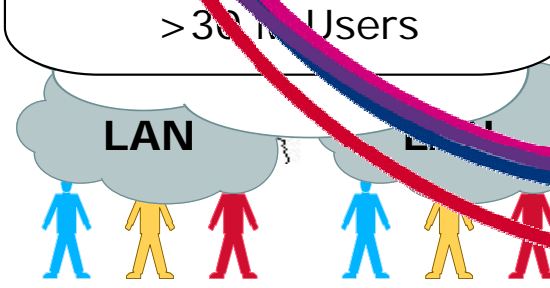
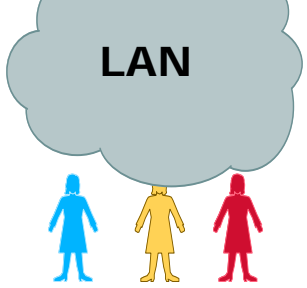
# Who are the key players, where and how?



Campus Network (MAN/MAN)  
> 3,500 Institutions  
> 30M Users

The 34 NREN's (MAN/WAN)

NREN  
Telco MAN



Researchers, Professors, Students

Researchers, Professors, Students



# About TERENA

- 
- The background features a vertical grey bar on the left containing a close-up of a thick, braided rope with a knot. To the right, several diagonal, semi-transparent bands in shades of purple, pink, light blue, and red sweep across the page from the bottom left towards the top right.
- › TERENA offers a forum to collaborate, innovate and share knowledge in order to foster the development of Internet technology, infrastructure and services to be used by the research and education community.
  - › TERENA is first and foremost a collaborative organisation.
    - › Its core business is to bring together managers, technical specialists and other people in the research networking community with their counterparts from other countries in Europe, mobilising the expertise and experience of hundreds of professionals in the research and education networking area.



# TERENA 'Voice and Video' history 1/2

- › TF-Stream
  - › 1999-2001 - use of audio/video streaming and conferencing over the Internet
- › TF-Netcast
  - › 2003-2004 – portal for live streaming announcements
  - › IP Telephony Cookbook
- › TF-VVC (Voice, Video and Collaboration)
  - › 2004-2006 – suitability of voice, video and collaboration technologies for NRENs
  - › GDS admin table
- › TF-VSS (Videoconference Service Studies)
  - › 2006-2007 - Europe-wide videoconferencing service for the higher education and research communities
- › TF-ECS (Enhanced Communication Services)
  - › 2006-2008 – collaboration tools and technologies that go beyond simple voice and video conferencing
  - › Triple achievement: NRENum.net service, N-ECS server image and SIP Handbook



# TERENA 'Voice and Video' history 2/2

- › BoF: 'DoyoutubeUtoo'

- › TNC'08 – 22 participants, extensive discussions

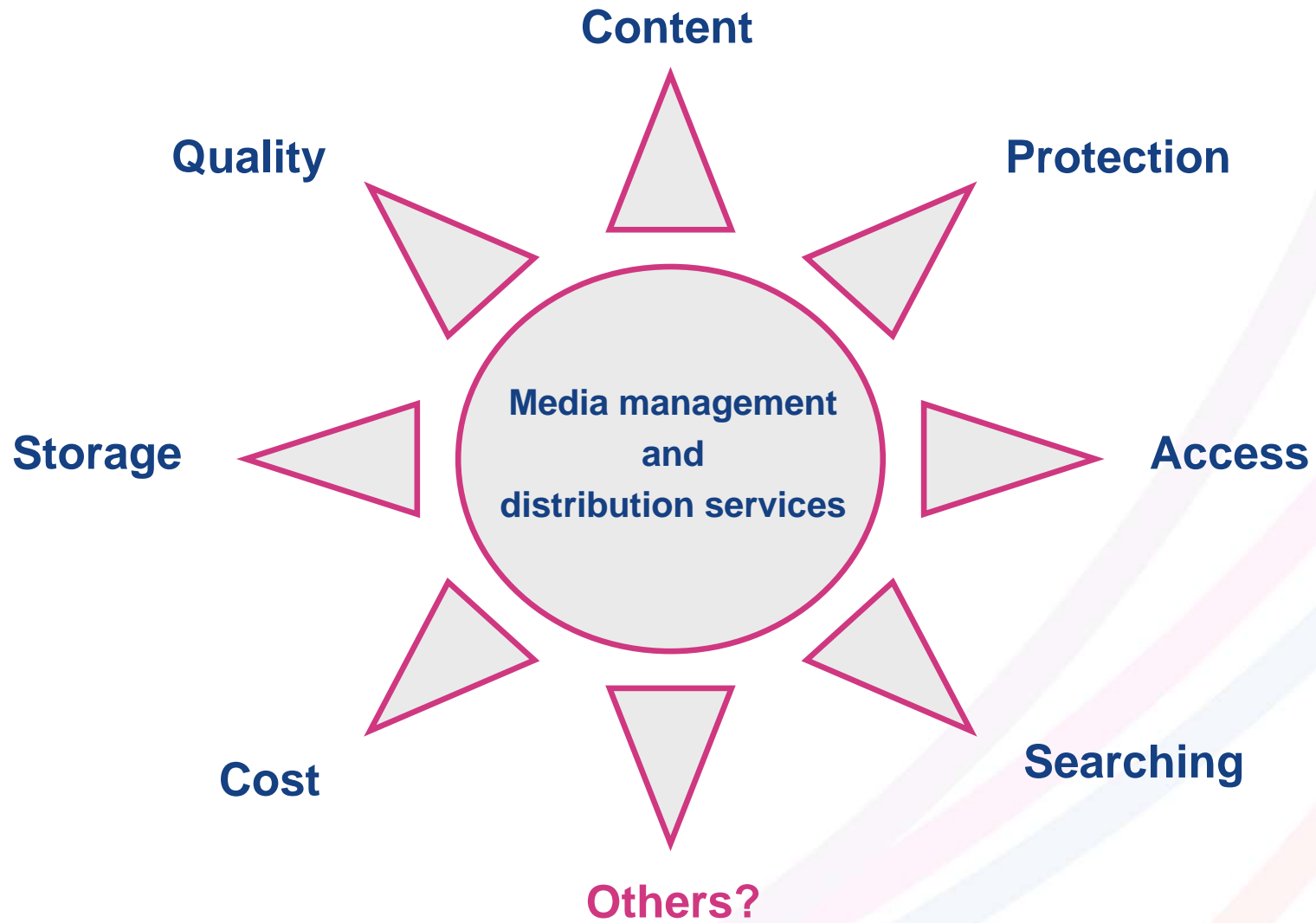
"The NRENs' community has found that it is in a good position to provide audio and video recording, repository and distribution services to universities (where e.g., lectures can be recorded, archived and distributed), taking into account special requirements."

- › Media Management and Distribution Workshop

- › January 2009 – 45+ participants, lot of interest
- › Topics:
  - › 1) Video Content Management Systems
  - › 2) Federating Media Repositories



# Scope and dimensions





# Structure of the workshop 1/2

## *Day 1: Video Content Management Systems - January 29*

### Registration

- › Welcome and introduction, Peter Szegedi (TERENA)
- › SWITCHcast - a new approach to video management systems, Fabio Vena (SWITCH)
- › SURFMedia & SURFmedia Core - Architecture and Features, Alexander Blanc and Frans Ward (SURFnet)

### Coffee Break

- › PuMuKIT, Vicente Goyanes de Miguel (Universidad de Vigo)
- › virtPresenter & lernfunk.de, Markus Ketterl (Universität Onsabrück)
- › **Panel Discussion, Chair: Frans Ward (SURFnet)**

### Dinner

Slide 7



# Structure of the workshop 2/2

## *Day 2: Federating Media Repositories - January 30*

### Registration

- › Introduction, Fabio Vena (SWITCH)
- › Open media coding formats, Audun Vaaler (Østfold University College)
- › ARCA, Jose Maria Fontanillo (RedIRIS)

### Coffee break

- › AAI issues, Ajay Daryanani (RedIRIS)
- › Zappiens, Marta Dias and Rui Ribeiro (FCCN)
- › OpenCast project overview, Olaf A. Schulte (ETH)
- › **Panel Discussion, Chair: Jose Maria Fontanillo (RedIRIS)**



# Aims

- › To collect ideas, suggestions and experiences about all aspects that could impact the development of a federated media management and distribution system/service on a pan-European scale.
- › The goal is to identify:
  - › the potential roles of NRENs and Universities in developing this area, as well as
  - › the core group of researchers willing to work on the technical and administrative issues around those roles.