



**1<sup>st</sup> TF-Media meeting**  
**Thursday - Friday, 18-19 March, 2010**  
Athens, Greece

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## Minutes

### 1. Welcome and apologies

The first TERENA media task force (TF-Media) meeting was held on 18-19 March, 2010 in Athens, Greece in conjunction with a workshop on academic media casting, both hosted by GRNET, the Greek Research and Technology Network. The TERENA secretary was Peter Szegedi.

The presentations and the recordings of both the GRNET workshop and the TF-Media meeting sessions are available on the TERENA website:

<http://www.terena.org/activities/media/meeting1/programme.html>

The first day of the event started with the GRNET workshop. More than 50 participants locally, and 20 others connected remotely, learned about open media technologies, various media platforms, as well as national and world wide initiatives. The event continued with the first TF-Media meeting on the second day. The opening speech was given by Andy Zbinden (SWITCH), the chair of TF-Media, who welcomed the workshop participants and gave a brief overview on the task force motivations and objectives.

## 2. GRNET workshop on Academic Media Casting

Andy Zbinden (SWITCH), following his opening speech, gave an update on SWITCHcast system. For more information:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-intro-az.pdf>

Audun Vaaler (Ostfold University College) and Otto Wittner (UNINETT) presented the recent developments in Norway and around the world related to open media technologies. They highlighted the importance and benefits to deploy open media standards. See:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-openmedia-av.pdf>

Olaf A. Schulte (ETH Zurich) introduced the Opencast worldwide community and its open source academic media platform Matterhorn. The Opencast community supports community-driven projects to solve common issues in management of academic audiovisual content. See:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-opencast-vg-oas.pdf>

Björn Haßler (Cambridge University) spoke about Steeple that is a JISC funded UK higher education community project. Steeple is facing with the similar issues as Opencast but at the national level. They provide consultancy and give technical support for members as well as organise hands-on trainings for instance on Opencast Matterhorn platform. For more details:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-steeple-bh.pdf>

From the National Research and Education Networks (NRENs) perspective Frans Ward (SURFnet) introduced SURFmedia that is an on-line front-end media portal with federated access, and its MediaMosa back-end architecture. MediaMosa is a robust and flexible media management application. It was created in the Netherlands by SURFnet, Sticing Kennisnet, and Madcap and it is now available as an open source download for the entire educational world. The architectural details can be found here:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-surfmedia-fw.pdf>

After the lunch break Olaf A. Schulte introduced the audio, video infrastructure and multimedia services portfolio at ETH Zurich. Beside the wide variety of multimedia services, ETH Zurich also offers infrastructure support services, such as classroom assistance, A/V equipment pool and classroom planning. See:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-ethzurich-oas.pdf>

Vicente Goyanes de Miguel presented University of Vigo multimedia services, such as UVigo-TV and the PuMuKIT platform. PuMuKIT is an open source (full workflow) multimedia management system compatible with any streaming technology. More about PuMuKIT:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-pumukit-vg.pdf>

Jose-Maria Fontanillo (RedIRIS) spoke about multimedia content federation and the ARCA service portal. ARCA is a federated metadata management system, aggregator for multimedia contents. Its main goal is to centralize all the metadata information from available video contents of universities and research centres in order to find lectures from any institution. See:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-arca-jmf.pdf>

The rest of the afternoon was dedicated to the various speeches from the local Greek community. Natalia Manola (University of Athens) presented OpenAIRE, the Open Access Infrastructures for European Research. Please, find the presentation here:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-openaire-nm.pdf>

It was followed by a panel discussion led by Nikos Manouselis (GRNET).

Dr. Pantelis Balaouras (University of Athens) gave an overview on the multimedia services for the Greek higher education community. For more details:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-grnet-pb.pdf>

Emmanouil Zouraris spoke about multimedia services at the University of Crete and the Greek School Network such as video on demand, flash playback, and IPTV. See:

<http://www.terena.org/activities/media/meeting1/slides/grnetws-crete-ez.pdf>

The day was closed with an open discussion on the past, present and future of academic media services in Greece led by Zenon Mousmoulas (GRNET).

### **3. TF-Media meeting**

The second day of the joint event was dedicated to the first TF-Media meeting. Peter Szegedi (TERENA) opened the meeting and asked the participants to give brief reports about the recent media related events happened since the last meeting in Prague.

Michal Krsek (CESNET) reported about APAN (Asia-Pacific Advanced Network) Conference (<http://www.apan.net/meetings/Sydney2010/>) that was held on 8-11 February, 2010 in Sydney, Australia. Michal noted that there were interesting sessions on e.g., SIP/H.323 based videoconferencing, network-based delivery of HD (high-definition)/4K video technology, and medical applications with high-quality moving image on a broadband internet. But, there were no media management and distribution related talks during the event.

Olaf A. Schulte (ETH Zurich) reported about the workshop on Open Access Publishing and Open Video organised by ETH Zurich on 21-22 January, 2010. This workshop examined opportunities and challenges posed by the Open Access movement with a strong focus on needs and developments in research universities. Issues such as quality assurance, publication costs and impact factors were addressed. Further, technical and strategic aspects linked to the implementation of Open Access policies were discussed.

The Open Video workshop participants agreed on a 'Declaration on Open Video' to convince lecturers to make their recordings available. TF-Media participants found this declaration useful for TF-Media purposes either.

TF-Media participants agreed that a more formal liaison with Opencast community would be beneficial for both sides. A small Action Group 1 under Work Item E (*including: Vicente Goyanes de Miguel, Andy Zbinden, and Michal Krsek*) was created to text a formal liaison statement (one-page document) to Opencast about TF-Media motivations, objectives and potential collaboration areas. The draft liaison document will be circulated on the tf-media list for final approval by the task force participants.

***ACTION Tsec(10)007-1 on Vicente Goyanes de Miguel, UVigo and 'Action Group 1E' to coordinate the preparation and approval of the formal liaison statement document to Opencast. The agreed liaison document should be sent to Opencast (Olaf A. Schulte, ETH Zurich) by 30 April, 2010.***

*Feel free to join to this action group!*

Otto Wittner (UNINETT) reported about the TERENA TF-CPR meeting (held on 4-5 March, 2010 in Ljubljana, Slovenia) where he gave a brief presentation about TF-Media. See:

<http://www.terena.org/activities/media/meeting1/slides/tfmedia1-uninett-ow.pdf>

The PR people well received the presentation and expressed their interest in supporting that. As an outcome of the discussions, the TF-CPR people will use the TF-Media wiki to specify some service promotion scenarios for us. Otto will collect a list of items/use cases on the wiki where TF-CPR can help out.

***ACTION Tsec(10)007-2 on Otto Wittner, UNINETT to create a wiki space and collect the issues/service oriented use cases where TF-CPR may help out. The progress will be reported on the next coming TF-Media meeting.***

*Any contribution to this is very welcome!*

Dean Skandalis, senior vice president of MPEG LA, gave an AVC Patent Portfolio License briefing and explicitly stated that the AVC/H.264 License will continue not to charge royalties for internet video that remains free to end users until 2015. For more details:

<http://www.terena.org/activities/media/meeting1/slides/tfmedia1-mpeg-la-ds.pdf>

The last session before lunch was dedicated to the legal issues and EU regulations related to academic media management and distribution. Jason Miles-Campbell (JISC) highlighted the importance of delivery legal issues (such as patent law, copyright law, licensing and accessibility) as well as content legal issues (such as copyright, data protection, and general liability). See:

<http://www.terena.org/activities/media/meeting1/slides/tfmedia1-jisc-jmc.pdf>

Then, Katrien Lefever (ICRI K.U.Leuven - IBBT) summarised the essentials of the EU audiovisual media regulation related to the task force. For more details:

<http://www.terena.org/activities/media/meeting1/slides/tfmedia1-regulations-kl.pdf>

In the after lunch session Zenon Mousmoulas (GRNET) presented the GRNET media related services (<http://www.terena.org/activities/media/meeting1/slides/tfmedia1-grnet-zm.pdf>) to the task force audience and Nikos Palavitsinis (GRNET) gave a case study of federating thematic learning communities with Organic.Edune

(<http://www.terena.org/activities/media/meeting1/slides/tfmedia1-organicedunet-np.pdf>) that is a multilingual federation of learning repositories. The last speaker of the session, Joris Klerxx (Katholieke Universiteit Leuven), introduced the ARIADNE federation of learning repositories.

For more information: <http://www.terena.org/activities/media/meeting1/slides/tfmedia1-ariadne-jk.pdf>

## 4. Discussions

There was a TF-Media discussion session in parallel with the GRNET workshop in the afternoon of the first day and there were many other side discussions during the two-day event. The outcome of those discussions and the potential actions are summarised below.

In general, the meeting participants felt that the TF-Media agenda was too packed, and there were no chance for real discussions, debates, etc. It was agreed that the next coming meeting programme should be less dense and more room must be accommodated in the agenda for panel and/or round table discussions. Ideally, the Work Item leaders or any individual participants can come up with a topic/issue to be discussed. The list of topics, issues will be agreed with the meeting participants in advance (via the mailing list).

***ACTION Tsec(10)007-3 on Peter Szegedi, TERENA to start collecting the topics/issues for the next coming TF-Media meeting discussions on the mailing list.***

During the Athens meeting the participants have explicitly mentioned three topics:

- Metadata in media management systems
- Practical hands-on training on Opencast Matterhorn
- Feature comparison of Matterhorn and MediaMosa

*More topics may come up on the mailing list!*

TF-Media discussions concluded that the task force should work close together with other communities and efficiently exchange information. As a first step, a small Action Group (AG 1E) has been created to text a formal liaison statement to Opencast community. See ACTION Tsec(10)007-1 above.

It is planned to follow up on the same way with Europeana (representing the librarians community), EUNIS (the association of universities) and with other projects such as Steeple and CineGrid, in the future. It was mentioned that the next coming EUNIS conference will be held on 23-25 June, 2010 in Warsaw, Poland. Andy Zbinden (SWITCH) will present about TF-Media there. It is a good opportunity to start formal discussions with EUNIS E-Learning Task Force.

TF-Media participants decided to speed up the information collection process had been started with the wiki page. A small Action Group 1 under Work Item B (*including: Michal Krsek, Frans Ward, and Otto Wittner*) was created to prepare a questionnaire to European NRENs. The aim of this questionnaire is to collect all the available information about media management and distribution tools, platforms, services, future plans, etc. from all the European NRENs. At a later phase, the questionnaire can be distributed to the academic community at the national level coordinated by the NRENs.

*Note that the questionnaire is not replacing the wiki just speeds up the information collection process!*

***ACTION Tsec(10)007-4 on Michal Krsek, CESNET and 'Action Group 1B' to prepare a questionnaire that can be distributed among all the European NRNEs asking them about media management and distribution tools, platforms, services, future plans, etc. Deadline for the first draft is 30 of April, 2010.***

*Feel free to join to this action group!*

Frans Ward (SURFnet) mentioned that he submitted a joint paper with Olaf A. Schulte (ETH Zurich) to the 10th DIVERSE Conference (<http://www.usm.maine.edu/pdc/diverse/index.htm>) to be held on 6-8 July, 2010 in Portland, Maine, USA. The paper is about the detailed comparison of the two open source media platforms; Opencast Matterhorn and MediaMosa. This could be a good basis of the further work in Work Item C of TF-Media.

Participants asked TERENA to make the past tf-media mailing list discussions public.

***ACTION Tsec(10)007-5 on Peter Szegedi, TERENA to create a link to the tf-media mailing list web archive and put up to the TF-Media website.***

TF-Media mailing list web archive is available here:

<http://www.terena.org/mail-archives/tf-media/>

## **5. Date of next meeting, aob, and close**

The Work Item Leaders (WIL) agreed to have regular WIL meetings via Adobe Connect bi-weekly, but at least once per month.

***ACTION Tsec(10)007-6 on Peter Szegedi, TERENA to arrange the regular Work Item Leaders meeting via Adobe Connect.***

It is planned to have a half-day TF-Media meeting on the day before the TERENA Networking Conference 2010, in Vilnius, Lithuania. The allocated slot is on the 30<sup>th</sup> of May (Sunday) at 9am-12:30pm (3.5 hours). See: <http://tnc2010.terena.org/schedule/>

TF-Media participants realised the issue that the meeting will be less attended by the regular TF-Media participants, although a lot of new people is expected to be there. Suggestions on what we can do with that available slot are welcome. One option is to invite the local LITNET and Lithuanian academic community and raise awareness on TF-Media in general.

***ACTION Tsec(10)007-7 on Peter Szegedi, TERENA to clarify how we can use the available TF-Media slot during TNC 2010.***

The participants expressed their intention to have more frequent meetings. Some of the TF-Media meetings can be held remotely via Adobe Connect. Since the TNC 2010 conference seems to be low attended by the TF-Media participants, there is an opportunity to organise a virtual TF-Media meeting on the week before or after the TNC. TERENA can offer the virtual meeting room (AC and/or VC), however it is always possible to meet in the TERENA office (Amsterdam, the Netherlands) in person, up to 20 people.

***ACTION Tsec(10)007-8 on Peter Szegedi, TERENA to clarify the possibility of a (partly) virtual TF-Media meeting on the week before or after the TNC.***

UNINETT kindly offered to host the autumn TF-Media meeting in Norway. The potential date for the meeting would be the 7-8 October, 2010 (to be clarified).

***ACTION Tsec(10)007-9 on Peter Szegedi, TERENA and Otto Wittner, UNINETT to clarify the details of the autumn TF-Media meeting hosted by UNINETT in Norway.***

Andy Zbinden (SWITCH), as the chair of the task force, Zenon Mousmoulas (GRNET), as the local host, and Peter Szegedi (TERENA), as the task force secretary, closed the meeting and thanked the attendees for the active participation.

## Action list

Reference	Who	Action	Deadline
Action Tsec(10)007-1	Vicente Goyanes de Miguel (UVigo) and AG 1E	Prepare, approve and send a formal liaison statement to Opencast on behalf of TF-Media	30 April, 2010
Action Tsec(10)007-2	Otto Wittner (UNINETT)	Collect the list of issues, service oriented use cases for TF-CPR on the wiki	Next meeting
Action Tsec(10)007-3	Peter Szegedi (TERENA)	Collect topics, issues on the mailing list for discussion on the next meeting	Next meeting
Action Tsec(10)007-4	Michal Krsek (CESNET) and AG 1B	Prepare a questionnaire to NRENs about TF-Media related platforms, services, future plans, etc	30 April, 2010
Action Tsec(10)007-5	Peter Szegedi (TERENA)	Create a link to the tf-media mailing list web archive and put up to the TF- Media website	Immediately
Action Tsec(10)007-6	Peter Szegedi (TERENA)	Arrange the regular Work Item Leaders meeting via Adobe Connect	On-going
Action Tsec(10)007-7	Peter Szegedi (TERENA)	Clarify how we can use the available TF-Media slot during TNC 2010	Immediately
Action Tsec(10)007-8	Peter Szegedi (TERENA)	Clarify the possibility of a (partly) virtual TF-Media meeting on the week before or after the TNC 2010	Immediately
Action Tsec(10)007-9	Peter Szegedi (TERENA), Otto Wittner (UNINETT)	Clarify the details of the autumn TF- Media meeting hosted by UNINETT in Norway	Before the summer holyday season

## Action Groups

Group	Participants
AG 1E on Opencast liaison	Vicente Goyanes de Miguel (UVigo) - coordinator Andy Zbinden (SWITCH) Michal Krsek (CESNET)  <i>open for interest</i>
AG 1B on NREN questionnaire	Michal Krsek (CESNET) – coordinator Frans Ward (SURFnet) Otto Wittner (UNINETT)  <i>open for interest</i>

## List of meeting participants

Name	Affiliation
Audun Vaaler	Østfold University College
Aggeliki Dimitriou	National Technical University of Athens
Anastasios Orfanidis	Demokritos University of Thrace
Andy Zbinden	SWITCH
Antonis Zissimos	GRNET
Audun Vaaler	Østfold University College
Carlos Turro	Universidad Politécnica de Valencia
Charalabos Alifieris	University of the Aegean
Claudia Cordova	CLARA
Damir Regvart	CARNet
Daniel Frankovic	CARNet
Diba Markus	The Danish Research Network
Dina Sakka	National Technical University Of Athens
Emmanouil Zouraris	University of Crete
Faidon Liambotis	GRNET
Francesco Beone	ENEA
Frans Ward	SURFnet
Geroge Lekatsas	University of Patras
Giorgos Vourakis	University of Athens
Jason Miles-Campbell	JISC
Jose Maria Fontanillo	RedIRIS/Red.es
Justin Hourigan	HEAnet
Kim Mikkelsen	Roskilde University
Lambros Lambrinos	Cyprus University of Technology
Leo Enright	e-sci Consortium
Maciej Strozyk	PSNC
Manolis Papakonstantinou	Executive Broadcasting Business Consultant
Matteo Bertazzo	CINECA
Michael Gatzonis	University of Athens
Michal Krsek	CESNET
Miroslaw Czyrnek	PSNC
Natalia Manola	University of Athens
Nikos Manouselis	Greek Research & Technology Network
Nikos Houssos	National Documentation Centre (EKT / NHRF)
Nikos Palavitsinis	Greek Research & Technology Network
Olivier Lumineau	Comité Réseau des Universités
Olivier Jeger	SWITCH
Otto J. Wittner	UNINETT
Panagiotis Stathopoulos	EKT/NHRF
Panagiotis Markopoulos	Univ. of Athens / Greek Academic Network

Panagiotis Stathopoulos	EKT/NHRF
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Peter Szegedi	TERENA
Rui Ribeiro	FCCN
Samuel Martins	University of Porto
Spiros Ioannou	Hellenic National Audiovisual Archive
Tryfon Chiotis	GRNET
Vaios Kolofotias	Aristotle University of Thessaloniki
Vanessa Skiadelli	University of Athens
Vesa Savolainen	FUNET/CSC
Vicente Goyanes	University of Vigo
Zenon Mousmoulas	GRNET