

Annex: Tellnet newsletter

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Teachers' Lifelong Learning Network

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TeLLNet Newsletter N°5 – September 2012

To understand better why some teachers get an "eTwinning virus" and are able to spread it around - and others not!



Education and Culture DG

Lifelong Learning Programme



Final Tellnet event at Media & Learning 2012 Conference in Brussels **Social media networks in schools and in teacher's lives**

How teachers can use social networks to support their professional development? The final TeLLNet workshop will take place on 14 November at the [Media & Learning Conference](#) in Brussels, focusing on the importance of professional development networks for teachers' lives.

Participants in this workshop will be able to familiarise with the basics of Social Network Analysis in the context of [eTwinning](#), the community for school in Europe, and will learn about concepts such as network structure and social capital. A prospective scenario-building exercise called "Teachers' profession and teacher collaboration networks in 2025" will offer a number of recommendations to policy makers and educational stakeholders.

A booklet with final results from the project will also be released. The booklet will additionally include a set of possible future scenarios of teachers' profession in compulsory education in 2025. The booklet is targeted to educational policy-makers in Europe. It's aim is to help discuss plausible futures of teachers' profession and collaboration networks through the use of fictional scenarios.

Social Learning Analytics - a TeLLNet paper presented in Open and Social Technologies for Networked Learning OST'12

The paper "[Social learning analytics to study teachers' large-scale professional networks](#)", prepared in the framework of TeLLNet using eTwinning as a case study, was presented at the "Open and Social Technologies for Networked Learning" (OST) conference in Tallin, Estonia from 30 July – 3 August 2012.

The paper investigates how the eTwinning network can be better studied with the help of Social Learning Analytics.

There is a growing interest in research focusing on teachers' large-scale socio-technical networks. Social learning approaches such as social constructivist theory is well established, however, the current challenges lie in creating reliable methods to gather evidence of how and under which conditions social learning takes place in such socio-technical networks and how does it support teachers' lifelong learning goals. The field of Learning Analytics (LA) addresses the issue of individual learners, whereas Social Learning Analytics (SLA) addresses that of groups' processes in knowledge construction.

[About Open and Social Technologies for Networked Learning OST'12](#)

Social Learning Analytics to study Teachers' Large-scale Professional Networks:

- [Link to paper](#) (pdf)
 - [link to presentation](#) (ppt)
-

eTwinning Personas: what type of eTwinners are there?

Personas, among other things, can be used as a tool in marketing studies to help better understand customers and users. Personas represent the different user types within a targeted demographic, with common attitudes and behaviors, who might use a product or perform an action in a similar way. Typically personas have a real name, face, motivations, and goals - yet they are fictitious.

Personas have been created within the context of eTwinning. Each consists of a narrative relating to a desired teacher's daily behavior and patterns, using specific details, but not generalities. Personas were used in action by the eTwinning National Support Service (NSS): about 50 NSS personnel, in Brussels for their Working Group meeting, used personas as a tool to reflect better their own work. The feedback was overwhelmingly positive.

[eTwinning Personas on Slideshare](#)

TeLLNet is about to end: what is next?

The TeLLNet project will be finishing at the end of November 2012. Here below few updates about the latest activities carried out by TeLLNet.

- The Scenarios of teachers' profession in compulsory education in 2025 will be translated into all eTwinning languages and put on the [eTwinning website](#).
- European Schoolnet will carry out some exploitation and dissemination activities in the office as well as at the level of Ministries of Education. At the office the TeLLNet project will be the focus of a workshop held at the [Future Classroom Lab](#) on "**Teachers' profession and collaboration networks in 2025**" on 12 October. Further cooperation is foreseen with the [KeyCoNet](#) project and the European Schoolnet Working Group on Digital Competences.
- The final deliverable will be uploaded on the TeLLNet website.

[The results of the Online Consultation on Digital Competence](#)

The results of the *Online Consultation on Digital Competence* are now available through the website of the Institute for Prospective Technological Studies (IPTS)

This report describes experts' views on what it means to be digitally competent today. Although experts' views vary, the method applied in this study enables to derive an aggregated view on digital competence. The report identifies twelve areas of digital competence, some of

them relating to specific purposes (e.g. communication and collaboration), others to domains (e.g. privacy and security). The twelve areas are presented through a brief description and further illustrated by statements describing a rich pallet of knowledge, skills, and attitudes related to each area.

About TeLLNet

The TeLLNet project is to study the eTwinning network (currently over 170 000 teachers) through visualisation techniques, Social Network Analysis (SNA) and prospective scenario building exercises. Using these techniques, the goal is to identify the main structures, actors, networks and Communities of Practice that are effective in sharing practices, encouraging innovation and creativity at schools. The project is co-funded by the European Commission's Lifelong Learning Programme.

The project partners are:

[European Schoolnet](#), Knowledge Team, WP1, 5, 6, 7

[RWTH Aachen University](#), [Informatic 5](#) (Information Systems & Databases), WP2

[OUNL](#), [Celstec](#), [Learning Networks for professionals](#), WP3

[IPTS-JRC](#), [Institute of Prospective Technology Studies](#), WP4

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Disclaimer:

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Teachers' Lifelong Learning Network

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Tellnet Newsletter N°4 – March 2012

To understand better why some teachers get an "eTwinning virus" and are able to spread it around - and others not!

[New Insight Thematic Dossier on Teachers' Social networks!](#)

The new Insight dossier on *Teachers' social networks* addresses the crucial topic of teachers' professional development and how social networks can support it. The dossier is comprised of six articles:

- ["Online communities for teachers-Importance of social network for professional development"](#) introduces a small study focusing on the "sense of connectedness" within the eTwinning network.
 - ["A closer look at the future of teachers' profession in 2025"](#): on development of teachers' profession and the future of education.
 - ["Social Network Analysis and network visualisations: a case of eTwinning"](#): on information visualisation techniques and social network analysis
 - ["eTwinning Personas"](#): "Personas" as a tool to better understand the users of the network and their characteristics
 - ["Synergies between eTwinning and national schemes for Professional Development"](#): synergies between eTwinning and national schemes for continuous professional development in three countries.
 - ["How can social learning network support teachers' professional development? TeLLNet – Teachers' Lifelong Learning Network"](#): a full introduction to the Tellnet project.
-

For teachers

What does the future bring us? Five scenarios on teachers' collaboration networks in 2025

Five scenarios that take place in 2025 have been developed to better understand what the needs of collaboration networks are in the future for teachers' continuous professional development. Collaboration networks, like learning networks, are technology supported communities through which participants share knowledge with each other and jointly develop new knowledge. In this way, learning networks enrich the experience of formal learning (e.g. school, university). Examples of a learning network for professional development are communities like [eTwinning](#) where teachers can share and learn from one another. --> [Workshop with eTwinning teachers](#)

[Changing landscape for teaching - Tellnet scenario workshop in Finland](#)

The Tellnet project will be part of the Finnish seminar called [Opettajuus ja muuttuva oppimaisema](#) ("Changing landscape for teaching"). During the workshop, the participating educational professionals will first be introduced to [five Tellnet scenarios](#) after which a group discussion is planned.

For policy-makers

[Validation workshop with educational policy-makers at Eminent](#)

The WP4 policy-makers' validation workshop took place in conjunction with the Eminent conference in Genoa on November 17. EMINENT (Experts Meeting in Education Networking), is an annual event organised by European Schoolnet. It brings together partners from different Ministries of Education and other educational authorities, this year about 160 delegations.

About the Tellnet workshop: The Tellnet work is presented by Yves Punie and Romina Cahia from IPTS in the Policy Innovation Committee's meeting. It gives an outlook to the future elaborating around the question: "Teacher Collaboration Networks in 2025: What is the role of teachers' networks for professional development?".

[Mobility as a tool to acquire and develop competences](#)

The Polish Presidency of The Council of the European Union organised a conference on "Mobility as a tool to acquire and develop competences from childhood to seniority" in Sopot from 17-19 October 2011. Ideas from TellNet influenced the presentations and participation in two workshops: "[Use of the potential of and support for "virtual mobility"](#)" and "[Use of ICT and Mobility as a tool for improving the quality of teacher training](#)".

For academic audience

[Symposium at NLC: Learning Networks for Professional Development - Current Research Approaches and Future Trends](#)

The Tellnet project is in an interesting phase: the results from the first half of the project are now available and even peer-reviewed by experts in the field. They will be presented in early April 2012 in a symposium within the [Networked Learning Conference](#). Download the [introduction flyer here](#).

[Disseminating Tellnet results to academic audience in ICWL 2011](#)

The TellNet project is under the umbrella of the [Key Activity 4 'Dissemination and Exploitation of Results'](#) that:

aims at "effective exploitation of the results of the Lifelong Learning Programme (LLP)...to ensure that the results of the LLP are appropriately recognised, demonstrated and implemented on a wide scale."

Along these lines, the consortium has prepared a full peer-reviewed conference paper that was presented in the [International Conference of Web-based Learning 2011](#) at the end of 2011.

[Learning Analytics at Large](#)

At the Sixth European Conference on Technology Enhanced Learning with the theme "Towards Ubiquitous Learning" in Palermo (Italy), 20 - 23 September 2011, one of the TeLLNet project partners RWTH Aachen University from Germany has presented the paper about eTwinning network. The paper entitled with "Learning Analytics at Large: the Lifelong Learning Network of 160,000 European Teachers" (authors: Ergang Song, Zinayida Petrushyna, Yiwei Cao, and Ralf Klamma, Information Systems & Databases, RWTH Aachen University) presents the result of the development of the CAfe prototype to offer eTwinners a self-monitoring tool for their performance in project cooperation, teachers' wall writing, and the other activities on the eTwinning platform.

Related reading

The Future of Learning: New ways to learn new skills for future jobs

The aim of this foresight activity produced by IPTS is to contribute to this vision building process by providing a range of imaginative visions on the key components of creative and innovative learning in Europe in 2020.

“It is acknowledged by policymakers and researchers that a fundamental transformation of education and training throughout Europe is needed, not only to maintain existing levels of education and training in the population, but also to develop the new skills and competences required if Europe is to remain competitive and grasp new opportunities. To direct policy action appropriately, a methodologically sound approach is needed, outlining possible visions of a European knowledge society in 2020 and indicating emergent novel competences and ways of acquiring them.”

Within the study conducted by IPTS, TNO, the Open University of the Netherlands and AtticMedia for the European Commission on the future of learning developed several personas that tell the story of Europe's learners in 2025.

These videos sketch the context in which these personas will learn in 2025. Watch the videos:

[Future of Learning Introduction](#)

[Emma: personalised education](#)

Watch also the video on [Teachers' profession in 2025](#)

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Teachers' Lifelong Learning Network

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Tellnet Newsletter N°3 – September 2011

To understand better why some teachers get an "eTwinning virus" and are able to spread it around - and others not!

L'11 conference

The Teachers' Lifelong Learning Network-project will be part of the European Conference on Technology Enhanced Learning ([EC-TEL'11](#)) in September in Italy. The conference promises interesting papers and workshops and, of course, a good possibility to get a review of what is going on in the field of e-learning.

Apart from the partnership meeting which allows reflection on [the mid-term report](#), the Tellnet project is part of organising one of the workshops, namely [1st European Workshop on Awareness and Reflection in Learning Networks \(ARNets11\)](#). The workshop aims at building an interdisciplinary understanding of issues regarding awareness and reflection in networked learning.

The workshop attracts participants from social science, computer science, design, psychology, and learning sciences to challenge the understanding of the fields of awareness and reflection in Technology Enhanced Learning. As the workshop topics overlap significantly with those of EU FP7 and Lifelong Learning projects, e.g., ImREAL, MIRROR, STELLAR, TELLNET, MATURE and TELMap, the workshop will also act as forum for communication between these communities.

The Tellnet partners are additionally presenting various papers in the conference;

- the RWTH on the Tellnet visualisation tool (full paper)
- the IPTS will present a full paper on "Educational change through TEL: a challenge for obligatory schooling in Europe".
- Additionally, a [poster building context for teachers' professional development in eTwinning](#) will be presented by EUN.

Mid-term reporting, what has Tellnet achieved?

At the end of June, the Tellnet project reached one important milestone when it handed out the mid-term report. One part of the exercise was to prepare a Public report that explains to the general audience what Tellnet is about. The Public report can be downloaded and read [here](#). In the following link you can read the introduction and see the list of reports that are made available.

<http://tellnet.eun.org/web/tellnet/news/-/blogs/mid-term-reporting-what-has-tellnet-achieved?>

Disseminating Tellnet results to academic audience in ICWL 2011

As part of the internal Quality Assurance, it is important that the Tellnet project seeks validation from external experts for the suitability of its theoretical models, methodologies, result chaining, etc. Along

these lines, the consortium has prepared a full peer-reviewed conference paper that will be presented in the [International Conference of Web-based Learning \(ICWL\) 2011](#) later this year.

Abstract:

In this paper we first investigate how eTwinning and national and local teachers' professional development schemes interact. eTwinning is the community for schools in Europe that promotes teacher and school collaboration through the use of Information and Communication Technologies (ICT) under the European Union's Lifelong Learning Programme. The eTwinning Portal hosts more than 137.000 teachers who interact with each other on the European-scale. Second, using this authentic data, we discuss how novel research methods such as Social Network Analysis, information visualisation techniques and future scenario forecasting are used to study eTwinning in the Tellnet-project aiming to sustain and support dynamic teacher networks as a platform for formal and informal teachers' professional development in the future.

[A draft of this full paper](#) is available for consultation.

Tellnet part of an (un)keynote in PLE2011

[The Personal Learning Environments \(PLE\) Conference](#) is intended to produce a space for researchers and practitioners to exchange ideas, experience and research around the development and implementation of Personal Learning Environments – including the design of environments and the sociological and educational issues that they raise.

The Tellnet project was part of the [\(un\)keynote delivered by the Tellnet project manager Riina Vuorikari](#) who addressed the idea of teachers' informal collaboration networks as a PLE for teachers' professional development.

Teachers' informal collaboration networks, why do some teachers get the "virus"?

Riina's unkeynote will use [the fishbowl technique](#) to allow spontaneous interventions with the audience. It will include 3-4 short interventions in the area of Teachers' informal collaboration networks. The idea is that after - oh well, during - each intervention, people from the audience can take a seat to engage in the conversation on the same topic. Topics will include reflections from her recent work in the field, e.g. Getting to scale: more than 130.000 eTwinning teachers and still growing (www.tellnet.eun.org) and Informal dialogue with colleagues to boost personal and professional development, early results from the Netbook pilot (www.netbooks.eun.org).

See the presentation here: <http://www.slideshare.net/vuorikari/tellnet-ple-vuorikari>

Teacher Collaboration Networks in 2025. What is the role of teachers' networks for professional development in Europe?

In June 2011, the Tellnet project organised a workshop to sketch out prospective scenarios about the role of teachers' networks in 2025 for teachers' professional development.

About 30 experts from the field of e-learning, social network studies and future studies attended the workshop that was organised by [the Institute of Prospective Technology Studies in Sevilla](#), Spain.

- See the tweets from the participants <http://twitter.com/#!/search/collab2025>
- Here is a link to the [eTwinning Professional Development fact sheet](#).

See Riina Vuorikari's presentation "What is the role of teachers' networks for professional development in Europe?" in the following link:

<http://www.slideshare.net/europeanschoolnet/what-is-the-role-of-teachers-networks-for-professional-development-in-europe>

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- [IPTS-JRC, Institute of Prospective Technology Studies](#), WP4

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Teachers' Lifelong Learning Network

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TeLLNet Newsletter: N°2 – March 2011

To understand better why some teachers get an "eTwinning virus" and are able to spread it around - and others not!

How social learning networks can support teachers' competence building in 2020?

Imagining future can be a fun exercise, however, not a very exact science. Scenario building, however, can be seen as a strategic planning method to help make flexible long-term plans. It's a process of analysing possible future events by considering alternative possible outcomes (scenarios).

In the eTwinning conference 2010, we asked a group of participants, "How would you imagine eTwinning in 10 years time" and "How do you see your network evolving in 10 years time".

See here some of the ideas the eTwinners had in mind:

<http://tellnet.eun.org/web/tellnet/news/-/blogs/how-social-learning-networks-can-support-teachers-competence-building-in-2020?>

The Tellnet project, whose goal is to understand how social learning networks can support teachers' competence building, will create scenarios to explore the question "What could be the role of the eTwinning network for teachers professional development in Europe in 2020-2025?". The scenario building workshop will take place in Institute of Prospective Technology Studies, in June 5-6, 2011.

In this years eTwinning conference 2011 in Budapest, we will take the preparations for our scenario building a step further. We will work with eTwinning teachers to explore "eTwinning personas". We will also do a trends' analysis. Apart from that, Tellnet will have a booth at the exhibition where we will show the CAFe tool that helps eTwinners understanding how their interactions on the eTwinning portal can help them acquire and develop new competences.

German eTwinners first to test the Tellnet tool to reflect on their new skills and competences

As part of the Tellnet project, Aachen University has developed a web-based tool to support teachers **in understanding how their interactions on the eTwinning portal can help them acquire and develop new competences.**

More than 120.000 teachers in 31 European countries have created their profiles on the eTwinning portal, this includes almost 6000 German teachers. A workshop is organised with German eTwinning Ambassadors in Bonn, March 11 2011. This helps us better understand how teachers **use eTwinning and its tools to learn new skills and competences**, for example new teaching ideas and ways to use ICTs.

During the workshop, participants will learn to use the CAFe tool and will be able to observe your own eTwinning related interactions, e.g. project partnerships, the number of blog posts written. They can observe how these actions have changed over the course of time that they have participated in eTwinning.

The participants will be explained how social competences can be defined based on eTwinning data and how they can be measured. Moreover, it will be elaborated how performance of different teacher factors can influence eTwinning projects' performance. Most importantly, the workshop will allow the developers in RWTH Aachen, Information Systems & Databases get valuable feedback on their approach and tool.

How far does eTwinning "reach" in teachers' population?

The question of eTwinning reaching out to teachers in Europe is intriguing for Tellnet. In the new eTwinning Monitoring Report for 2010, a new indicator is introduced called "eTwinning reach".

"As opposed to using the number of teachers who signed up on the eTwinning Portal as a point of reference, new perspectives can be gained by using the entire teacher population in a given country for this purpose. **This makes it possible to see how eTwinning has been taken up in relation to the entire teacher population**, giving more indication about the spread and success of the eTwinning action within a given country. Therefore, we use **eTwinning reach to indicate the percentage of teachers who are knowledgeable about eTwinning in a given country**, a manifestation of which is that they have signed up on the Portal.

eTwinning reach= the registered users of a country / teacher population within this country eTwinning reach is rooted in the popular idea of Diffusion of Innovations (Rogers, 1962), "a theory of how, why, and at what rate new ideas and technology spread through cultures."

Download the whole report here:

http://www.etwinning.net/en/pub/news/publications/etwinning_public_reports.htm#i1922

"Ask a question" experiment running with eTwinners

The sense of "connectedness" is important for the members in a lifelong learning network, it can potentially increased mutual support and make them stay in the network by feeling a sense of belonging to the network.

The OUNL partner in Tellnet is currently running an experiment **to improve eTwinning sociability and interaction between eTwinning members** through the use of a "question and answer tool". More than 700 volunteered in the first step of the experiment to take a pre-measurement about their self-perceived feeling of connectedness in the eTwinning network. After 3-months of experiment, similar measure will be taken, as well as a data-analysis based on their network measures is run. Results are expected in late summer 2011.

"Ask a question" presentation at SlideShare:

http://www.slideshare.net/sibrenfetter/ask-your-question-general-overview?from=ss_embed

The second Tellnet partners' meeting took place in Aachen

The Tellnet partners spent two days together reviewing the work accomplished during the first year of the project, and dedicated a good amount of time to plan the Year 2 of the project.

As a summary, the following activities have taken place:

- Kick-off meeting in January 2010

- Definition of the data model + 2 x dumps (WP2 & 3)

- 3 x Flashmeetings and 1 informal get-together in EC-TEL

- The deliverables (D 2.1 and 3.1) are on their way and ready for the internal review in around February-March.

In terms of dissemination, the Tellnet project ran 2 workshops in eTwinning conference in Feb 2010 (Riina&Romina, and Sibren), was featured in the EUN's newsletter in Dec 2009 and its own Tellnet newsletter was sent out in June 2010.

The second year, with the code-name "*building up*", will contain the following:

- Upcoming mid-term report in June 2011

- 2 major workshops for Tellnet scenarios (WP4)
 - eTwinning conference 2011 in Budapest
 - Scenario workshop with 15 experts

For exploitations, an online dossier is planned for Spring 2011 called "Social networks and teachers' professional training". Additionally, a "Teachers' toolkit to social and learning networks" will be produced by the end of December.

Links

eTwinning report: Teachers' professional development. An overview of current practice

This report gives interesting insights on synergies between Twinning and Teachers professional development in Estonia, Poland and Spain.

http://desktop.etwinning.net/library/desktop/resources/5/55/955/43955/etwinning_report_2010_en.pdf

10 ways data is changing how we live - Telegraph

The availability of new sets of data has changed the way we live our lives: here are 10 examples of data which have changed everything from how we assess wars to how companies deliver milk.

<http://www.telegraph.co.uk/technology/7963311/10-ways-data-is-changing-how-we-live.html>

"The future of Education" conference, 16 - 17 June 2011, Florence, Italy

"The future of Education" conference has the aim to promote transnational cooperation and share good practice and in the field of innovation for Education.

http://www.pixel-online.net/edu_future/

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- OUNL, Celstec, Learning Networks for professionals, WP3, <http://celstec.org/node/65>
- IPTS-JRC, Institute of Prospective Technology Studies, WP4, <http://is.jrc.ec.europa.eu/>

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Teachers' Lifelong Learning Network

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TeLLNet Newsletter: N°1 – June 2010

To understand better why some teachers get an "eTwinning virus" and are able to spread it around - and others not!

TeLLNet workshops in the eTwinning conference 2010

The TeLLNet project participated the eTwinning Conference 2010 in Seville in February, where more than 500 eTwinners from more than 30 eTwinning countries gathered for the annual celebration. The programme had parallel workshops planned and there was a lot to choose from - all together some 40 workshops were organised in different areas of interest.

In the framework of the conference, the TellNet project organised two workshops: the first one was called "Social learning networks supporting teachers' digital competences" and the second one "Tools to support eTwinning interactions". The latter workshop was focused on gathering requirements for a tool that we'll build to support eTwinners. In the workshop, an initial design of peer-support service was shown using screenshots. The eTwinners were encouraged to discuss in groups the pros and cons of the design. Based on these discussions and offered solutions, we were able to significantly improve our design as well as got our belief strengthened that our service is needed.

Read more: <http://www.tellnet.eun.org/web/tellnet/news/-/blogs/tellnet-workshops-in-the-etwinning-conference-2010>

See here the workshop presentations:

“[Social learning networks](#)” and “[Tools to support eTwinning interactions](#)”

More information about the [eTwinning Conference 2010](#)

First data dump generated in TeLLNet

Within the first 6 months of work in TeLLNet, the project partners have been busy designing the first version of the data model. The data model will be used to extract information from eTwinning in order to run the Social Network Analysis (SNA) and later create the visualisation of the current status of the network.

Read more: <http://www.tellnet.eun.org/web/tellnet/news/-/blogs/first-data-dump-generated-in-tellnet>

Future of Learning – New Ways to Learn, New Skills for Future Jobs

What will be the school like in 2025? How the role of teachers and learners is changing? How to ensure

inclusive education for all? The FORLIC project is investigating these and other questions related to the future of learning.

The project aims to advance the state-of-the-art by developing a range of new and imaginative visions on the key components of creative and innovative learning in 2020. As a foresight project it focuses on emergent skills and competences, related changes in roles of teachers and learners in the learning process, implications for the education and training system, the role of ICT as an enabler of change, certification and accreditation, and policy implications.

The www.futureoflearning.eu website offers access to online surveys and discussions where everybody can contribute to the study.

Joint Technology Enhanced Learning Summer School 2010

The sixth Joint Technology Enhanced Learning Summer School 2010 was successfully held on 6-11 June in Ohrid, Macedonia. The JTEL Summer School has been an annual summer academic event to bring PhD students and young researchers all over the Europe together. It offers young researchers a forum to exchange their knowledge and to get feedback about their research. Several researchers of the TeLLNet project from EUN and RWTH Aachen University, Germany participated in the Summer school this year. A set of topics devoted to mediated communication and collaborative learning, community building in learning, personalization and recommendation, orchestration of learning resources and many others have revealed some real cases about how to build and maintain learning communities and evaluate their successes and failures. You can find more information online at www.jtelsummerschool.eu

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See here some of the ideas the eTwinners had in mind:

<http://tellnet.eun.org/web/tellnet/news/-/blogs/how-social-learning-networks-can-support-teachers-competence-building-in-2020?>

The Tellnet project, whose goal is to understand how social learning networks can support teachers' competence building, will create scenarios to explore the question "What could be the role of the eTwinning network for teachers professional development in Europe in 2020-2025?". The scenario building workshop will take place in Institute of Prospective Technology Studies, in June 5-6, 2011.

In this years eTwinning conference 2011 in Budapest, we will take the preparations for our scenario building a step further. We will work with eTwinning teachers to explore "eTwinning personas". We will also do a trends' analysis. Apart from that, Tellnet will have a booth at the exhibition where we will show the CAFe tool that helps eTwinners understanding how their interactions on the eTwinning portal can help them acquire and develop new competences.

German eTwinners first to test the Tellnet tool to reflect on their new skills and competences

As part of the Tellnet project, Aachen University has developed a web-based tool to support teachers **in understanding how their interactions on the eTwinning portal can help them acquire and develop new competences.**

More than 120.000 teachers in 31 European countries have created their profiles on the eTwinning portal, this includes almost 6000 German teachers. A workshop is organised with German eTwinning Ambassadors in Bonn, March 11 2011. This helps us better understand how teachers **use eTwinning and its tools to learn new skills and competences**, for example new teaching ideas and ways to use ICTs.

During the workshop, participants will learn to use the CAFe tool and will be able to observe your own eTwinning related interactions, e.g. project partnerships, the number of blog posts written. They can observe how these actions have changed over the course of time that they have participated in eTwinning.

The participants will be explained how social competences can be defined based on eTwinning data and how they can be measured. Moreover, it will be elaborated how performance of different teacher factors can influence eTwinning projects' performance. Most importantly, the workshop will allow the developers in RWTH Aachen, Information Systems & Databases get valuable feedback on their approach and tool.

How far does eTwinning "reach" in teachers' population?

The question of eTwinning reaching out to teachers in Europe is intriguing for Tellnet. In the new eTwinning Monitoring Report for 2010, a new indicator is introduced called "eTwinning reach".

"As opposed to using the number of teachers who signed up on the eTwinning Portal as a point of reference, new perspectives can be gained by using the entire teacher population in a given country for this purpose. **This makes it possible to see how eTwinning has been taken up in relation to the entire teacher population**, giving more indication about the spread and

success of the eTwinning action within a given country. Therefore, we use **eTwinning reach to indicate the percentage of teachers who are knowledgeable about eTwinning in a given country**, a manifestation of which is that they have signed up on the Portal.

eTwinning reach= the registered users of a country / teacher population within this country eTwinning reach is rooted in the popular idea of Diffusion of Innovations (Rogers, 1962), “a theory of how, why, and at what rate new ideas and technology spread through cultures.””

Download the whole report here:

http://www.etwinning.net/en/pub/news/publications/etwinning_public_reports.htm#i1922

"Ask a question" experiment running with eTwinners

The sense of "connectedness" is important for the members in a lifelong learning network, it can potentially increased mutual support and make them stay in the network by feeling a sense of belonging to the network.

The OUNL partner in Tellnet is currently running an experiment **to improve eTwinning sociability and interaction between eTwinning members** through the use of a "question and answer tool". More than 700 volunteered in the first step of the experiment to take a pre-measurement about their self-perceived feeling of connectedness in the eTwinning network. After 3-months of experiment, similar measure will be taken, as well as a data-analysis based on their network measures is run. Results are expected in late summer 2011.

“Ask a question” presentation at SlideShare:

http://www.slideshare.net/sibrenfetter/ask-your-question-general-overview?from=ss_embed

The second Tellnet partners' meeting took place in Aachen

The Tellnet partners spent two days together reviewing the work accomplished during the first year of the project, and dedicated a good amount of time to plan the Year 2 of the project.

As a summary, the following activities have taken place:

- Kick-off meeting in January 2010

- Definition of the data model + 2 x dumps (WP2 & 3)

- 3 x Flashmeetings and 1 informal get-together in EC-TEL

- The deliverables (D 2.1 and 3.1) are on their way and ready for the internal review in around February- March.

In terms of dissemination, the Tellnet project ran 2 workshops in eTwinning conference in Feb 2010 (Riina&Romina, and Sibren), was featured in the EUN's newsletter in Dec 2009 and its own Tellnet newsletter was sent out in June 2010.

The second year, with the code-name "*building up*", will contain the following:

- Upcoming mid-term report in June 2011

- 2 major workshops for Tellnet scenarios (WP4)

 - eTwinning conference 2011 in Budapest

 - Scenario workshop with 15 experts

For exploitations, an online dossier is planned for Spring 2011 called "Social networks and teachers' professional training". Additionally, a "Teachers' toolkit to social and learning networks" will be produced by the end of December.

Links

eTwinning report: Teachers' professional development. An overview of current practice

This report gives interesting insights on synergies between Twinning and Teachers professional development in Estonia, Poland and Spain.

http://desktop.etwinning.net/library/desktop/resources/5/55/955/43955/etwinning_report_2010_en.pdf

10 ways data is changing how we live - Telegraph

The availability of new sets of data has changed the way we live our lives: here are 10 examples of data which have changed everything from how we assess wars to how companies deliver milk.

<http://www.telegraph.co.uk/technology/7963311/10-ways-data-is-changing-how-we-live.html>

“The future of Education” conference, 16 - 17 June 2011, Florence, Italy

“The future of Education” conference has the aim to promote transnational cooperation and share good practice and in the field of innovation for Education.

http://www.pixel-online.net/edu_future/

About Tellnet

The Tellnet project is to study the eTwinning network (currently over 86 000 teachers) through visualisation techniques, Social Network Analysis (SNA) and prospective scenario building exercises. Using these techniques, the goal is to identify the main structures, actors, networks and Communities of Practice that are effective in sharing practices, encouraging innovation and creativity at schools.

The project partners are:

- European Schoolnet, Knowledge Team, WP1, 5, 6, 7, www.europeanschoolnet.org
- RWTH Aachen University, Informatic 5 (Information Systems & Databases), WP2, <http://dbis.rwth-aachen.de/cms>
- OUNL, Celstec, Learning Networks for professionals, WP3, <http://celstec.org/node/65>
- IPTS-JRC, Institute of Prospective Technology Studies, WP4, <http://is.jrc.ec.europa.eu/>

www.tellnet.eun.org

If you wish to unsubscribe, please send us a message at <http://tellnet.eun.org/web/tellnet/about>

Teachers' Lifelong Learning Network

www.tellnet.eun.org

TeLLNet Newsletter: N°1 – June 2010

To understand better why some teachers get an "eTwinning virus" and are able to spread it around - and others not!

TeLLNet workshops in the eTwinning conference 2010

The TeLLNet project participated the eTwinning Conference 2010 in Seville in February, where more than 500 eTwinners from more than 30 eTwinning countries gathered for the annual celebration. The programme had parallel workshops planned and there was a lot to choose from - all together some 40 workshops were organised in different areas of interest.

In the framework of the conference, the TellNet project organised two workshops: the first one was called "Social learning networks supporting teachers' digital competences" and the second one "Tools to support eTwinning interactions". The latter workshop was focused on gathering

requirements for a tool that we'll build to support eTwinners. In the workshop, an initial design of peer-support service was shown using screenshots. The eTwinners were encouraged to discuss in groups the pros and cons of the design. Based on these discussions and offered solutions, we were able to significantly improve our design as well as got our belief strengthened that our service is needed.

Read more: <http://www.tellnet.eun.org/web/tellnet/news/-/blogs/tellnet-workshops-in-the-etwinning-conference-2010>

See here the workshop presentations:

“[Social learning networks](#)” and “[Tools to support eTwinning interactions](#)”

More information about the [eTwinning Conference 2010](#)

First data dump generated in TeLLNet

Within the first 6 months of work in TeLLNet, the project partners have been busy designing the first version of the data model. The data model will be used to extract information from eTwinning in order to run the Social Network Analysis (SNA) and later create the visualisation of the current status of the network.

Read more: <http://www.tellnet.eun.org/web/tellnet/news/-/blogs/first-data-dump-generated-in-tellnet>

Future of Learning – New Ways to Learn, New Skills for Future Jobs

What will be the school like in 2025? How the role of teachers and learners is changing? How to ensure inclusive education for all? The FORLIC project is investigating these and other questions related to the future of learning.

The project aims to advance the state-of-the-art by developing a range of new and imaginative visions on the key components of creative and innovative learning in 2020. As a foresight project it focuses on emergent skills and competences, related changes in roles of teachers and learners in the learning process, implications for the education and training system, the role of ICT as an enabler of change, certification and accreditation, and

policy implications.

The www.futureoflearning.eu website offers access to online surveys and discussions where everybody can contribute to the study.

Joint Technology Enhanced Learning Summer School 2010

The sixth Joint Technology Enhanced Learning Summer School 2010 was successfully held on 6-11 June in Ohrid, Macedonia. The JTEL Summer School has been an annual summer academic event to bring PhD students and young researchers all over the Europe together. It offers young researchers a forum to exchange their knowledge and to get feedback about their research. Several researchers of the TeLLNet project from EUN and RWTH Aachen University, Germany participated in the Summer school this year. A set of topics devoted to mediated communication and collaborative learning, community building in learning, personalization and recommendation, orchestration of learning resources and many others have revealed some real cases about how to build and maintain learning communities and evaluate their successes and failures. You can find more information online at www.jtelsummerschool.eu

About TeLLNet

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The project partners are:

- [European Schoolnet](#), Knowledge Team, WP1, 5, 6, 7

- RWTH Aachen University, [Informatic 5](#) (Information Systems & Databases), WP2
- OUNL, [Celstec](#), Learning Networks for professionals, WP3
- [IPTS-JRC, Institute of Prospective Technology Studies](#), WP4

www.tellnet.eun.org