



DELIVERABLE SUBMISSION SHEET

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The deliverable is:

- ☐ a document
- ☐ a Website (URL:)
- ☐ software (.....)
- ☒ an event
- ☐ other (.....)

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ITEC - WP 11

D11.2.1 - FIRST ITEC WORKSHOP FOR STAKEHOLDERS AT AN INTERNATIONAL CONFERENCE

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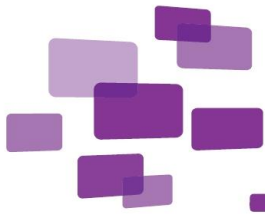
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INN - Internal only, only the members of the consortium (excluding the EC services)

Executive summary

This deliverable describes the first iTEC workshop for stakeholders at an international conference (D11.2.1). The international conference, EMINENT, was held on 16-17 November 2011 in Genoa, Italy. The iTEC workshop took place on the second day of the conference and gathered approximately 60 attendees out of the 150 EMINENT participants.



iTEC

Designing the future
classroom

D11.2.1 - FIRST WORKSHOP FOR STAKEHOLDERS AT AN INTERNATIONAL CONFERENCE

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Coordinated by European Schoolnet

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D11.2.1 - FIRST WORKSHOP FOR STAKEHOLDERS AT AN INTERNATIONAL CONFERENCE

iTEC's first dissemination workshop was organized as part of the EMINENT 2011 Conference.

EMINENT Conference 2011

EMINENT (Experts Meeting in Education Networking - <http://blogs.eun.org/eminent/>) is European Schoolnet's annual event that brings together policy makers, researchers, teachers and industry people. The conference venue and country change every year. The EMINENT 2011 took place in Genoa on 16 and 17 November 2011 and was held within the ABCD Education Fair hosted by the Fiera di Genova - Genoa Fair & Exhibition Centre. In 2011, EMINENT brought together 150 education sector professionals (see Annex 2 for the list of participants).

EMINENT conference session on 17 November 2011



The **ABCD Education Fair** (<http://eng.abcd-online.it/>) is Italy's leading event devoted to schools and education. The fair offers a 360° view of the education sector, featuring exhibition areas, workshops, and conferences. In 2011 ABCD featured over 130 exhibitors and 42,000 visitors made up of students, teachers, parents, ministers and other active players in the education field.

Objectives

As indicated in the DoW, iTEC will organise a total of three workshops which are deliverables under the WP11 task 11.2 “Promotion of iTEC to relevant stakeholders”. The workshop organised in Genoa was the first of the three to be organised. The main objective of all these workshops is to raise awareness of the project and support the general project dissemination activities by presenting iTEC scenarios and project results to relevant stakeholders in both the public and private sectors.

The timing of the workshops has been planned so that they can be organised in the framework of the EMINENT conference, which European Schoolnet organises annually in November/December. Organising the iTEC workshop at EMINENT provides the project with several advantages:

- EMINENT brings together a diversity of K-12 education sector professionals: teachers, research organisations, policy makers from both national and European level and educational technology vendors.
- EMINENT is usually organised in parallel with a major national teacher event and supported by a national ministry of education providing the EMINENT programme with prestige.
- Several iTEC project partners and Associate Partners attend the EMINENT and travel costs can be minimised.

The first workshop aimed specifically to provide an introduction to the iTEC project and to highlight the developments and results obtained to date. As the results of the evaluation of the first cycle were not available by the time of the workshop, it was decided to also use this event to highlight some of the discussions that had been going on in the project particularly relating to: what constitutes innovation involving ICT in schools; and how innovative practices can be mainstreamed and taken to scale. The presentations, therefore, aimed to provide an introduction to some of the key issues that will be explored in more detail later on in the project during mainstreaming events that will include a peer learning workshop in month 24 and evaluation conference in month 42.

Programme

The iTEC workshop programme was as follows within the EMINENT conference programme (see the full EMINENT programme in the Annex 1):

17 November 2011, 11:30 – 13:00h

Session 2: The iTEC project and the classroom of the future
SALA RIVIERA AT FIERACONGRESSI

Animator: Jim Ayre, Senior Adviser, European Schoolnet

1. Will Ellis, iTEC Project Manager, iTEC update – the first project scenarios now being validated in classes across Europe
2. Patricia Wastiau, Senior Adviser – Research and Studies, European Schoolnet, What we know from research about innovating in education?
3. Responses from a panel that included: a former Minister of Education, a former Deputy Director of a national ICT agency and a Head Teacher.
 - a. Bálint Magyar, member of the Governing Board, European Institute of Technology
 - b. Øysten Johannessen, Chief Strategy Officer Cerpus AS
 - c. Richard Galvin, Director of the European school Brussels II
4. Lieve Van den Brande, Senior Policy Officer, European Commission, DG Education and Culture – Creative Classrooms in an innovative Europe - A new European initiative.

iTEC workshop at EMINENT on 17 November 2011



Presentations

Will Ellis: iTEC update

Presentation: [iTEC update](#)

Will Ellis provided an update of developments within the iTEC project and described the process whereby the iTEC future classroom scenarios are being transformed into specific teaching and learning stories and activities.

During the presentation, a video was shown of a learning scenario that was created during the first iTEC project cycle. The video is available on the Internet: <http://www.youtube.com/watch?v=jLeIqa8h4eo>

Patricia Wastiau: What we know from research about innovating in education?

Presentation: [What we know from research about innovation process](#)

Patricia Wastiau highlighted that there are a number of approaches to defining what represents innovation in educational practice. She particularly emphasised that innovation must become a natural process in the daily life of a school encompassing the following 4 elements: Energy, Trust, Empowerment and Skills.

However, research studies have shown that innovation in education has three major gaps: Policy gap; Identification gap; and an Evidence gap.

The presenter provided food for thought by challenging the audience: to think more about whether scaling up innovation is really possible; and to recognise that innovation will only be happen in schools if “room for adaptation” is built into the prevailing culture of the organisation.

Patricia Wastiau giving her presentation in the iTEC workshop



Bálint Magyar: The “uncertainty principle” of ICT development

Presentation: [The ‘uncertainty principle’ of ICT development](#)

Bálint Magyar highlighted some false assumptions commonly made concerning how to spread best practices and identified three key conditions that must be met at national level in order for innovative practice to be taken to scale.

1. Institutional and regulatory conditions must be put in place; for example, there must be a much greater emphasis on accreditation and use of digital content;
2. Financial support and ICT related expenditure should be put on a par with funding of public utilities (like water or electricity) and there should be a standard level of funding for upgrading technology, for teacher CPD, and in provide finance for system administrators;
3. Pedagogical condition to be met must include a comprehensive programme of teacher education and support for different levels of ICT use in schools.

Balint Magyar giving his speech in the iTEC workshop



Øysten Johannessen: Innovation lessons

Presentation: [Innovation lessons](#)

Øysten Johannessen focused on the 2011 Horizon Report K-12, “Inspired by technology, Driven by pedagogy” and the six lessons learned in this publication. He also referenced the model developed by the Norwegian NDLA project <http://ndla.no/> where the sustainability of this initiative was improved as a result of it: being a virtual organisation with no main office; relying on open content and an open infrastructure; buying, developing and distributing digital learning materials; and replacing and supplementing traditional learning resources.

Øysten Johannessen concluded by outlining a number of ways to address the policy gap, scenario deployment and the challenge of budgetary issues.

Richard Galvin: How to mainstream

Presentation: [How to mainstream](#)

Richard Galvin proposed some practical ways for how to mainstream iTEC scenarios in all classrooms and how to engage with pupils who are digital natives.

The key message delivered by Richard Galvin was that “Putting the focus on the teacher having the knowledge, skills, creativity and confidence to select and blend from a range of classroom teaching and learning technologies, appropriate for the learning event being created, is essential”.

Richard Galvin giving his speech in the iTEC workshop



Lieve Van den Brande: Creative Classrooms in an innovative Europe – A new European initiative

Presentation: [Creative Classrooms for an Innovative Europe](#)

Lieve Van den Brande highlighted that teachers still lack pedagogical strategies and experience in order to properly exploit ICT and that there is still no systemic integration and mainstreaming of ICT in formal education and virtually no links between formal and informal education.

She went on to outline the EU policy context linked to Europe 2020 & ET2020 and the two key objectives of: e-Literacy for all – digital competence; and ICT enhancing innovation of Education & Training.

Her presentation concluded with information on a new Commission 'Creative Classrooms' initiative in 2012 that will be focussed on improving the systemic impact of ICT use in education.

Summary of speakers and presentations

	Speaker	Presentation
Speaker 1	Will Ellis , iTEC Project Manager, European Schoolnet	iTEC update
Speaker 2	Patricia Wastiau , Senior Adviser – Research and Studies, European Schoolnet	What we know from research about innovation process
Expert panellist 1	Bálint Magyar , member of the Governing Board, European Institute of Technology; Former Minister of Education, Hungary. Member of the iTEC High Level Group.	The 'uncertainty principle' of ICT development
Expert panellist 2	Øysten Johannessen , Chief Strategy Officer Cerpus AS. Member of the iTEC High Level Group.	Innovation lessons
Expert panellist 3	Richard Galvin , Director of the European school Brussels II	How to mainstream
Speaker 3	Lieve Van den Brande , Senior Policy Officer, European Commission, DG Education and Culture	Creative Classrooms for an Innovative Europe

Speaker bios

Will Ellis

Will Ellis is currently working with European Schoolnet leading the European Commission funded iTEC Project, a four year project that examines the potential classroom of the future. With 27 project partners, including 14 Ministries of Education, iTEC will provide a model for the effective deployment and use of technology in the classroom that can become embedded in all Europe's schools

Will previously held the post of Senior Manager within Becta, the UK Government Agency responsible for educational technology strategy. Will oversaw national strategy for learning tools and resources including the Learning Platform Services procurement framework, delivered to support schools purchase VLEs. Will also held responsibility for the annual BETT Awards which celebrate innovation and quality in learning technologies and led a programme of work on content technical standards including the development of interoperability specifications for interactive whiteboard content, VLEs and resource discovery.

Will started as a science teacher and progressed to the post of Project Manager in the high profile UK Education Ministry ICT Test Bed Project. The project explored and tested new and developing strategies in the use of ICT in education and arguably spearheaded further UK government funded work within England to improve schools use of technology.

Patricia Wastiau

Specialist in public policy analysis in education, comparative education and knowledge-based policy-making, Patricia Wastiau is currently working as Principal Adviser for Studies and Development at European Schoolnet. Since she has joined EUN, the main studies she has coordinated (also acting as author in many cases) are related to the use of digital games in the classroom for teaching and learning purposes.

Previously she worked for 10 years at Eurydice (the information network on education in Europe), becoming end of 2001 Director of the Eurydice European unit and coordinator of the whole network of national units based in the ministries in charge of education, specialising in comparative analysis of education systems and policies.

Patricia Wastiau has also extensive experience of leading and/or participating to European Union research projects and programmes (Socrates, LLP, FP6 and 7 programmes). She also participated to several committees and expert meetings implemented by OECD, UNESCO, Council of Europe, Cedefop, etc. in the field of education.

Balint Magyar

Member, Governing Board, European Institute of Innovation and Technology
Former Minister of Education (1996-1998; 2002-2006)

Dr. Magyar obtained his MA in History and Sociology at the Eötvös Loránd University, Budapest. Having started his career as a researcher (1977-1990), he was a member of the Democratic Opposition as well.

He has become a member of the Hungarian Parliament in 1990 and served on several parliamentary committees until 2010. Appointed Minister of Education and Culture (1996-1998, re-appointed Minister of Education and Science, 2002-2006), he initiated and carried out public and higher education reform process. Made a move towards competency based education, initiated a schoolnet program for spreading digital literacy, directed the introduction of the Bologna process, modernised the management and business structure of higher education institutions, and carried out a huge PPP program renewing the infrastructure of HEIs. He developed and passed the Act on Innovation, set up an Innovation Fund and founded the National Office for Research and Technology. He was Vice President of the National Development Council under the direction of the Prime Minister (2006-2008) and Secretary of State for Development Policy (2007-2008).

Dr. Magyar is currently a member of the Governing Board of the European Institute of Innovation and Technology (EIT) and a Strategic Consultant of the Financial Research Plc. at Budapest.

Oystein Johannessen

Oystein Johannessen is the current Chief Strategy Officer, Cerpus, former Deputy Director General of the Norwegian Ministry of Education and Research, and has been working for the Ministry for over 10 years. In 2009, Mr Johannessen was seconded to the OECD Centre for Educational Research and Innovation (CERI). In this capacity, Johannessen has been involved in many strategic initiatives, plans and programmes in education.

His career started about 20 years ago, working in higher education with tasks related to teacher training and professional development for public service and education. Oystein was instrumental in the establishment of the Norwegian School of Film and Television in 1997.

Oystein Johannessen has extensive international experience. He was a member of the European Commission's Learning Programme Committee, has served on the Steering Committee of the European Schoolnet (EUN), and in 2002, he chaired the IT-Policy Group for Education and Research in the Nordic Council of Ministers. He has been an active force of the OECD New Millennium Learner Project (NML) since it started in 2007.

Oystein Johannessen holds a Master of Arts in Contemporary German Literature with Minors in English and Economics. He is a frequent keynote speaker invited both at the national and international level.

Richard Galvin

Richard Galvin (B.A., MA., M.Ed., L.L.B) is currently Director of the European School, Brussels II which has a student population of 3000 student with a teaching staff of 325 teachers. He is of Irish Nationality and is a former teacher of Geography, History and ICT in both the Irish and European Schools education systems. Richard is a specialist in evaluating hardware and software applications of ICT in teaching and learning. He has acted as an advisor in this area to various government agencies, companies and schools. He has spoken at various international 'ICT in Education' conferences and he is a steering committee member of the EC sixth framework 'iClass' Project. He was the founder of the European Schools Distance Learning Centre at Mol and was formerly a part-time lecturer in Education at University College Cork, Ireland.

Lieve Van den Brande

Lieve Van den Brande is a Principal Administrator at the DG Education and Culture of the European Commission. She is responsible for "ICT for learning" both in terms of policies as parts of the Lifelong learning programme. She holds a Ph.D. in educational sciences from the University of Liège (Belgium) and has several degrees in education, psychology and teacher training. She has been working for more than 20 years at the EC: DG Information Society around 'Telematics for Education and Training'; DG Research around social sciences research and now since 4 years at DG EAC on e-Learning and digital competences.

Industry roundtable at EMINENT

Within EMINENT, European Schoolnet also organised an industry roundtable on the evening of 16 November to introduce a number of major EUN projects to ICT industry partners.

The session included about 30 representatives from existing iTEC partners (SMART and Promethean), Associate Partners (Acer, Microsoft) and other companies such as Adobe, Apple, Cisco, Dymo-Mimio, eInstruction, Fourier, Intel, Nokia, Panasonic, Philips, Texas Instruments and Volvo.

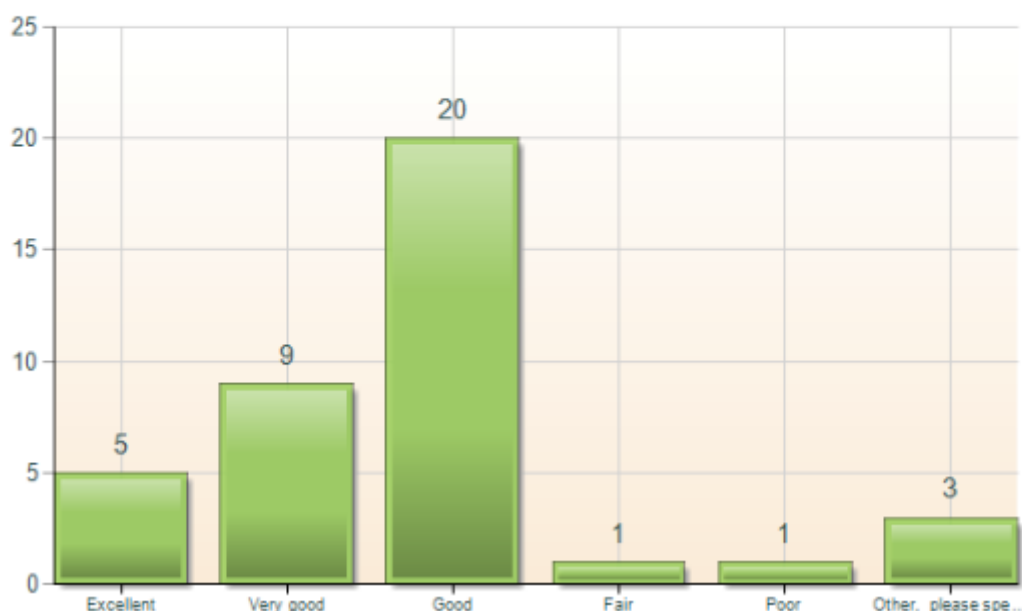
In the session, Will Ellis and Jim Ayre introduced iTEC and the possibilities for companies to participate in the project as Associate Partners. Following this event at EMINENT, discussions have started with both Texas Instruments and Fourier as to how they can contribute to iTEC.

Workshop results

Participant feedback

Based on the feedback collected after the EMINENT conference from all the participants, the iTEC workshop received a positive rating as shown in the following graphic.

Session 2: The iTEC project and the classroom of the future, with presentations from: Will Ellis, iTEC Project Manager, iTEC Patricia Wastiau, Senior Adviser – Research and Studies, European Schoolnet, Lieve Van den Brande, Senior Policy Officer, European Commission, DG Education and Culture



Source: EMINENT feedback collected online after the conference. Zoomerang.

Meeting the objectives

The main objective in this first dissemination workshop was to provide information about the rationale of the project, its scope and its relevance in a wider education landscape to the members of the European Schoolnet network and its industry partners. The workshop achieved this objective and over 60 EMINENT delegates opted to attend this session which highlights the level of interest in the project.

The workshop particularly allowed Ministries of Education not directly involved in the project to gain a better understanding of the scenario development process and appreciate the extent to which mainstreaming successful scenarios and innovative learning activities would increasingly become a core activity in the second half of the project.

Following the presentations and panel discussion at the workshop, Ministries in the EUN Steering Committee members and members of the EUN Policy and Innovation Committee were directly involved in the scenario selection process, as a follow up activity to assure the acceptance of these outputs.

For the organisation of the next workshop in 2012, the intention is to focus on the results of the iTEC school pilots and evaluation evidence. Along with an event at EMINENT in Year 2, the project will also organise a peer-learning workshop on how to initiate and carry out reform processes in the field of ICT in schools, building on work from the iTEC High-Level Group.

Lessons Learned

Arranging iTEC workshops at EMINENT conferences has the key advantage that the project can easily connect both with senior policy makers from Ministries of Education and major ICT vendors that attend the conference. Organizing project-specific workshops, however, can sometimes be constrained by the timetable and logistics of a larger conference, either at EMINENT or elsewhere. In 2011, for example, there were limited possibilities at the conference venue in Genoa to have breakout rooms in which to have smaller group discussions. It would also have been useful to be able to extend the workshop by another half hour.

This was not a major handicap, as the aim in this first iTEC event was mainly to provide information on the project which suited the chosen format of presentations and a panel discussion. For the 2012 event though it may be useful to have a different format that allows delegates to be able to engage more easily in a discussion with project partners about the findings of the schools pilots and the iTEC evaluation. Other elements to be considered for future events could involve:

- Including teacher testimonials
- Demonstrating iTEC learning activities
- Increasing the number of pre-event activities (e.g. “online warm-up”)
- Interaction with participants through interactive tools such as instant voting, messaging, tweeting, etc., particularly where event logistics make it difficult to have smaller discussion groups
- Organising follow-on discussions with the participants after the event.

Workshop dissemination

The workshop was publicised prior to EMINENT on the iTEC, European Schoolnet and the EMINENT websites. In addition, announcements were posted on EUN social media (Twitter and Facebook). The workshop summary was published on the EMINENT website (blog) as all other conference summaries.

Dissemination through other events

In parallel with the workshop preparation, the iTEC project was promoted via other events. It was presented at the following European events:

Mötesplat Skola Conference, Gothenburg, 1 November 2011

Will Ellis was invited by one of the main organisers, Gothenburg Region that is also an iTEC Associate Partner, to present the iTEC project in a session called “European perspective on school digitalisation“. The session was led by Jan Hylen, the iTEC High Level Group’s General Secretary. The session was aimed at school heads, politicians, development directors, teachers, and schools’ ICT managers. The Mötesplats Skola Conference (<http://www.motesplatsskola.se/>) had over 6.000 visitors. Programme 2011:

<http://www.svenskamassan.se/PageFiles/13004/Seminarieprogramwebbversion.pdf>

Media & Learning conference, Brussels, 24 November

The second annual Media & Learning Conference (<http://www.media-and-learning.eu/>) attracted about 300 people from 39 countries. Media & Learning is organised in collaboration with the Flemish Ministry of Education and Training and the European Commission DG Education and Culture. The iTEC presentation by Will Ellis took place in a session called “Putting in place classrooms for the future that stimulate creativity and participation“. The presentation was attended by about 60 people. At the same conference, EUN had a stand where iTEC was presented via banners, brochures and videos.

Media & Learning Conference – EUN stand



Online Educa, Berlin, 1 December 2011

Online Educa (<http://www.online-educa.com>) is the largest annual conference on technology supported learning & training at an international level. The theme of this 17th edition was "New Learning Cultures". The conference in 1-2 December included more than 100 sessions (workshops, demos, labs work, etc.) and attracted more than 2,000 participants from approximately 100 countries.

European Schoolnet was invited to participate in a session called "Empowering Educators for Creative Learning: A European View" organized by the DG Education and Culture and EACEA and chaired by Brian Holmes. EUN decided to present iTEC due to the wide visibility it would obtain in the event.

The workshop focused on one of the main barriers in Europe for effective implementation of ICT use for learning: education and professional development of the educators.



As one of the speakers, Will Ellis presented possible scenarios for future classrooms and introduced some of the key challenges in this context: visions versus pragmatism; innovation versus mainstreaming, conservatism versus popular educational philosophy and secure versus open learning systems. Presentation online: http://eacea.ec.europa.eu/llp/events/2011/documents/educa_online/educa_itecv1-1.pdf

The workshop, attended by approximately 100 participants, concluded on the need to involve a wide range of actors including school leaders, public authorities, and practitioners at large to provide educators with the necessary support to effectively implement ICT in education.

The workshop presentations are available at the EACEA website: http://eacea.ec.europa.eu/llp/events/2011/online_educa_conference_berlin_2011_en.php

Annex

Annex 1: EMINENT 2011: full conference programme



Day 1 - EMINENT/eTwinning conference | Wednesday 16 November










The joint opening day of the Eminent 2011 – eTwinning conference will be a unique occasion for representatives of European Ministries of Education and Regional Authorities to explore and discuss together certain areas of educational practice in relation to eTwinning.

The conference will provide an opportunity to discuss the policy implications of some of the lessons learned from eTwinning through the monitoring activities of the Central Support Service (CSS) and the experience of participating organisations. The target audience is composed of representatives of Ministries of Education (MoE) and of educational leaders from Regional Authorities. Also participating are officials from the European Commission, persons responsible for the implementation of the eTwinning programme at national level, the eTwinning National Support Services (NSS) as well as personnel from the Central Support Service (CSS), who will facilitate the exchange and debate on the experience gained from eTwinning in the organisation of school activities all over Europe.

8 ⁰⁰ – 8 ³⁰	Bus transfer from Novotel Genova Ovest to FieraCongressi for EMINENT participants
8 ³⁰ – 9 ³⁰	Registration FOYER FIERACONGRESSI
9 ³⁰ – 11 ⁰⁰	Opening Session SALA LIGURIA AT FIERACONGRESSI Introduction: <ul style="list-style-type: none"> Giovanni Biondi, <i>Chair of European Schoolnet</i> Welcome address: <ul style="list-style-type: none"> Androulla Vassiliou, <i>Commissioner for Education, Culture and Youth (video)</i> Alin Adrian Nica, <i>Chair of the EDUC Commission for Education, Youth, Culture and Research, EU Committee of the Regions</i> Sergio Rossetti, <i>Liguria Regional Councillor for Education and Training</i> Keynote Address: <ul style="list-style-type: none"> Anne Looney, <i>CEO National Council for Curriculum and Assessment (NCCA) Ireland</i>
11 ⁰⁰ – 11 ³⁰	Coffee break FOYER FIERACONGRESSI
11 ³⁰ – 13 ⁰⁰	eTwinning in action – Plenary session SALA LIGURIA AT FIERACONGRESSI Round table: How is eTwinning working Introduction and animation: Anne Gilleran, eTwinning Central Support Service <ul style="list-style-type: none"> Carlos Medina, <i>Spanish Ministry of Education</i> Giuseppe Orazio Colosio, <i>Director General of Lombardia Regional School Office (USR)</i> Eugenio Riviere, <i>DG Education and Culture, European Commission</i> Tomacz Szymczak, <i>Fundacja Rozwoju Systemu Edukacji – FRSE</i>

	
13 ⁰⁰ – 14 ³⁰	Lunch FOYER FIERACONGRESSI
14 ³⁰ – 16 ⁰⁰	<p>Parallel sessions</p> <p>Professional Development:</p> <p>SALA A – PAD B AMMEZZATO</p> <p>In European countries the role of teachers is changing. ICT and new pedagogical paradigms impose choices which have an impact on the way teachers are trained and continue their professional development. A number of studies, including the OECD Talis report, have pointed out that both teachers' networks and informal learning opportunities are perceived by teachers as essential for their professional development. At another level, more and more Ministries of Education consider eTwinning as a valuable tool to provide in-service training to their teachers. This session will examine the trends in the movement of professional development practice from strictly formal to more blended approaches.</p> <p>Animator: Adam Pokorny, DG Education and Culture, European Commission</p> <p>Pedagogical practices:</p> <p>SALA D – PAD B AMMEZZATO</p> <p>eTwinning is having an impact first and foremost on individual teachers. However, the involvement of other colleagues within the same school, although mostly not identified or recognised, is also taking place and is changing the way 'school teams' work at school level. If a 'whole school approach' (one of the pillars of eTwinning at the beginning) does not seem to be totally realisable in every school, a number of interactions among teachers from different subjects is possible and a reality already, both in terms of project development and in the area of sharing practice.</p> <p>Animator: Susan Linklater, Programme Manager, LLP Schools, British Council</p> <p>Teachers Assessment and Recognition:</p> <p>SALA E – PAD B AMMEZZATO</p> <p>A common concern in eTwinning is that a lot of work is done by teachers but not recognised at any level, being formal (MoE, school management) and informal (colleagues, pupils, parents). If we want to promote eTwinning as an integral part of mainstream education, the role of teachers should be highlighted. Appropriate means to measure this role should be explored. Some countries already value and recognise eTwinning activities (projects, Learning Events, PDW).</p> <p>Animator: Patricia Wasbauer, European Schoolnet</p> <p>Embedding eTwinning in educational policies:</p> <p>SALA G – PAD B AMMEZZATO</p> <p>Educational policies (at European and national level) are changing and are subject to profound reforms. Novel approaches to traditional practice are considered, including the raising of key competences through approaches such as enquiry-based and project-based learning. Curricula are also changing towards different, more holistic approaches. In addition, the role of globalisation and the resulting growth of international collaboration have shaped (and will shape more and more) the way schools put in place such new approaches.</p> <p>Animator: Anne Looney, CEO National Council for Curriculum and Assessment (NCCA) Ireland</p>
16 ⁰⁰ – 16 ³⁰	<p>Coffee break</p> <p>FOYER FIERACONGRESSI</p>
16 ³⁰ – 17 ³⁰	<p>Summary report from all sessions</p> <p>SALA LIGURIA AT FIERACONGRESSI</p> <p>Round table – Introduction and Animation: Marc Durando, Executive Director, European Schoolnet</p>
17 ³⁰ – 18 ⁰⁰	Bus transfer from Fiera (bus parking next to PAD C) to Novotel for Eminent participants
19 ⁰⁰ – 20 ⁰⁰	Bus transfer from Novotel Genova Ovest to Gala dinner venue for Eminent participants
20 ⁰⁰	Gala dinner MAGAZZINI DEL COTONE
23 ⁰⁰	Bus transfer from gala dinner venue to Novotel for Eminent participants

Day 2 - EMINENT - Thursday | 17 November

8³⁰ – 8³⁰
Bus transfer from Novotel Genova Ovest to FIERACONGRESSI
9⁰⁰ – 11⁰⁰
**Session 1: Plenary session with Italian School 2.0 initiative
SALA LIGURIA AT FIERACONGRESSI**
Introduction:

- Giovanni Biondi, *Chair of European Schoolnet*

Political welcome address

- Giuliana Pupazzoni, *General Director – USR Liguria*
- Emanuele Fidora, *General Director – DGSSI Miur*
- Sergio Rossetti, *Liguria Regional Councilor for Education and Training*

Round table – Teacher new role and impact on student ways of learning in 1:1 approaches.

- Presentation 1 – EUNACER netbook 1:1 Action research project - Presentation of the global results
Riina Vuorikari, European Schoolnet
- Presentation 2 – Evolution of the role of teacher after 10 years work on experimenting ICT, in-service online training and national plans on New Technologies and the remodelling of didactical settings. Italian example
Leonardo Tosi, ANSAS ex Indire

Closing address – Bruce Dixon, Anytime Anywhere Learning Foundation – Contribution of ICT to the transformation of teaching and learning processes – towards new learning spaces in and out schools.
11⁰⁰ – 11³⁰
Coffee break: FOYER FIERACONGRESSI
11³⁰ – 13⁰⁰
**Session 2: The iTEC project and the classroom of the future
SALA RMIERA AT FIERACONGRESSI**
Animator: Jim Ayre, Senior Adviser, European Schoolnet

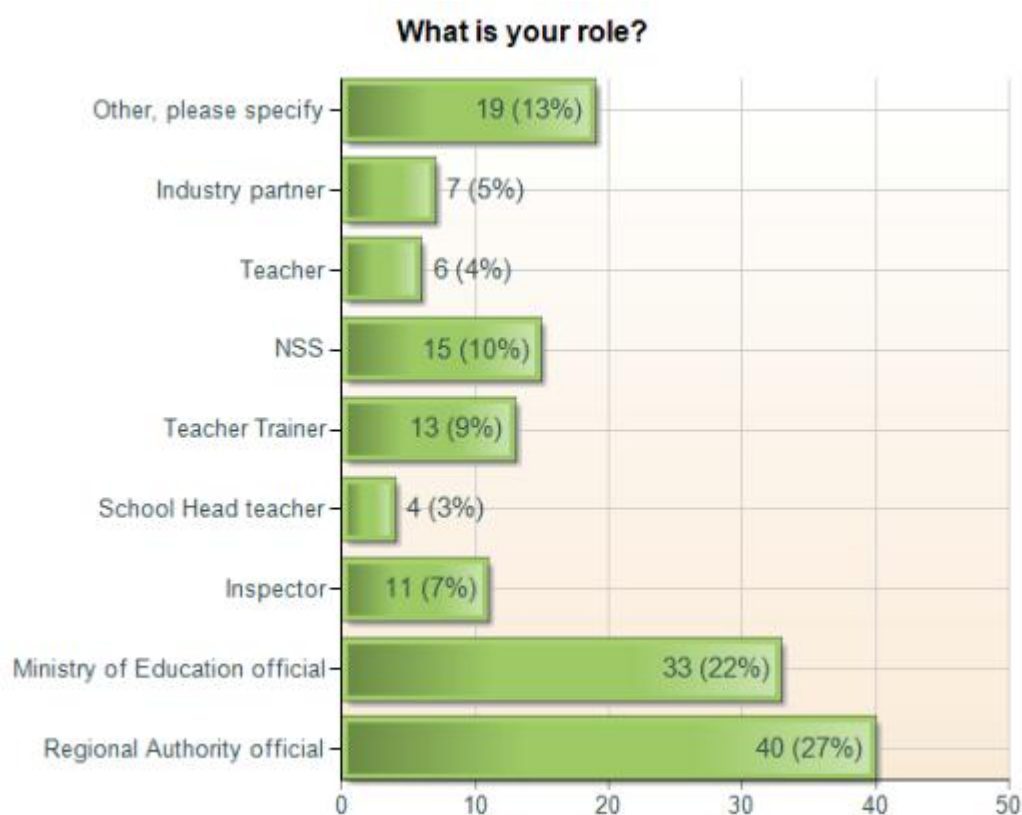
1. Will Ellis, *iTEC Project Manager*, iTEC update – the first project scenarios now being validated in classes across Europe
2. Patricia Wastiau, *Senior Adviser – Research and Studies, European Schoolnet*, What we know from research about innovation process
3. Responses from a panel
 - a. Bálint Magyar, *member of the Governing Board, European Institute of Technology*
 - b. Øysten Johannessen, *Chief Strategy Officer Carpus AS*
 - c. Richard Galvin, *Director of the European school Brussels II*
4. Lieve Van den Brande, *Senior Policy Officer, European Commission, DG Education and Culture* – Creative Classrooms in an innovative Europe - A new European initiative

13⁰⁰ – 13¹⁵
**Session 3 : Closing of Eminent
SALA RMIERA AT FIERACONGRESSI**

- Marc Durando, *Executive Director, European Schoolnet*

13¹⁵ – 14³⁰
Lunch PAD B SUPERIORE PONENTE
14³⁰ – 15⁰⁰
Bus transfer from Fiera (bus parking next to PAD C) to Novotel for Eminent participants

Annex 2: EMINENT 2011: list of participants



EMINENT 2011: Role of participants

Last name	First Name	Organisation	Country
Allemann	Elo	Tiger Leap Foundation	Estonia
Artigas Roig	Anna	CRECIM (UAB)	Spain
Axelsen	Pernille Vils	Danish Science Communication	Denmark
Ayre	Jim	European Schoolnet	United Kingdom
Baranovič	Roman	UIPS	Slovakia
Bennett	Alan	Apple Europe	United Kingdom
Bergamaschi	Fabio	Acer Europe	Italy
Berge	Ola	The Norwegian Centre for ICT in Education	Norway
Biggins	Yvonne	SMART Technologies	United Kingdom
Biondi	Giovanni	Ministry of Education	Italy
Blahova	Viera	Ministry of Education SR	Slovakia
Blamire	Roger	European Schoolnet	Belgium
Bohm	Mikkel	Danish Science Communication	Denmark
Boots	Beatrice	Platform Bèta Techniek	The Netherlands
Borrelli	Ivan	Newell Rubbermaid	Italy
Brown	Doug	European Schoolnet	United Kingdom
Caballero	Carmen	Ministry of Education-IFIIE	Spain

Čač	Janez	Ministry for Education and Sport	Slovenia
Cachia	Romina	IPTS - JRC - European Commission	Spain
Cannella	Giusy	ANSAS (ex INDIRE)	Italy
Carl	Astrid	House of Natural Sciences	Denmark
Carletto	Roberto	Cisco Systems	Italy
Carozzi	Federico	Acer	Italy
Cataldi	Nada	Intel	Italy
Chaluš	Petr	Centre for International Services	Czech Republic
Champiaouris	Kostas	Ministry of Education and Culture	Cyprus
Chellini	Claudia	ANSAS (ex INDIRE)	Italy
Claxton	Peter	SMART Technologies	United Kingdom
Damiano	Mike	Blackboard Collaborate	United Kingdom
De Craemer	Jan	Flemish MoE	Belgium
de Hooze	Justus	Ministry of Education	The Netherlands
Delany	Luc	Facebook	United Kingdom
Denby	Shelley	RM Lightbox	United Kingdom
Dixon	Bruce	Anytime Anywhere Learning Foundation	United Kingdom
Durando	Marc	European Schoolnet	Belgium
Durukanoglu Feyiz	Sondan	Sabancı University	Turkey
Dzikavičiūtė	Jolanta	Education Development Centre	Lithuania
Ellis	Will	European Schoolnet	Belgium
Fidora	Emanuele	Ministry of Education	Italy
FitzGerald	Karen	HP	Germany
Flaten	Kjersti	Ministry of Education	Norway
Frerking	Brandon	Intel	Germany
Friedrich	Judith	Wissensfabrik - Unternehmen für Deutschland e. V.	Germany
Galvin	Richard	European Schools	Belgium
Gentili	Massimo	Blackboard Collaborate	United Kingdom
Giunta La Spada	Antonio	ANSAS (ex INDIRE)	Italy
Gordon	Sunita	The Guardian	UK
Gras-Velazquez	Agueda	European Schoolnet	Belgium
Grecnerova	Barbora	Centre for International Services	Czech Republic
Guasti	Lorenzo	ANSAS (ex INDIRE)	Italy
Hawle	Reinhold	Federal Ministry for Education	Austria
Heath	David	Adobe Systems Europe Ltd	United Kingdom
Heino	Tina	National Board of Education	Finland
Herbreteau	Emmanuel	Texas Instruments - DLP Products	France
Horváth	Ádám	AdWise	Hungary
Invernici	Silvia	Intel	Italy
Jackman	Geoff	Dymo Mimio	United Kingdom
Jacqueline	Cazeaux	SMART Technologies	France
Johannesdottir	Sigurbjorg	Ministry of Education, Science and Culture	Iceland
Johannessen	Oystein	Cerpus AS	Norway

Jokisalo	Elina	European Schoolnet	Belgium
Joyce	Alexa	European Schoolnet	Belgium
Juste Picon	Maria Antonia	Fundacion Telefonica	Spain
Karlberg	Peter	Swedish National Agency for Education	Sweden
Kerr	Charmaine	European Schoolnet	Belgium
Kiesi	Ella	Finnish National Board of Education	Finland
Klemenčič	Dušan	Druga OŠ Slovenj Gradec	Slovenia
Krupa	Janusz	Ministry of National Education	Poland
Kundeko	Irena	My Science	United Kingdom
Kwiatkowska	Anna Beata	Ministry of National Education	Poland
Lafelice	Bianca	eInstruction	Italy
Lansford	Kimberly	European Round Table of Industries	Belgium
Lassen	Steen	Ministry of Education	Denmark
Le Boniec	Marie	European Schoolnet	Belgium
Lehner	Karl	Federal Ministry for Education	Austria
Leroy	Morgane	eInstruction	France
Lipovšek	Igor	Zavod RS za šolstvo	Slovenia
Magen	Esty	Fourier Education	Israel
Magyar	Bálint	Financial Research Plc.	Hungary
Mahkonen	Marko	Nokia Corporation	Finland
Marangio	Emanuele	Promethean	Italy
Mariani	Maurizio	Acer	Italy
Mayorga Campo	Maria Dolores	Ministry of Education	Spain
Medina	Carlos	Instituto de Tecnologías Educativas	Spain
Mellah	Bertrand	Acer	Italy
Mengoli	Eva	Oracle Education Foundation	Italy
Mosa	Elena	ANSAS (ex INDIRE)	Italy
Mounier	Alexandra	eInstruction	France
Mughini	Elisabetta	ANSAS (ex INDIRE)	Italy
Mullins	Anne	Vodafone Group	United Kingdom
Muñoz Núñez	Agustín	Instituto de Tecnologías Educativas	Spain
Naldini	Massimiliano	ANSAS (ex INDIRE)	Italy
Ni Chorcara	Orfhlaith	Oracle	Italy
Nica	Alin	EDUC Commission of the Committee of the Regions	Romania
Odic	Laurent	eInstruction	France
Ortelli	Federica	European Schoolnet	Belgium
Osborn	Paul	Panasonic	United Kingdom
Ottenheijm	Stephanie	Kennisnet	The Netherlands
Panton	Kirsten	Microsoft	Denmark
Panzavolta	Silvia	ANSAS (ex INDIRE)	Italy
Parsons	Stephanie	Futurelab	United Kingdom
Persdotte	Paulina	Volvo	Sweden
Peyton	Brennan	Panasonic	United Kingdom

Pheulpin	Sylvie	STMicroelectronics	France
Picque	Karine	Panasonic	France
Pintó Casulleras	Roser	CRECIM (UAB)	Spain
Podbrscek	Milan	TSC ova Gorica	Slovenia
Pombo	Teresa	DGIDC	Portugal
Punie	Yves	Institute for Prospective Technological Studies (IPTS-EC)	Spain
Puodziukas	Alvydas	Ministry of Education and Science	Lithuania
Racz	Bernhard	ENIS	Austria
Richardson	Janice	European Schoolnet	Belgium
Rimoldi	Fabrizio	Apple	Italy
Rios Font	Raquel	CRECIM (UAB)	Spain
Robinson	Mark	Promethean	United Kingdom
Rose	Julian	The Guardian	United Kingdom
Salvadori	Silvia	ANSAS (ex INDIRE)	Italy
Sandvik	Mia	The Finnish National Board of Education	Finland
Schat	Arjen	Philips	The Netherlands
Schietroma	Rossella	Ministry of Education	Italy
Søby	Morten	The Norwegian Centre for ICT in Education	Norway
Spinoso	Silvia	European Schoolnet	Belgium
Szybalska	Małgorzata	Ministry of National Education	Poland
Tasiopoulou	Evita	European Schoolnet	Belgium
Tatarkova	Iva	Centre for International Services	Czech Republic
Terrades	Nathalie	Ministry of Education	France
Thevot	Christian	Texas Instruments	France
Thorbøll	Per	UNI-C	Denmark
Tochacek	Daniel	DZS, CUNI	Czech Republic
Tosi	Leonardo	ANSAS (ex INDIRE)	Italy
Trinh	Khoi	SMART Technologies	France
Turchi	Antonella	ANSAS (ex INDIRE)	Italy
Ulles	Patrice	eInstruction	France
Urzaite	Dalia	Education Development Centre	Lithuania
Vacelet	Christel	European Schoolnet	Belgium
van Aperen	André	Shell	The Netherlands
Van den Brande	Lieve	European Commission, DG Education and Culture	Belgium
Venturino	Sergio	eInstruction	Italy
Vidorreta	Concepcion	Ministry of Education	Spain
Vuorikari	Riina	European Schoolnet	Belgium
Van der Lee	Rozemarijn	Kennisnet	The Netherlands
Ward	Eddie	Department of Education & Skills	Ireland
Warrol Ersson	Cecilia	The Swedish Association of Engineering Industry	Sweden
Wastiau	Patricia	European Schoolnet	Belgium

Wimmer	Karl	Educa.ch	Switzerland
Xenofontos	Andreas	Ministry of Education and Culture	Cyprus
Zahlut	Axel	ENIS	Austria
Zova	Karel	Tiger Leap Foundation	Estonia
Zwiebel	Ken	Fourier Education	Israel