Smart Employability Program

The partners: EDENIC GAMES S. L. (Spain), Ryde Academy (United Kingdom), FAA Bildungsgesellschaft mbH, Nord (Germany), Zespół Szkół Ponadginazjalnych w Szydłowie (Poland)

The aims:

This project aims to train trainers and teachers in new technologies based around Smartboard applications so that they in turn can train their students in these technologies in order to improve their employability in the global labour market. Through using these new technologies both teachers and students will become more motivated towards teaching and learning and will see the relevance of what they are doing in the classroom to their future employability.

The multilateral meetings in the project:

Poland- October 2012

Spain- January 2013

United Kingdom- May 2013

Germany- November 2013

Spain- March 2014

Poland- May 2014.

The report of the questionnaire for the teachers/trainers "New technology in teaching"

The questionnaire was filled by 54 persons (teachers and trainers) from partners' countries (Great Britain, Poland, Spain, Germany). The participants are the teachers and trainers of the institutions which take part in Leonardo partnership project "Smart Employability Program" 2012-2014.

The questionnaire was made in the time period from May till June 2013.

The first question was about equipment. The question was "Do you have (laptop, smart board, camera etc.) in your work?".

43 participants have a computer or laptop- it is quite a good number, but it should be better in the future. The schools/institutions should buy more computers or laptops for the employees. Nearly all the participants (47 people) answered that they have internet access in classrooms. It means that all the institutions take care about it. The biggest problem is with the computers for the students. Only 12 respondents answered that their students/learners have them. The reasons can be very different: the students/learners didn't have enough money to buy it, the institutions couldn't afford for a computer for every student/learner, the students/learners don't want to/can't take them to school.
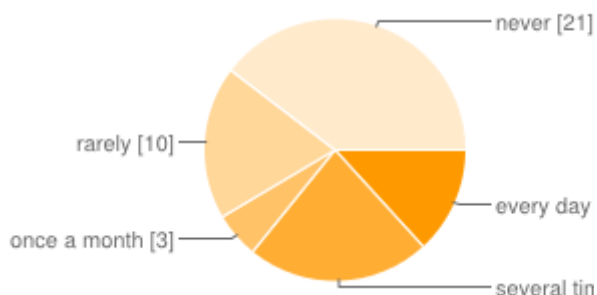
The using smart boards is not enough- only 16 people do it during their lessons.

	persons	percent
the school's laptop or computer	43	79,6%
connection to the internet in your classroom	40	74%
smart board in your classroom	16	29,6%

I use my own computer	13	24%
screen	17	31,5%
camera	13	24%
computer/laptop for every student/learner	7	12,9%

The second question was about using smart boards during lessons "How often do you use a smart board in your work with students/learners?"

The situation doesn't look so well, because 21 people out of the 54 participants never use the smart board. It means that the teachers need more workshops/materials/courses about using the tool in education. Only 19 teachers/learners (7- every day and 12 several times a week) use smart board.10 persons answered frequently that they use it rarely (it means less frequently than one time a month).
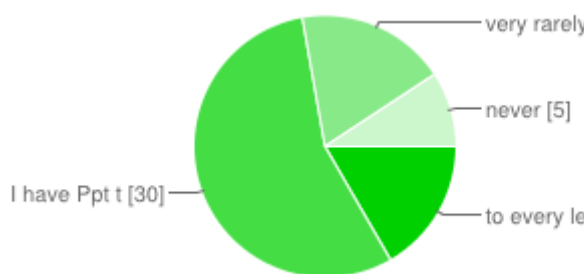
presentation during the lecture, because 29 persons checked it. More than half of the group use films (42 participants). Moodle isn't so popular, only 5 persons use it, nobody uses skype.

Tool	persons	percent
smart board	16	29,6%
internet	50	92,6%
PPt	29	53,7%
Google tools	18	33%
Moodle	5	9,25%
films	42	77,7%
traditional books	43	79,6%
audio materials	24	44,4%
blackboard/whiteboard	47	87%
e-mail	25	46%
traditional lecture	30	55,5%
skype	0	0%
facebook	4	7%
other	12	22%

The questionnaire checked how often the teachers use the internet in their work. The question was not so precise about the way they use it (communication, homework, during lessons), but most of the teachers/trainers use it often (17 persons every day and 24 several times a week). Nobody said "never"- it means that the internet is very important in the learning process.

The next question checked which tools the teachers use in teaching- "Choose the tools which you use in your work with students/learners". The answers show that the teachers most often use the internet (50 people) and traditional tool - blackboard (47 people). Many teachers/trainers use other traditional methods such as books (43 people) and lecture (3 persons), probably they use

How often	persons	percent
every day	17	31%
several times a week	24	44%
rarely	13	24%
never	0	0%

The question "How often do you prepare PPt for your students/learners?" checked not only the use of also, but competence in making the tool. Most of the participants use it very often (9 respondents every day, 30 repondents for some topics). 5 teachers/trainers answered that they never use it. It means they should learn how make the Ppt and how to use it during lessons.

The answers to the question "Do your students/learners prepare class/homework using modern technologies?" showed that presentation is very popular - 30 teachers/trainers said that the students/learners do it. 24% of the teachers (20 people) communicate by e-mails with their students/learners. The field needs changes because 13 respondents answered that their students/learners don't us IT technology.

The next question of the questionnaire asked what the teachers/learners need in order to use new technology more often. The majority of them (33 participants) need equipment and more time for preparing materials. The teachers/learners need workshops and courses (30 persons) and the same number said that they need to exchange experience with other teachers. It means that the Leonardo project is a good opportunity to improve IT skills and exchange

materials/experiences among teachers/trainers.

The two last questions were about opinion- how IT technology help in teaching and if the students/learners like it. Most of the participants think that new technology is helpful in teaching (23 people marked 5 and 13 people 4 on five-point scale with 5 meaning "very helpful") and they notice that students/learners like it (17 respondents checked 5 and 21 respondents 4 on five-point scale). Quite a big number of teachers/trainers decided to choose "3" (it means – yes, but not so much). They can change their opinion when they have more IT skills, the technology more often, can observe other teachers and exchange the experiences with them.

In your opinion - does using new technology help in teaching?

1- No help	1	2%
2-	1	2%
3-	16	30%
4-	13	24%
5- very helpful	23	43%

What do you observe- do your students/learners like IT technology in learning?

1- Not	1	2%
2-	2	4%

3-	13	24%
4-	21	39%
5- Very much	17	31%

This is the result of participation in IT workshops of English teachers in ZSP in Szydłów.

The teachers took part in Leonardo project "Smart Employability Progam". They learn how to use IT technology in teaching.
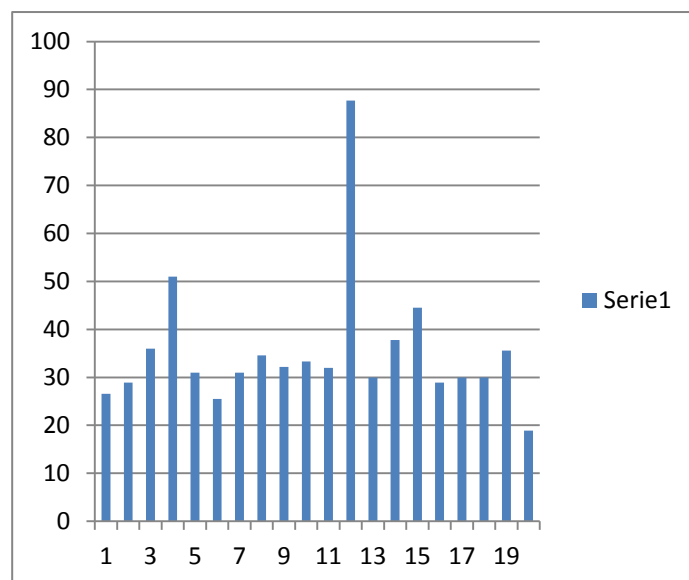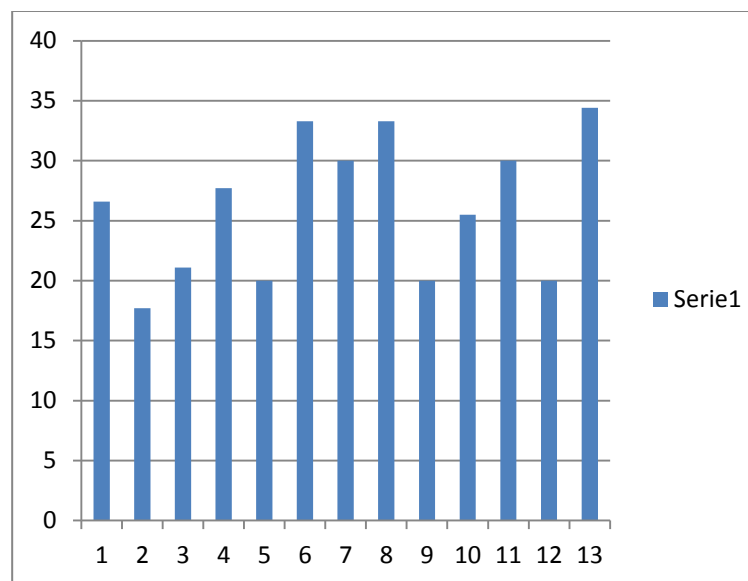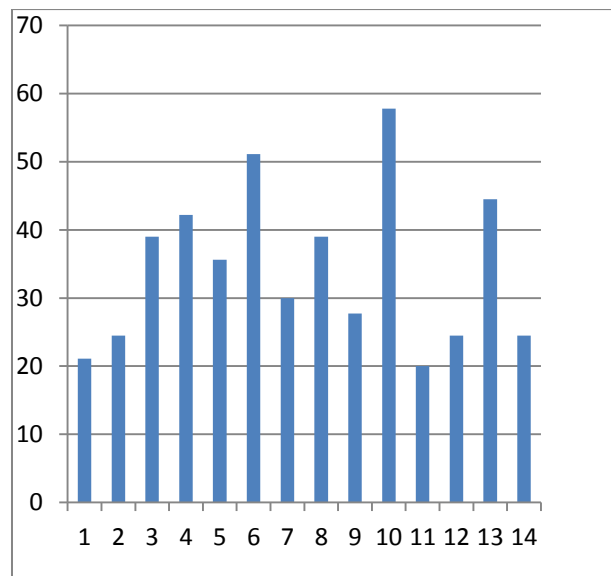
Using new technologies

At the beginning of the school year (2013/2014) the teachers of English carried out a diagnostic test in English among the students of 1st classes. They used online test:

http://englishenglish.com/englishtest.htm

Thanks to that online test they got on the spot scores, which saved them a lot of time in comparison to the correction of normal tests. They could easily gather and analyze data.

Horizontal line- students

Vertical line- results

 It also reduced chances of human errors in terms of making marking mistakes and reduced cost because they didn't have to prepare paper sheets.

 Students had the chance to use multimedia which made doing the test more challenging and interesting.

ZSP in Szydłow-etwinning activities

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Etwinning is the free and safe platform for teachers to connect, develop collaborative projects and share ideas in Europe.
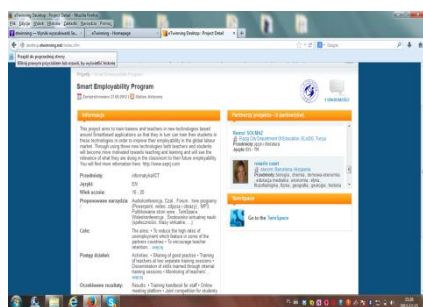
The numbers of the participants changes but the data (2013) shows how many people us it.

- 227.458 Teachers

- 31.518 Projects

- 114.230 Schools

With etwinning you can:

- Share ideas, cooperate and participate in projects

- Find colleagues and teachers across Europe

- Participate in workshops and events

- Be a member of etwinning group, discuss and work together on a specific topic or theme.

During the meeting in Poland the all partners decide create compatibly project on etwinning platform.

Some of the teachers decided to take part in workshops and conferences to know more about etwinning, to improve their It skills. There are the results:
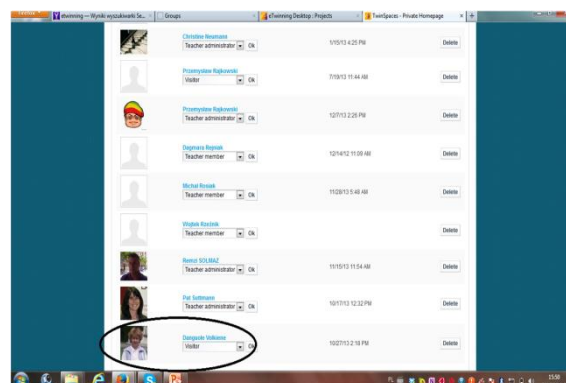
- The participation of 1 person in Professional Development Workshop for eTwinning

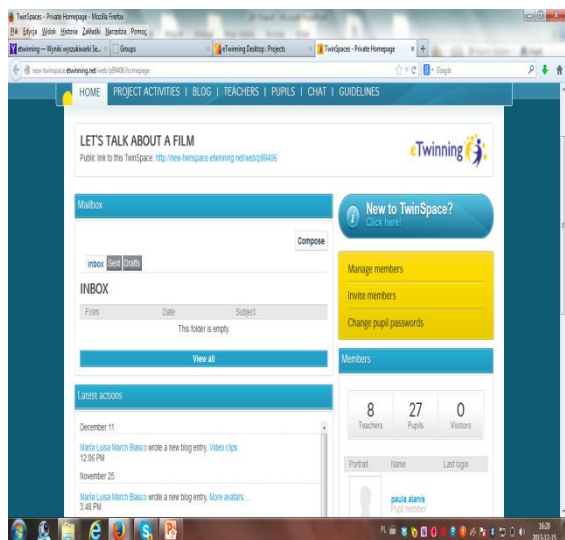Ambassadors "School Teams" 8-10 November 2012 Athens

- The workshop for the all teachers of ZSP in Szydlow- one of the methods of international cooperation (Etwinning)-23 thNovember 2012

- The participation 2 teachers in workshop of IT between the conference of eTwinning in Łódź- February 2013

- The participation 1 teacher in etwinning contact seminar for the teachers of vocational schools in Pułtusk (Poland)- July 2013.

- The workshop for 10 teachers "How to realize etwinning project"- 8th November 2013. It was the workshop for the teachers of 2 schools in Piotrków Trybunalski region.

- The participation 4 teachers in etwinning conference and workshops in Olsztyn (Poland)- 6-7 December 2013

The effects or the activities are:

1.We share the project SEP others etwinners from others countries.

2. The teachers team create new etwinning project about films.

We can said that the participation in Leonardo project motivated the teachers to looking for new opportunities to improve IT skills.

How adults use multimedia?

In November 2013, we asked the inhabitants of district Grabica about using IT in a questionnaire .

The target group was people aged 50+, although 2 of the participants are under 49. We asked the students of the Secondary School in Szydłow (a small village in the district), to take the questionnaire home for their grandparents. We also asked the members of the association Szydłowskie Stowarzyszenie Rodziców "Przyjazny Kąt.

We gave them a paper version of the questionnaire and collected the answers. 27 people took part in it: 18 women and 9 men of different ages. Most of them were aged 61-70 (44,44%), 5 people (18,52%) were aged 71-75. In the whole group

there was 74,07% pensioners and 14,81% who still work on farms.

We asked about using a mobile phone, computers and the internet. Five of the participants didn't have a mobile or ad computer. It's quite a big number, because it's 18,52% of our respondents.

Nearly all people use a mobile only for conversation and sending texts- 66,66%, only 1 person uses the internet on a mobile.

The general problem with using IT can be equipment , because it's still quite expensive in Poland. Only 2 respondents of the questionnaire have their own computer, more of them have a computer or laptop (37,04%), but in 18,52% of the families (where our respondents live) didn't have one at home.

16 peoples can't use a computer and they don't want to learn. It's a problem, because they don't know, that IT skills can be very useful in life. 10 people would like to learn more, but they don't know exactly what they should learn. One person from a family, where nobody has a computer would like to learn how to use it and the internet.

Conclusion:

People aged 50+ in rural areas (Grabica district) don't use multimedia. The most popular is a mobile, but most of them use it only for conversation.

The worst situation is with using a computer and the internet. Most of them don't use it and don't need to learn it. There could be some reasons for this.

One is that the internet is not free and people who want use it must pay- in rural areas it can be quite expensive, especially for pensioners. It's the same with owning a laptop or computer- people in difficult situations (risk of social exclusion) can't afford to buy them.

The next reason is that they don't know that it can be very helpful in life, because you can look for interesting information, you can buy something, pay tax etc. If they don't understand how IT skills can be useful in life, they always regard IT as a toy for younger people.

This is the reason, why the local organizations should focus on promoting IT. A good way is to demonstrate at local events and meetings(formal and informal) how use the internet to find a job, how to communicate with other people, and how to work.

The questionnaire:

Questionnaire about using multimedia for the adult inhabitants of the local community in a rural area (Grabica district).

I'm
o woman
o man

I'm in age
o 49 or under
o 50-55
o 56-60
o 61-70
o 71-75
o 76 or older

At the moment I...
o work
o am retired
o am unemployed
o a farmer

How do you use a mobile?
choose only one
o I haven't used a mobile
o I have, but I use it only for speaking
o I speak and send texts
o I speak, send texts, make photos
o I speak, send text, make photos, use internet

In my home/family
choose one option
o I have my own computer/laptop
o There is more than one computer but I don't have my own computer
o We have one, but it is used by many people, me included
o We don't have a computer

How do you use a computer?
You can choose more than one
o I can't use it.
o I can find some info on the internet
o I use e-mails
o I can create documents
o I use it in my work or to look for jobs
o I can create powerpoints
o I can print some materials

- o ☐ I can use discs to listen to music or watch films
- o ☐ I use facebook
- o ☐ I have an account on other platforms
- o ☐ I use SKYPE
- o ☐ I use other programmes to communicate

If you had an opportunity to learn
You can choose more than one

- o ☐ I don't want to learn, I don't need it
- o ☐ I would like to learn to use the internet to find information about interesting things
- o ☐ I would like to use e-mail
- o ☐ I would like to learn how to create documents
- o ☐ I would like to edit photos
- o ☐ I can do some things. I would like to learn more, but I don't know what
- o ☐ I would like to make contact with other people

If you want take part in any activities of IT, write your address or mobile, we will contact you

Health and safety regulation of work with a computer

People spend a lot of time with a computer, laptop and others IT equipment. We can expect that it will be more time in future, because computer is tool of work (near in the all profession), play, learning. It's important to know how use it safety for our health.

There is a rule, that all elements should have as many options of adjusting height, angles and position, as possible. This makes it possible to adjust to the needs of their user.

Lighting:

- ➡ general lighting,
- ➡ Lighting power: PN = 500 lx,
- ➡ foreign figures = 300-750 lx

Microclimate: Advisable air temperature:

- ➡ winter 20 - 24 °C,
- ➡ summer 23 - 26 °C
- ➡ Air humidity should be kept at 50-65%.
  Noise:
  - ➡ It is advised that the level of noise should not exceed 40-50 dB(A).

If you want know more, visit the web sites

https://www.facebook.com/EuropeanSEP?ref=hl

http://seprj.com/

http://new-twinspace.etwinning.net/web/p86476/welcome