Eportfolio Implementation for Education and Employability in Russia: State of the Art

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Institute of Education, Psychology and Sociology
Siberian Federal University

ePIC 2013
11th ePortfolio and Identity Conference
Siberian Federal University
Krasnoyarsk

Krasnoyarsk region

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ePortfolio in Russia

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ePortfolio in Russia

SIBERIAN FEDERAL UNIVERSITY (SIBFU)

400 professors and 1,500 assistant professors

19 institutes including IEPS

40,000 students

170 study programs

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Institute experience in ePortfolio

2007 Working out a complex organizational and methodological model of ePortfolio (software developed at IEPS SibFU)

2008 - for assessing achievements of bachelor and master program students specializing in Education (software by IEPS SibFU)

2009 - for teacher assessment at (software by IEPS SibFU)

2012 - bachelor program students start ePortfolios in Mahara for assessing educational outcomes

2012 - master program students start ePortfolios in Mahara and experiment with Language portfolio (fill in Language Passport and CV using Europass tools)
Projects 2012

• “ePortfolio for Human Resources (eHR)”. Supported by FP7 and Russian Humanitarian Scientific Fund

• “Supporting mobility of secondary vocational and higher professional education institutions by means of electronic portfolio”. Supported by Krasnoyarsk Regional Scientific Fund
Analyzing the state of the art in using ePortfolio and working out the optimal employment ePortfolio structure for the international labor market.
<table>
<thead>
<tr>
<th>Age, years</th>
<th>Level of Education</th>
<th>Age, years</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-23</td>
<td>Post-grad education</td>
<td>18-22</td>
</tr>
<tr>
<td>17-19</td>
<td>Higher education (4-6 years)</td>
<td>17-18</td>
</tr>
<tr>
<td>17-19</td>
<td>Secondary vocational college/technical school (2-3 years)</td>
<td>17-18</td>
</tr>
<tr>
<td>11-16</td>
<td>Junior high school (5-9 grades)</td>
<td>11-16</td>
</tr>
<tr>
<td>6-10</td>
<td>Elementary school (1-4 grades)</td>
<td>6-10</td>
</tr>
<tr>
<td>1,5 – 6</td>
<td>Pre-school education</td>
<td>1,5 – 6</td>
</tr>
</tbody>
</table>
Supporting learning motivation of pupils
Supporting pupils’ independent learning
Developing reflexive skills
Planning of individual educational trajectory (profile training in senior classes)
Secondary education level
School

PROFILE TRAINING AT SECONDARY SCHOOL LEVEL

• Natural Sciences and Mathematics
• Social and Economic Sciences
• Humanitarian Sciences
• Technology

DEVELOPERS OF USING PORTFOLIO FOR PROFILE EDUCATION:
Tatyana Novikova, Alexander Prutchenkov, Marina Pinskaya

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Secondary education level
School

Types of Portfolios

Complex Portfolio

- Portfolio of works
- Portfolio of documents
- Assessment Portfolio

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Secondary education level
School
EPORTFOLIO AT SCHOOL

School competition “Pupils’ Portfolio” (school 385, St.Petersburg)
https://sites.google.com/site/school385krs/ucebnaa-deatelnost/portfolio

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### Secondary education level

#### School

**STRUCTURE OF PUPIL’S EPORTFOLIO (5-7 GRADES)**

**SCHOOL 186, NIZHNY NOVGOROD**

<table>
<thead>
<tr>
<th>Sections</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>I am a personality</td>
<td>- Introducing myself</td>
</tr>
<tr>
<td><em>Social competencies</em></td>
<td>- All about me (teachers, psychologists, parents, friends</td>
</tr>
<tr>
<td></td>
<td>- My plan of work at myself</td>
</tr>
<tr>
<td></td>
<td>- Creative achievements (reflexive analyses)</td>
</tr>
<tr>
<td>I am a student</td>
<td>- I start a new academic year</td>
</tr>
<tr>
<td><em>learning competencies</em></td>
<td>- Educational goals, objectives, outcomes (foe every term)</td>
</tr>
<tr>
<td></td>
<td>- Subject pages (works, assessment lists, analyses, development graphics,</td>
</tr>
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<td></td>
<td>etc.</td>
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<td></td>
<td>- Final assessment in different subjects (defining problems, planning</td>
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<td></td>
<td>of work)</td>
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<tr>
<td></td>
<td>- Academic achievements (projects, presentations, best works, their</td>
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<tr>
<td></td>
<td>external assessment)</td>
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<tr>
<td></td>
<td>- Parents’ page “My child is a pupil” (assessment of strong and weak</td>
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<tr>
<td></td>
<td>points)</td>
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</tbody>
</table>

http://www.naash.ru/proj/portfolio.php#
GOALS OF USING EPORTFOLIO ON SECONDARY VOCATIONAL LEVEL

• Assessment of educational and social results
• Stimulates students’ educational activity
• Launches reflexion over the students’ goals and opportunities
• Job placement
• Entering an educational institution
ePortfolio in secondary vocational education training
# ePortfolio in HE

## Types of ePortfolios Used in HE

<table>
<thead>
<tr>
<th>Owner</th>
<th>Type of activity</th>
<th>individual</th>
<th>group</th>
</tr>
</thead>
<tbody>
<tr>
<td>educational</td>
<td>(post-grad) student's ePortfolio</td>
<td>portfolio of a student group</td>
<td></td>
</tr>
<tr>
<td>professional</td>
<td>teacher's, HEI administrator's ePortfolio</td>
<td>portfolio of a Chair, Department, University</td>
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</tbody>
</table>
Models of using ePortfolio in training pedagogues at IEPS SibFU

Models of ePortfolio for

- Training elementary school teachers for developmental education
- Training Bachelors of education (different profiles)
- Training Masters of Education in Educational management, Higher Education, Social Pedagogy
- Additional area of specialization “Teacher” for students and professionals in different areas
- IEPS teaching staff

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ePortfolio in HE

EPORFTOLIOS USED IN HE

Yulia Semachkina

About Me
This is the profile page for Yulia Semachkina

Yulia Semachkina’s pages

WORK EXPERIENCE

2013 – Present
Head of the regional center for monitoring the quality of special education
Educational and methodological center, Krasnoyarsk (Russia)
- Organized monitoring of the quality of professional education in educational institutions of Krasnoyarsk region

2010 – 2013
Head of Department of methodical work and quality of education
Krasnoyarsk Technological College, Krasnoyarsk (Russia)
- Organized the transition of the educational process in the new training system (FGOS);
- Developed a set of methodological recommendations on program subjects, educational modules and FGOS;
- Took an active part in the accreditation of two specialties;
- Established cooperation with specialized education colleges on important for our college issues;
- Organized an annual students science conference;
- Initiated an internet activity in colleges;
- Took an active part in all kinds of action in college.

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Students’ self-presentation

Belyatskaya Ekaterina Olegovna
E-portfolio

Radost vityazh Vas na stranitscha moya e-portoflio!
Zdzieh Vam mogu bolemnj uznati obo mnie,
moi taliantakh i dostoinstwach.
Pravotvornyj pomstvol!

mahara
Open Source ePortfolios
(eLearn Initiative, Mr. Jan, Exploring, Thought)

Profile
About me
Contact information
Messaging
General

First Name: Elena
Last Name: Nazarenko
Student ID: Elena M.
Display Name: Elena M.

Introduction
Font family
Font size
Format

Teacher, IT Education Chair, Siberian Federal University, Russia

Tiuchenina Olya Vladimirovna.
Portfoliio

1) Obozhe in Siberian Federal University:
- Institute of philology and mass communications, department
  journalism (specialization - television), 4 course
  - Institute of pedagogy, psychology and sociology, specialization
    - pedagogy.
- Institute of philology and mass communications, department
  public relations, 2 course
  - Institute of philology and mass communications, department
    public relations, 2 course
- Institute of philology and mass communications, department
  - foreign languages, specialization
  - foreign languages, 1 course
  2) Work in the newspaper of Siberian Federal University
    - "New university life" in the capacity of correspondent.
  3) Participation in the project "TV Siberia" as a correspondent.
  4) Staying in a foreign newspaper "Our Krasnoyarsk Krai,"
    - responsible for the section of information and societal news
      in the Krasnoyarsk Krai.
### Group Discussion

| 5 mixed groups, 10 people each (employers, teachers, students, pupils) | • CV  
• References  
• Awards and achievements  
• Examples of accomplished works  
• Career plans  
• Social activities  
• Working conditions  
• Mobility  
• Feedback  
• Your variant |

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<table>
<thead>
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<th>SIGNIFICANT</th>
<th>RESUME</th>
<th>WORK CONDITIONS</th>
<th>WORK EXAMPLES</th>
<th>ACHIEVEMENTS</th>
<th>NON-SIGNIFICANT</th>
<th>CAREER PLANS</th>
<th>RECOMMENDATIONS</th>
<th>VIDEORESUME</th>
<th>SOCIAL ACTIVITY</th>
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<td>NON-SIGNIFICANT</td>
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</tbody>
</table>
Online survey

**WE ASKED**

Teachers - 62  
Pupils - 72  
Students - 85  
Employers/HR managers - 41

http://ww3.unipark.de/uc/Abt_Bildungsforschung/0195/ - students  
http://ww3.unipark.de/uc/Abt_Bildungsforschung/0056/ - employers/HR managers  
http://ww3.unipark.de/uc/Abt_Bildungsforschung/7797/ - teachers
Do you agree that ePortfolio is a prospective tool for presenting professional competencies?

Students:
- Fully agree: 52.9%
- Rather agree: 27.1%
- Rather disagree: 14.1%
- Fully disagree: 5.9%
- Other: 2.5%

Employers:
- Fully agree: 37.5%
- Rather agree: 37.5%
- Rather disagree: 23%
- Fully disagree: 2.5%
- Other: 5.9%
Do you agree that it is useful to work out a ePortfolio database on the international level?

Students

<table>
<thead>
<tr>
<th>Opinion</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>fully agree</td>
<td>43.5%</td>
</tr>
<tr>
<td>rather agree</td>
<td>30.6%</td>
</tr>
<tr>
<td>rather disagree</td>
<td>12.9%</td>
</tr>
<tr>
<td>fully disagree</td>
<td>12.9%</td>
</tr>
<tr>
<td>other</td>
<td>2.5%</td>
</tr>
</tbody>
</table>

Employers

<table>
<thead>
<tr>
<th>Opinion</th>
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</thead>
<tbody>
<tr>
<td>fully agree</td>
<td>37.5%</td>
</tr>
<tr>
<td>rather agree</td>
<td>37.5%</td>
</tr>
<tr>
<td>rather disagree</td>
<td>23%</td>
</tr>
<tr>
<td>fully disagree</td>
<td>2.5%</td>
</tr>
<tr>
<td>other</td>
<td>37.5%</td>
</tr>
</tbody>
</table>
Do you think Europass may be a useful tool for extending employment boarders?

**Students**

- Fully agree: 22.4%
- Rather agree: 49.4%
- Rather disagree: 21.2%
- Fully disagree: 7.1%

**Employers**

- Fully agree: 20%
- Rather agree: 55%
- Rather disagree: 20%
- Fully disagree: 5%
Implementing Europass for extending the employment boarders

**Students**
- Fully agree: 49.4%
- Rather agree: 22.4%
- Rather disagree: 21.2%
- Fully disagree: 7.1%

**Teachers**
- Fully agree: 61.1%
- Rather agree: 14.8%
- Rather disagree: 1.9%
- Fully disagree: 22.2%
Using ePortfolio for job application

- Yes, I used ePortfolio elements: 35%
- No: 33%
- Other: 32%
- I did not know about ePortfolio: 18%
- I used other forms of presenting information: 50%

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On what level an ePortfolio database should be developed?

- 35% On the national
- 38% On the international level
- 9% On the regional level
- 18% Other

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Challenges in ePortfolio implementation in Russia

• Difficulty in transforming the pupils' ePortfolio into students' ePortfolio / professional / career / life-long learning ePortfolio.

• Lack of coordination in the goal-setting process, absence of official documents for transition.

• Most educational institutions in Russia use ePortfolio software designed within the institution; ePortfolio databases are not accessible to expert community, colleagues, employers and other users.
Recommendations for ePortfolio implementation in Russia

• Detailed description of the technology

• Orientation on the free open software. Working out a platform for transforming the data to ensure interoperability on the labor market

• Cooperation between educators and professionals
ePortfolio prospects in Russia

“Portfolio will become entrance requirement for enrolling a university in future”

Minister of Education and Science of Russia
Dmitry Livanov, 10 June 2013

Portfolio will contain the results of the State examinations, average grade, social and sport achievements of a graduate


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Thank you for your attention!

Please contact:

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Siberian Federal University

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