

# Teacher Education Center, Wroclaw University, Poland

Andrzej Krajna, Krystyna Sujak-Lesz, Leszek Ryk, Jan Lesz

Project EuSTD-web

Final Meeting @ Castelo Branco | Portugal

23<sup>rd</sup> -24<sup>rd</sup> September 2009

## **national project web site**



Uniwersytet  
Wrocławski

[project development,](#)  
[raports, disimination and](#)  
[planed activities](#)

## e-modules implemented [level II]

- **Title: Pupils' World Image and Science Teaching**  
Andrzej Krajna, Krystyna Sujak-Lesz, Elzbieta Malkiewicz, Jan Lesz, Leszek Ryk
- **Project sever**
- **Comment:** Implemented in Polish, available in both Polish and English

## pilots implemented

- pilot name: **Pupils' World Image and Science Teaching**
- start date: **September 2007**
- end date: **March 2008**
- number of e-tutors involved: **5**
- piloting performed by the following two e-tutors:  
**Andrzej Krajna, Elzbieta Malkiewicz**
- number of in-service science teachers enrolled: **50**
- teachers name's list: [click here](#)
- implemented on server of the Wroclaw University (in Polish)

## pilot's evaluation reports

- report name: **„Pupil's World Image and Science Education” - report from e-workshop conducted during postgraduate studies “Science teacher in junior high school”**
- web address where it's published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/raport.htm> (in Polish and in English)**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>): **Yes, it is published in a printed form (see books) and in electronic form at [http://cms.ua.pt/eustd-web/files/piloting\\_UWr\\_PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf)**

# e-portfolio examples from the pilots

Example 1 of 7

- **Anita Pawlikowska, Barbara Wyborna**, On action research: electric conductivity in different materials (in Polish: Badanie przewodnictwa elektrycznego różnych substancji)
- pilot where it was produced: **Wroclaw University**
- web address where it's published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/prace.htm>**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>): **in the raport availabe at [http://cms.ua.pt/eustd-web/files/piloting\\_UWr\\_PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf) the potfolio is mentioned but not included**

# e-portfolio examples from the pilots

Example 2 of 7

- **Bozena Gietler**, On action research: Energy sources in our homes (in Polish: Zrodla energii w naszych domach)
- pilot where it was produced: **Wroclaw University**
- web address where it's published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/prace.htm>**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>): **in the raport availabe at [http://cms.ua.pt/eustd-web/files/piloting\\_UWr\\_PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf) the potfolio is mentioned but not included**

# e-portfolio examples from the pilots

Example 3 of 7

- **Dorota Stodolnik**, On action research: Metal (in Polish: Metal)
- pilot where it was produced: **Wroclaw University**
- web address where it's published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/prace.htm>**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>)?: **in the raport availabe at [http://cms.ua.pt/eustd-web/files/piloting\\_UWr\\_PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf) the potfolio is mentioned but not included**

# e-portfolio examples from the pilots

Example 4 of 7

- **Barbara Platis, Barbara Kulpa**, On action research: Condensation of water vapours (in Polish: Skraplanie sie pary wodnej)
- pilot where it was produced: **Wroclaw University**
- web address where it's published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/prace.htm>**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>): **in the raport availabe at [http://cms.ua.pt/eustd-web/files/piloting\\_UWr\\_PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf) the potfolio is mentioned but not included**

# e-portfolio examples from the pilots

Example 5 of 7

- **Urszula Czahajda, Joanna Grzesnik, Jadwiga Herok, Mariola Fenkow**, On action research: Understanding of the mathematical meaning of the notion „angle” by pupils of junior secondary school (in Polish: Rozumienie przez uczniów gimnazjum matematycznego znaczenia pojęcia „kąt”)
- pilot where it was produced: **Wroclaw University**
- web address where it’s published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/prace.htm>**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>): **in the raport available at [http://cms.ua.pt/eustd-web/files/piloting\\_UWr\\_PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf) the potfolio is mentioned but not included**

# e-portfolio examples from the pilots

Example 6 of 7

- **Iwona Poczatek**, On action research: Energy (in Polish: Energia)
- pilot where it was produced: **Wroclaw University**
- web address where it's published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/prace.htm>**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>): **in the raport availabe at [http://cms.ua.pt/eustd-web/files/piloting\\_UWr\\_PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf) the potfolio is mentioned but not included**

# e-portfolio examples from the pilots

Example 7 of 7

- **Alina Gabriel, Leszek Bronowicki, Andrzej Calko, Andrzej Galeski**, Ideas on the notion „ecology” of secondary junior school pupils (in Polish: Jak uczniowie gimnazjum rozumieja pojecie „ekologia”)
- pilot where it was produced: **Wroclaw University**
- web address where it’s published/mentioned in the national project web site:  
**<http://www.cen.uni.wroc.pl/EuSTD/prace.htm>**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>)?: **in the raport availabe at [http://cms.ua.pt/eustd-web/files/piloting UWr PL.pdf](http://cms.ua.pt/eustd-web/files/piloting_UWr_PL.pdf) the potfolio is mentioned but not included**

## pilot's evaluation questionnaires

- questionnaires given online or paper-based: **a separate discussion forum devoted to the evaluation was included in the piloted e-module**
- web address where it's published/mentioned in the national project web site: **the results are included in the raport (see pages 21 to 27 in [here](#))**
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>) or on any other server at Aveiro?: **Yes, in the piloting raport**

# articles, papers, reports and books

**The current list of documents is published at**  
**<http://www.cen.uni.wroc.pl/EuSTD/upowszechnianie.htm>**

## articles, papers, reports and books

- document's complete reference: report *How is a pupil/student everyone knows. Pupils' world image – sciences*, A.Krajna, K.Sujak-Lesz (Ed.) presented at the Lower Silesian Seminar on PCK „Teacher with passion- a chance for education”, Wroclaw University, Wroclaw March 2nd, 2009 and March 30th, 2009
- web address where it's published/mentioned in the national project web site: **see point I at**  
<http://www.cen.uni.wroc.pl/EuSTD/upowszechnianie.htm>
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>)? : **No, not yet.**

## articles, papers, reports and books

- document's complete reference: report *Using pupil's colloquial knowledge in education – application of L.S. Vygotsky's theory in educational practice*, Elżbieta Małkiewicz, Andrzej Krajna presented at Seminar „Educational Theories under Critical Judgment” , Lower Silesian Academy (Dolnośląska Szkoła Wyższa), Wrocław, January 13th, 2009
- web address where it's published/mentioned in the national project web site: **see point II at** <http://www.cen.uni.wroc.pl/EuSTD/upowszechnianie.htm>
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>)? : **No, not yet.**

## articles, papers, reports and books

- document's complete reference: report *Information on EuSTD-Web project*, Andrzej Krajna, Krystyna Sujak-Lesz, Elzbieta Malkiewicz, Jan Lesz, Leszek Ryk presented at 10th Polish Forum of Science Teachers, **Wroclaw University, Wroclaw** 19-20 September 2009
- web address where it's published/mentioned in the national project web site: **see point III at** <http://www.cen.uni.wroc.pl/EuSTD/upowszechnianie.htm>
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>)? : : **No, not yet.**

Comment: at the 10th Polish Forum of Science Teachers each participant has got a book with an printed information about EuSTD-Web project on the cover.

## articles, papers, reports and books

- document's complete reference: **book** *"How is a pupil/student everyone knows. Pupils' world image – sciences"*, A.Krajna, E.Małkiewicz (Ed.), ISBN 978-83-7432-373-4, Wroclaw **2008**
- web address where it's published/mentioned in the national project web site:  
<http://www.cen.uni.wroc.pl/EuSTD/upowszechnianie.htm>
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>)? : **Yes.**

## articles, papers, reports and books

- document's complete reference: **book** *"How is a pupil/student everyone knows. On getting to know pupils/students better and on using that cognition in the teaching process"* (in Polish), A.Krajna, E.Małkiewicz (Ed.), ISBN 978-83-7432-372-7, Wroclaw 2008
- web address where it's published/mentioned in the national project web site:  
<http://www.cen.uni.wroc.pl/EuSTD/upowszechnianie.htm>
- is it already published/mentioned in the main project web site (<http://cms.ua.pt/eustd-web/>)? : **Yes.**

## e-modules implemented [level III]

Fill in the following data for each **level III e-module** you have implemented

- **e-module name:**
- **e-module authors:**
- **web address of the server where it's hosted:**
- **e-module language:**

# Book

- Team member name: **Andrzej Krajna**
- Involved in the writing of (part, section or chapter):  
**4.2.2- *Building community in diversity (Example of Wroclaw)/Pupil's World image and science education,***  
**3.1 – *EuSTD-web Gateway Module***
- Writing task concluded?: **Yes**
- If not please estimate a date for that conclusion and mention what still needs to be done:

## Book

- Team member name: **Krystyna Sujak-Lesz**
- Involved in the writing of (part, section or chapter):  
**4.2.2- *Building community in diversity (Example of Wroclaw)/Pupil's World image and science education,***  
**3.1 – *EuSTD-web Gateway Module***
- Writing task concluded?: **Yes**
- If not please estimate a date for that conclusion and mention what still needs to be done:

## Book

- Team member name: **Elżbieta Małkiewicz**
- Involved in the writing of (part, section or chapter):  
**4.2.2- *Building community in diversity (Example of Wroclaw)/Pupil's World image and science education,***
- Writing task concluded?: **Yes**
- If not please estimate a date for that conclusion and mention what still needs to be done:

## Book

- Team member name: **Jan Lesz**
- Involved in the writing of (part, section or chapter):  
**4.2.2- *Building community in diversity (Example of Wroclaw)/Pupil's World image and science education,***  
**3.1 – *EuSTD-web Gateway Module***
- Writing task concluded?: **Yes**
- If not please estimate a date for that conclusion and mention what still needs to be done:

# Book

- Team member name: **Leszek Ryk**
- Involved in the writing of (part, section or chapter):  
**4.2.2- *Building community in diversity (Example of Wroclaw)/Pupil's World image and science education,***  
**3.1 – *EuSTD-web Gateway Module***
- Writing task concluded?: **Yes**
- If not please estimate a date for that conclusion and mention what still needs to be done: