

ECO-MATRIX

TÜRKİYE CUMHURİYETİ
AVRUPA BİRLİĞİ BAKANLIĞI



REPUBLIC OF TURKEY
MINISTRY FOR EU AFFAIRS



Lifelong
Learning
Programme



ECO-MATRIX EXTERNAL EVALUATION REPORT

Leonardo da Vinci Project

Vocational Qualification Transfer System in
Ecology

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Project Overview

The rationale behind the project is rooted in the existing problem for lack of transparency of qualifications and appropriate measures for its assurance at National or International level. Tackling the increased complexity of modern education, training and learning systems, and the project contributes to the promotion of the European Workspace concept through transparency of certificates, diplomas and qualifications; transferability of competencies; accreditation and recognition.

The main aim of the project is to transfer a relevant and innovative systemic procedure for assurance of international shift of vocational qualifications based on European Qualifications Framework principles and create a broad multi-lingual e-platform for EU target audience.

Its objectives comprise: transfer and further elaboration of methods and procedures for development of ECO-MATRIX Model Competence Matrix; build up of Organizational or Individual Competence Profiles; approbation of ECO-MATRIX model and implementation in mobility; establishment of a partnership with sectoral organizations for embedding the new model at National or European level; valorisation of ECO-MATRIX model.

External Assessment Report

This is the External Assessment Report evaluated the Leonardo da Vinci (LdV) ECO-MATRIX project. It is focused on determining that if non-project partner auditors' evaluation of the project's material outcomes would be deemed to be in line with desired project aims:

- a **review of project materials** particularly focused on objectives and results
- the completion of the external assessment report would reveal if the projects' aims were met and if any deficiencies need to be addressed

Assessment of the ECO-MATRIX Project's Outcomes

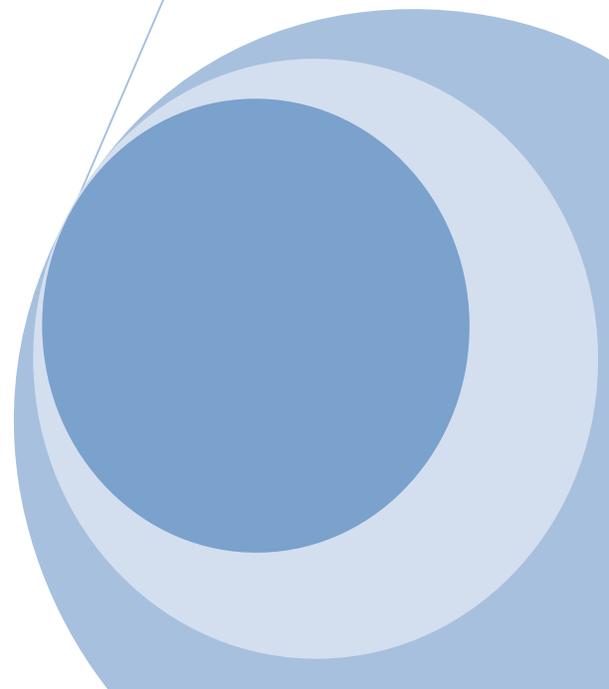
Methodology

- The main objective of the ECO-MATRIX external assessment report is to identify the strengths and weaknesses of the project outcomes at both the interim and final stages.
- External auditors were asked to complete an evaluation sheet covering all aspects of the project and the products. The respondents were asked to rate the questions/statements accuracy by selecting either Yes or No or N/A (not applicable) for sections one and two that dealt the technical and content requirements, respectively. In addition, next to each question/statement was a comment space called “Additional Observations,” where the auditors could write in their own words any thoughts or concerns. In the third section, there are two parts: first where a general statement was made and the auditors were asked if they “Completely Agree,” “Mostly Agree,” “Agree,” “Partially Disagree,” and “Completely Disagree”; the second is a recommendation area where they are asked to put their comments on the following categories: “OK, Some Small Changes Necessary,” “More Substantial Change Necessary,” and “Substantial Changes Necessary.”

Overall Results

- The overall results of the ECO-MATRIX external assessment report appear to be quite successful.
 - Despite some issues regarding the English grammar, formatting, spelling, etc., the overall results are deemed to be positive because the assessment is very positive regarding the content of the material outcomes as they are in line with learning outcomes and useful training tools.
 - The following pages are the assessment reports for the ECO-MATRIX website, leaflet, national reports, e-book and e-learning portal.

Assessment of the ECO-MATRIX's Website



Assessment of the *Website* for ECO-MATRIX's English-based Outcomes

No: 1	Technical Requirements	Yes	No	N/A	Additional Observations
1.1.	Is the material's content written in proper English?	X			There are no serious English issues except for quite a few formatting errors: no space between sentences, no space after commas, no space after parens, etc.
1.2.	Does the material illustratively highlight the key ideas of the project?	X			
1.3.	Does the website repeat and/or summarize the aims of the project (as required)?	X			
1.4.	Is the website consistent with (does not conflict with) other project material outcomes?	X			
1.5.	Are all symbols/text legible?	X			
1.6.	Are high quality colors/pictures/graphics used?	X			For the most part the website is very easy on the eyes except for the home page where there is a colorized chart near the bottom which is not easy to read.
1.7.	Are the proper internationally recognized nomenclature, abbreviations and units of measure used?	X			

Assessment of the *Website* for ECO-MATRIX's English-based Outcomes

No: 2	Content Requirements	Yes	No	N/A	Additional Observations
2.1.	Is the content of the website consistent with the general objectives of the project?	X			
2.2.	Is the content of the website suitable for the target groups and end-users of the project?	X			
2.3.	Does the content of the website provide useful information for the user to best understand/benefit from the training outcomes?	X			It provides a very useful definition of Competence Matrices based on the combination of the project partners' national reports.
2.4.	Does the content of the website provides practical tips and views how to use the content in practice?	X			
2.5.	Does the website content provide sufficient guidance/coverage for practical use and implementation in the management of the competence matrices?	X			
2.6.	Is the website designed on the unit/learning outcomes (LO) principle; including core elements of knowledge, skills and wider competence?			X	
2.7.	Are the units/learning outcomes granted with relevant ECVET points?	X			
2.8.	Do the graphics complement the text?	X			
2.9.	Is the website's content consistent with accepted training methods?			X	

Assessment of the *Website* for ECO-MATRIX's English-based Outcomes

No: 3	General Statement and Recommendations					
3.1.	General Statement	Completely Agree	Mostly Agree	Agree	Partially Disagree	Completely Disagree
	The overall website provides a suitable support for regarding EQF ecological competencies for architects, biologists, chemists and engineers.		X			

Assessment of the *Website* for ECO-MATRIX's English-based Outcomes

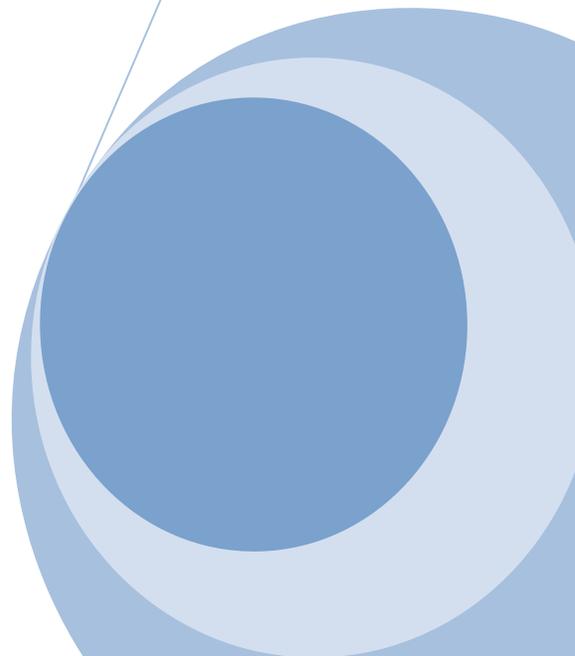
No: 3	General Statements and Recommendations			
3.2.	Recommendations	Okay, Some Small Changes Necessary	More Substantial Changes Necessary	Substantial Changes Necessary
	Recommendation for improving the website for small changes.	<p>For the most part the Website is easy to follow and not overworked. It provides the necessary in a simple and concise manner making it very user friendly.</p> <p>The small changes that should be made regard punctuation as previously mentioned as well as some layout regarding overlapping as well as consistency in style and coloring.</p>		

Auditor: **Annie Downey & M. Kenan Kaya**

Date: **28.10.2013**

Material Type: **Website**

Assessment of the ECO-MATRIX's Leaflet



Assessment of the *Leaflet* for ECO-MATRIX's English-based Outcomes

No: 1	Technical Requirements	Yes	No	N/A	Additional Observations
1.1.	Is the material's content written in proper English?	X			There are no serious English issues.
1.2.	Does the material illustratively highlight the key ideas of the project?	X			
1.3.	Does the leaflet repeat and/or summarize the aims of the project (as required)?	X			
1.4.	Is the leaflet consistent with (does not conflict with) other project material outcomes?	X			
1.5.	Are all symbols/text legible?	X			
1.6.	Are high quality colors/pictures/graphics used?	X			For the most the graphics used are of good quality, however a couple of the project partners logo is not visible there is a picture holding icon.
1.7.	Are the proper internationally recognized nomenclature, abbreviations and units of measure used?	X			VQTS is not defined

Assessment of the *Leaflet* for ECO-MATRIX's English-based Outcomes

No: 2	Content Requirements	Yes	No	N/A	Additional Observations
2.1.	Is the content of the leaflet consistent with the general objectives of the project?	X			
2.2.	Is the content of the leaflet suitable for the target groups and end-users of the project?	X			
2.3.	Does the content of the leaflet provide useful information for the user to best understand/benefit from the training outcomes?			X	
2.4.	Does the content of the leaflet provides practical tips and views how to use the content in practice?			X	
2.5.	Does the leaflet content provide sufficient guidance/coverage for practical use and implementation in the management of the competence matrices?			X	
2.6.	Is the leaflet designed on the unit/learning outcomes (LO) principle; including core elements of knowledge, skills and wider competence?			X	
2.7.	Are the units/learning outcomes granted with relevant ECVET points?			X	
2.8.	Do the graphics complement the text?	X			Yes, there are some good graphics; however, there are some problems with the layout and visibility.
2.9.	Is the leaflet's content consistent with accepted training methods?			X	

Assessment of the *Leaflet* for ECO-MATRIX's English-based Outcomes

No: 3		General Statement and Recommendations				
3.1.	General Statement	Completely Agree	Mostly Agree	Agree	Partially Disagree	Completely Disagree
	The overall leaflet provides a suitable support for regarding EQF ecological competencies for architects, biologists, chemists and engineers.		X			

Assessment of the *Leaflet* for ECO-MATRIX's English-based Outcomes

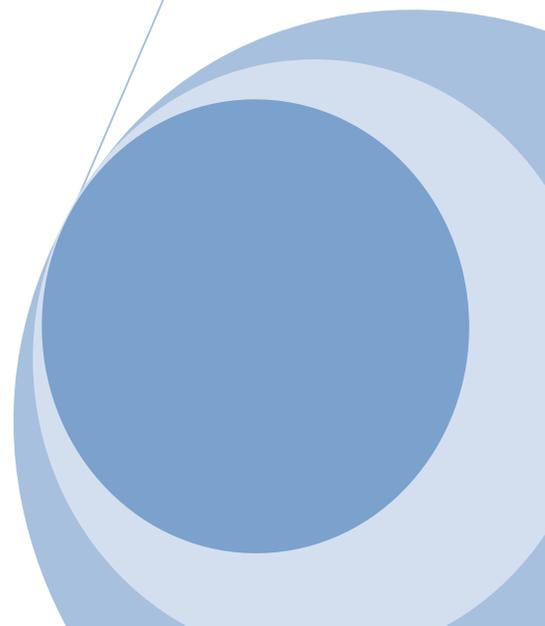
No: 3		General Statement and Recommendations		
3.2.	Recommendations	Okay, Some Small Changes Necessary	More Substantial Changes Necessary	Substantial Changes Necessary
		The small changes that should be made regarding formatting as previously mentioned as well as fixing the graphic elements: please see 1.1; 1.6; 1.7; 2.8 for needed changes		

Auditor: **Annie Downey & M. Kenan Kaya**

Date: **28.10.2013**

Material Type: **Leaflet**

Assessment of the ECO-MATRIX's National Reports



Assessment of the *National Reports* for ECO-MATRIX's English-based Outcomes

No: 1	Technical Requirements	Yes	No	N/A	Additional Observations
1.1.	Is the material's content written in proper English?	X			
1.2.	Does the material illustratively highlight the key ideas of the project?			X	
1.3.	Does the national reports repeat and/or summarize the aims of the project (as required)?			X	
1.4.	Is the national reports consistent with (does not conflict with) other project material outcomes?	X			
1.5.	Are all symbols/text legible?	X			
1.6.	Are high quality colors/pictures/graphics used?			X	There are no graphics in this section.
1.7.	Are the proper internationally recognized nomenclature, abbreviations and units of measure used?	X			

Assessment of the *National Reports* for ECO-MATRIX's English-based Outcomes

No: 2	Content Requirements	Yes	No	N/A	Additional Observations
2.1.	Is the content of the national reports consistent with the general objectives of the project?	X			
2.2.	Is the content of the national reports suitable for the target groups and end-users of the project?	X			

2.3.	Does the content of the national reports provide useful information for the user to best understand/benefit from the training outcomes?			X	
2.4.	Does the content of the national reports provides practical tips and views how to use the content in practice?			X	
2.5.	Does the national reports content provide sufficient guidance/coverage for practical use and implementation in the management of the competence matrices?			X	
2.6.	Is the national reports designed on the unit/learning outcomes (LO) principle; including core elements of knowledge, skills and wider competence?			X	
2.7.	Are the units/learning outcomes granted with relevant ECVET points?			X	
2.8.	Do the graphics complement the text?			X	There are no graphics in this section.
2.9.	Is the national reports's content consistent with accepted training methods?			X	

Assessment of the *National Reports* for ECO-MATRIX's English-based Outcomes

No: 3	General Statement and Recommendations					
3.1.	General Statement	Completely Agree	Mostly Agree	Agree	Partially Disagree	Completely Disagree
	The overall national reports provides a suitable support for regarding EQF ecological competencies for architects, biologists, chemists and engineers.		X			

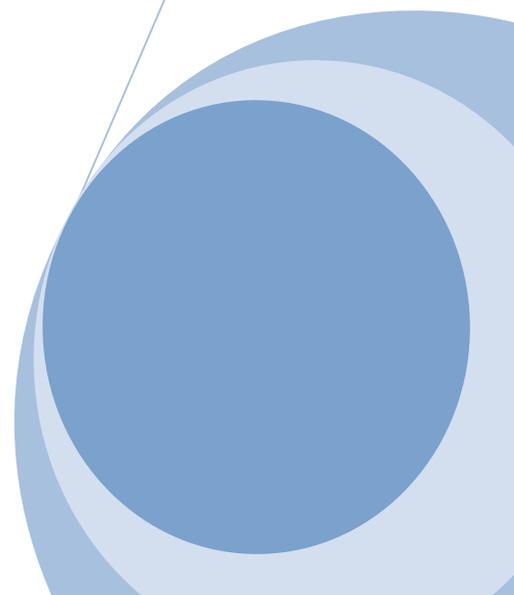
Assessment of the *National Reports* for ECO-MATRIX's English-based Outcomes

No: 3	General Statement and Recommendations			
3.2.	Recommendations	Okay, Some Small Changes Necessary	More Substantial Changes Necessary	Substantial Changes Necessary
		They are mostly serving for the aims of national reports for the specified subject.		

Auditor: Annie Downey & M. Kenan Kaya **Date: 28.10.2013**

Material Type: National reports

Assessment of the ECO-MATRIX's e-Book



Assessment of the *e-Book* for ECO-MATRIX's English-based Outcomes

No: 1	Technical Requirements	Yes	No	N/A	Additional Observations
1.1.	Is the material's content written in proper English?	X			There are no serious English issues except for quite a few formatting errors: spacing between paragraphs, bad page breaks, as well as incorrect usage of underling and perhaps an over usage of bullet points, etc.
1.2.	Does the material illustratively highlight the key ideas of the project?	X			
1.3.	Does the e-book repeat and/or summarize the aims of the project (as required)?	X			
1.4.	Is the e-book consistent with (does not conflict with) other project material outcomes?	X			
1.5.	Are all symbols/text legible?	X			
1.6.	Are high quality colors/pictures/graphics used?	X			For the most the graphics used are of good quality, just too few of them.
1.7.	Are the proper internationally recognized nomenclature, abbreviations and units of measure used?	X			

Assessment of the *e-Book* for ECO-MATRIX's English-based Outcomes

No: 2	Content Requirements	Yes	No	N/A	Additional Observations
2.1.	Is the content of the e-book consistent with the general objectives of the project?	X			
2.2.	Is the content of the e-book suitable for the target groups and end-users of the project?	X			
2.3.	Does the content of the e-book provide useful information for the user to best understand/benefit from the training outcomes?	X			The e-book give a nice overview of how architecture, biology, chemistry and engineering have a roles to play in the subject of ecology
2.4.	Does the content of the e-book provides practical tips and views how to use the content in practice?	X			
2.5.	Does the e-book content provide sufficient guidance/coverage for practical use and implementation in the management of the competence matrices?			X	
2.6.	Is the e-book designed on the unit/learning outcomes (LO) principle; including core elements of knowledge, skills and wider competence?	X			
2.7.	Are the units/learning outcomes granted with relevant ECVET points?	X			
2.8.	Do the graphics complement the text?	X			Yes, there are some good graphics; however, more pictures could be used to break up and illustrate the text.
2.9.	Is the e-book's content consistent with accepted training methods?	X			The main issue is that there are question and answer sections in only 2 of the 4 fields.

Assessment of the *e-Book* for ECO-MATRIX's English-based Outcomes

No: 3		General Statement and Recommendations				
3.1.	General Statement	Completely Agree	Mostly Agree	Agree	Partially Disagree	Completely Disagree
	The overall e-book provides a suitable support for regarding EQF ecological competencies for architects, biologists, chemists and engineers.		X			

Assessment of the *e-Book* for ECO-MATRIX's English-based Outcomes

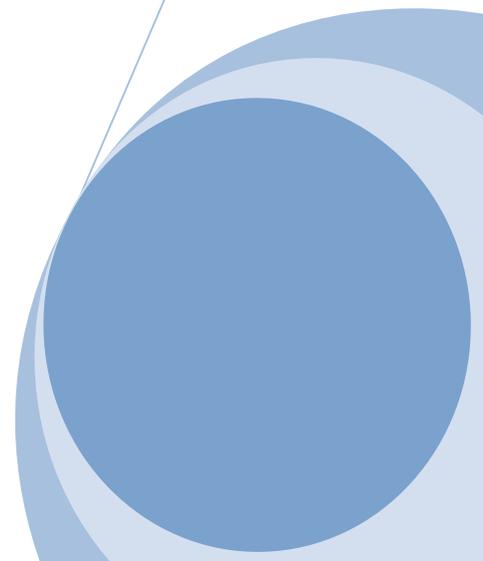
No: 3		General Statement and Recommendations		
3.2.	Recommendations	Okay, Some Small Changes Necessary	More Substantial Changes Necessary	Substantial Changes Necessary
	Recommendation for improving the e-book for small types of changes.	<p>For the most part the E-book is easy to follow. It is fairly consistent except for the question answer section.</p> <p>The small changes that should be made regarding formatting as previously mentioned as well as adding more graphic elements.</p>		

Auditor: **Annie Downey & M. Kenan Kaya**

Date: **28.10.2013**

Material Type: **E-book**

Assessment of the ECO-MATRIX's e-Learning Portal



Assessment of the *e-Learning Portal* for ECO-MATRIX's English-based Outcomes

No: 1	Technical Requirements	Yes	No	N/A	Additional Observations
1.1.	Is the material's content written in proper English?	X			Overall its English is clear.
1.2.	Does the material illustratively highlight the key ideas of the project?	X			
1.3.	Does the e-learning portal repeat and/or summarize the aims of the project (as required)?	X			
1.4.	Is the e-learning portal consistent with (does not conflict with) other project material outcomes?	X			
1.5.	Are all symbols/text legible?	X			
1.6.	Are high quality colors/pictures/graphics used?	X			In some cases – especially in instructional areas more graphics should be used to better illustrate the instructions
1.7.	Are the proper internationally recognized nomenclature, abbreviations and units of measure used?	X			

Assessment of the *e-Learning Portal* for ECO-MATRIX's English-based Outcomes

No: 2	Content Requirements	Yes	No	N/A	Additional Observations
2.1.	Is the content of the e-learning portal consistent with the general objectives of the project?	X			Extremely so. Overall very clear and concise information is provided
2.2.	Is the content of the e-learning portal suitable for the target groups and end-users of the project?	X			Yes, it is very simple and easy to use for the all end users
2.3.	Does the content of the e-learning portal provide useful information for the user to best understand/benefit from the training outcomes?	X			
2.4.	Does the content of the e-learning portal provides practical tips and views how to use the content in practice?	X			There are many learning tips and tools.
2.5.	Does the e-learning portal content provide sufficient guidance/coverage for practical use and implementation in the management of the competence matrices?	X			It does so in great detail
2.6.	Is the e-learning portal designed on the unit/learning outcomes (LO) principle; including core elements of knowledge, skills and wider competence?	X			
2.7.	Are the units/learning outcomes granted with relevant ECVET points?	X			
2.8.	Do the graphics complement the text?	X			Where there are graphics is very compatible with the text.
2.9.	Is the e-learning portal's content consistent with accepted training methods?	X			

Assessment of the *e-Learning Portal* for ECO-MATRIX's English-based Outcomes

No: 3	General Statement and Recommendations					
3.1.	General Statement	Completely Agree	Mostly Agree	Agree	Partially Disagree	Completely Disagree
	The overall e-learning portal provides a suitable support for regarding EQF ecological competencies for architects, biologists, chemists & engineers.		X			

Assessment of the *e-Learning Portal* for ECO-MATRIX's English-based Outcomes

No: 3	General Statement and Recommendations			
3.2.	Recommendations	Okay, Some Small Changes Necessary	More Substantial Changes Necessary	Substantial Changes Necessary
	Recommendation for improving the e-learning portal.		<p>Under the Wikipedia page – the “create a new page” AND search functions are not working properly.</p> <p>Graphic under Assignment Module is too small.</p> <p>Under “4 LESSON MODULE” there are not enough graphics to illustrate how to set up the lesson modules – language is a bit awkward and a step by step (1., 2., etc.) explanation would be better than long form sentence.</p>	

Auditor: Annie Downey & M. Kenan Kaya Date: 28.10.2013 Material Type: E-learning portal