

# Q-PLM - QUALITY ASSURANCE FOR VET PROVIDERS USING **PRODUCT LIFECYCLE MANAGEMENT**



## NEWSLETTER 3

<b>European Programme</b>	Lifelong Learning Programme Leonardo da Vinci Multilateral Projects for Development of Innovation
<b>Project Number</b>	538379-LLP-1-2013-1-AT-LEONARDO-LMP
<b>Duration</b>	1 <sup>st</sup> of October 2013 – 30 <sup>th</sup> of September 2015
<b>Key objective</b>	Development of an IT-based tool for integrated product lifecycle management for VET providers
<b>Website</b>	<a href="http://www.q-plm.eu/en">www.q-plm.eu/en</a>



Active Product Lifecycle Management, including the use of suitable PLM software, is a useful tool for monitoring and controlling the product portfolio of an educational institution. It can be recommended not only for reasons of quality assurance, but also for the facilitation of the product development, for more transparency in the strategic business areas and last but not least for the maintenance of the competitiveness of VET providers.

The Q-PLM project produces an IT-based tool that VET providers can implement to carry out an effective and integrated product lifecycle management. The project analyzes existing software for this function and identifies the variable factors influencing the product lifecycle of a VET offer. The eight project partners from AT, DE, BE, ES, FI, IE, SI and RO developed the software and a handbook, both aimed at active product lifecycle management.

## TARGET GROUPS OF THE Q-PLM SOFTWARE

PLM-software should be used for the coordination of training programs in the VET market and for the control of the processes and product portfolios of the training providers, thus making it easier to monitor and better visualize the business processes and the VET offers and products.

Within the Q-PLM project some hundred European target groups and stakeholders, who will guarantee a sustainable use and exploitation of the project, could be identified within an exploitation questionnaire. The main target groups and stakeholders proposed by the partnership for the exploitative use of the project are as follows:

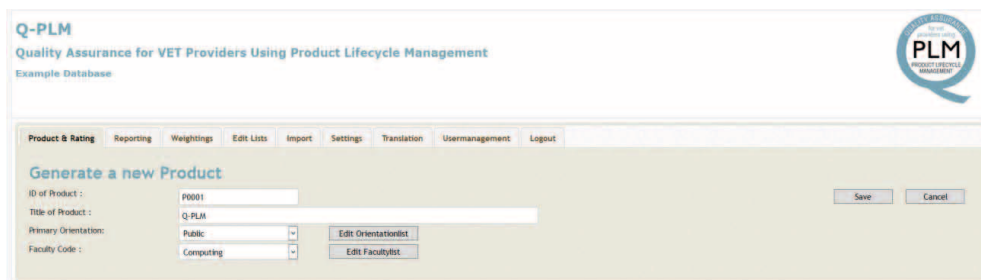
- European networks for the quality assurance in VET, such as the EQARF (The European Quality Assurance Reference Framework)
- European VET- providers at all levels (professional schools, vocational education providers, universities of applied sciences, universities, postgraduate universities...)
- VET providers at all geographic levels: local, regional, national, European
- VET providers participating in European projects
- Management staff in VET organizations
- Head of training centers, schools, universities
- Product developers for VET programs
- Marketing managers in the VET sector
- Members of the national feedback panels
- Members and stakeholders of the partner organizations

## Q-PLM SOFTWARE FOR VET PROVIDERS

For the first time it is possible to show the lifecycle of VET products, the phases of the lifecycle, the key success factors and indicators for PLM in VET for each single training product, for product categories and for faculties within the Q-PLM software. The software allows the reporting and comparison of the ratings of different VET products, different stages of a product, different key success factors and different indicators. Ratings and weightings, as well as different stages of a product, can be combined and compared. Results can be filtered, reported, grouped, broken down to phases, key success factors and indicators.

**To be more specific, the Q-PLM software enables VET providers to:**

- enter individual VET products
- create, weight and rate VET products
- connect individual VET products to product categories
- connect individual VET products to faculties
- edit existing products
- identify different phases of the product development process for VET providers (1. design/decision, 2. development, 3. delivery, 4. evaluation)
- allocate 10 key success factors to each VET product
- evaluate and graduate each key success factor
- allocate 50 indicators to each VET product
- evaluate and graduate each indicator
- create new ratings by using an existing rating
- choose a report or a graphical presentation of the results
- compare two products using different ways of specification and/or filtering
- compare the rating and weighting results of one product by date (product lifecycle)
- export and print the results
- the software exists in all partner languages



**Q-PLM**  
Quality Assurance for VET Providers Using Product Lifecycle Management  
Example Database

Product & Rating Reporting Weightings Edit Lists Import Settings Translation Usermanagement Logout

**Generate a new Product**

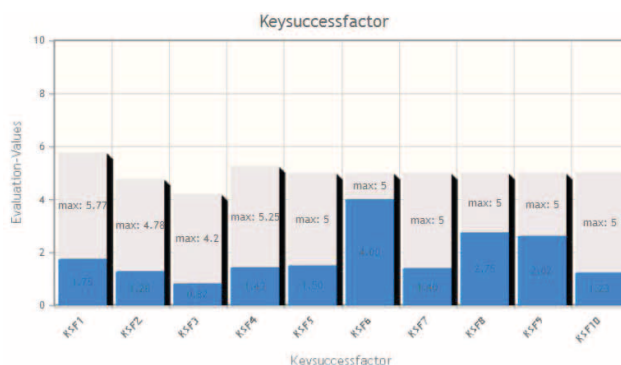
ID of Product:

Title of Product:

Primary Orientation:

Faculty Code:

## Evaluation-Report on Keysuccessfactor with Filter on Product „Word Processing Basics“



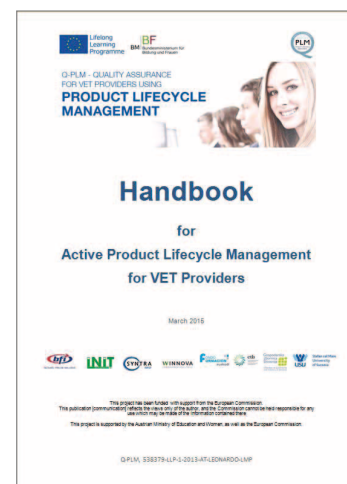
Description	Average Value of Indicators	Average Maximum Reachable Value of Indicator	Number of included Indicators
KSF1: Quality of VET Training :	1.75	5.77	26
KSF2: Customer Satisfaction :	1.28	4.78	18
KSF3: Quality of the Staff :	0.82	4.2	10
KSF4: Responding to Market Demands :	1.43	5.25	28
KSF5: Cost Control :	1.5	5	4
KSF6: Suitability of Infrastructure and Material :	4	5	2
KSF7: Stakeholder Engagement :	1.4	5	10
KSF8: Strategic Provider Benefits :	2.75	5	4
KSF9: Evaluation Mechanisms :	2.62	5	10
KSF10: Appropriate Certification :	1.23	5	8

## THE Q-PLM HANDBOOK

The Q-PLM handbook gives a profound description of the use and application of the Q-PLM software, its technical and functional specifications and its target groups. It describes product lifecycle management as a chance for VET providers to have a better control of the product portfolio. The handbook is already available in all partner languages as a printed version, or is available as a download from the Q-PLM webpage.

## FINAL CONFERENCE IN GRAZ / AUSTRIA IN SEPTEMBER 2015

At the final conference in Graz / Austria in September 2015, the final versions of the products will be presented and made available for wider dissemination throughout the VET sector in Europe.



For further information please take a look at the project website  
[www.q-plm.eu](http://www.q-plm.eu)  
 or join us on Facebook!

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