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Personalised Training System for SMEs



Education and Culture DG

Lifelong Learning Programme

## Third Project Meeting and PeSCoS Genie Test Release

This quarter has been very busy and fruitful for the PeSCoS project. The two main events were:

- The third and final project meeting held in Milan, Italy on the 29th and 30th of May

2012. The meeting was hosted by Eurocrea at Hotel Michelangelo - Via Domenico Scarlatti 33, Piazza Luigi di Savoia, 20124 Milano.

- The test release of the PeSCoS sustainability genie comprising the full functionality of the tool in the English language.

## Meeting Purpose



The purpose of the meeting was to bring all partners up to speed with respect to work already performed on the project and envisaged work for the forthcoming period.

The most important aspect of the envisaged work for the forthcoming months concerns the stability of the PeSCoS Genie functionality and the localization of the all the training content and user interfaces to the languages of the

partners. Then, the assessment will start, first internally and then with the involvement of the target groups in order to obtain the final conclusions for closing the project.

Additional items of the meeting concerned issues relevant to the following work items:

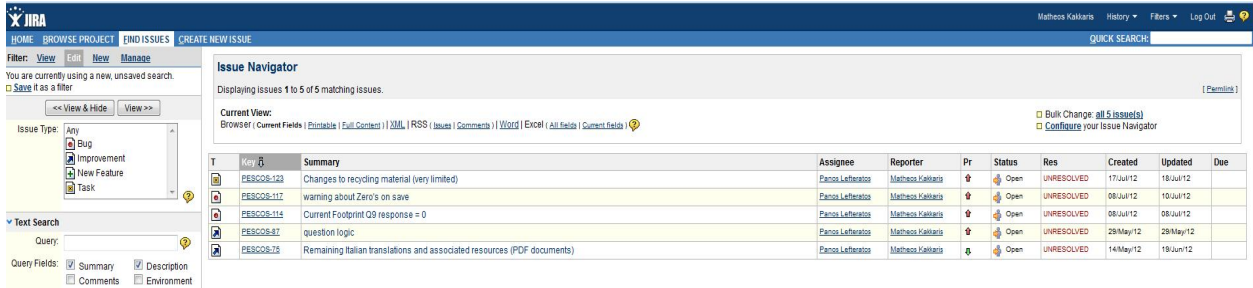
- Finalisation of the footprint reduction algorithms per energy area;
- Testing process for evaluating the test release;

- Translation process for content and user interfaces;
- Development of the test and assessment questions;
- Elaboration of the certification scheme;
- Dissemination material and actions to support the assessment exercises;
- Methodology for executing the assessments;
- Time plan for remaining project activities;
- Financial reporting issues;

## Outcome of the meeting

The partners have successfully concluded to the final functionality to be supported for the assessment release of the PeSCoS tool.

A series of corrections and improvements were discussed and agreed upon and were at the same time recorded in the AVACA incident management tool (JIRA) for processing.



T	Key	Summary	Assignee	Reporter	Pr	Status	Res	Created	Updated	Due
	PESCOS-123	Changes to recycling material (very limited)	Panos Lefteratos	Mathias Kalkara		Open	UNRESOLVED	17/Jul/12	18/Jul/12	
	PESCOS-117	warning about Zero's on save	Panos Lefteratos	Mathias Kalkara		Open	UNRESOLVED	08/Jul/12	10/Jul/12	
	PESCOS-114	Current Footprint Q9 response = 0	Panos Lefteratos	Mathias Kalkara		Open	UNRESOLVED	08/Jul/12	08/Jul/12	
	PESCOS-87	question logic	Panos Lefteratos	Mathias Kalkara		Open	UNRESOLVED	29/May/12	29/May/12	
	PESCOS-75	Remaining Italian translations and associated resources (PDF documents)	Panos Lefteratos	Mathias Kalkara		Open	UNRESOLVED	14/May/12	19/Jun/12	

The translation process, the testing process and the assessment methodology were presented and discussed among the partners who agreed upon the next steps. All decisions are captured on a consolidated action list for the immediate future which reflects the renewed commitment of all partners to the successful completion of the project.

The informal certification scheme to be supported by the project as a further motivational measure for SMEs was also discussed and the partners concluded with regards to its final design and purpose.



## Testing Process for PeSCoS Genie Test Release is now completed

### Purpose

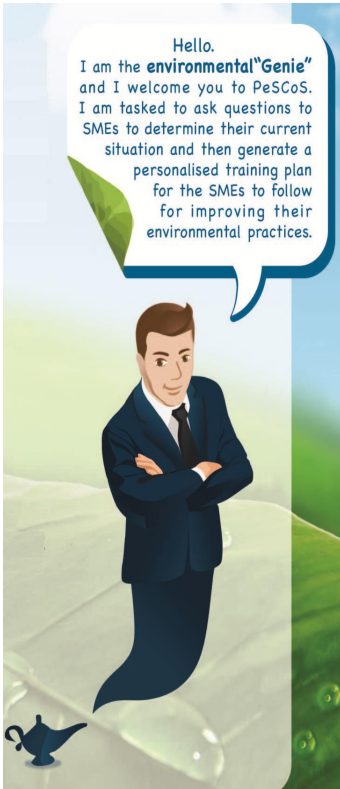
A Test Plan will be used to guide the internal tests carried out by the partners to the test release of the PeSCoS Genie. The purpose of having a test plan is to ensure as much coverage of the tool's functionality as possible in order to obtain adequate

feedback for the improvements that will need to be in place in the assessment release of the tool that will be used for the execution of the assessment exercises with the involvement of SMEs from the target groups.

### Methodology

The methodology for the testing process comprises two parts:

1. The familiarisation of the testers with the PeSCoS Genie as it will be the first time they will have the opportunity to work hands on with the tool and they



will need to understand the look and feel and the application logic behind the supported functionality. For this purpose the test release was accompanied by a guide (D4.2 - PeSCoS Test Release v1.0.doc) with instructions about how to access the footprint calculator, create an account and use the tool, etc. The designated testers should start by accessing the tool following the steps described in the guide.

2. The methodology for the actual testing of the PeSCoS Genie (D4.6 Test Plan V1.0.doc) which follows the following steps:

a. Describes the test

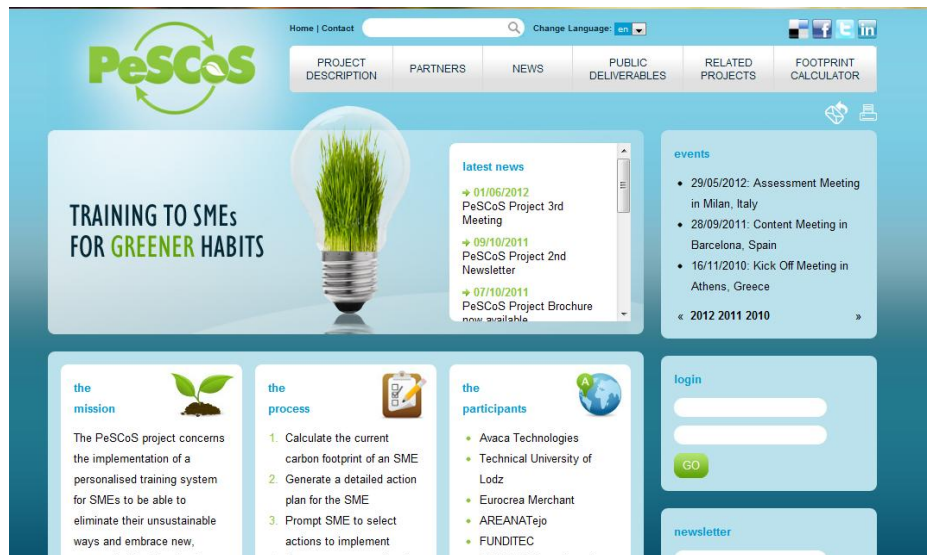
environment

- b. Assigns specific testing responsibilities to each partner (2 energy areas per partner)
- c. Indicates time to be allocated to testing by indicating the envisaged effort
- d. Details the process for reporting issues

## Conclusions

The testing of the tool should be “key driven” where in the majority of cases an action causes a reaction by the tool. It is believed that for the purpose of testing the tool in a structured manner, testers should go through distinct steps following the sequence of questions per energy area and then moving to the action completion and overview functionalities.

Turn GREEN { Recycling Electricity Heating Transportation



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## Assessment Methodology for PeSCoS is now completed

### Purpose

The assessment activities will follow the successful completion of the internal testing (D4.3) leading to the assessment release of the PeSCoS delivery platform (D4.4) accompanied by the assessment material (D4.1) and certification scheme (D4.5) and will serve a dual purpose:

1. On the one hand they help to measure the efficiency of the course and the project in general;
2. On the other hand they serve as a step for acquiring the PeSCoS certification website badge. SMEs will first need to complete successfully the course and this will be demonstrated by the successful completion of the PeSCoS personalised test.

### Methodology

Following the delivery of the assessment release, each partner will be responsible for the first assessment test of the developed training system, to be implemented as follows:

- At least three staff persons need to be involved: they should register in the website and act as end-users of the platform, i.e. representatives of three SMEs working in three different sectors (e.g. manufacturing, services, retail etc)
  - They should try the system in all its aspects:
    1. First of all the footprint calculator and its features: Current Footprint, Transport, Electricity, Heating, Recycling;
    2. Secondly the feedback from the environmental "Genie"
    3. Thirdly the provided training
    4. Finally the technical aspects: user-friendliness, ease of navigation, accessibility, adaptability to different sectors and situations.
  - The staff involved will fill in an evaluation questionnaire and send their comments to the project coordinator, that

will implement, with the collaboration of the other members of the consortium, all the necessary improvements.

Then, the actual assessment will be organised by each of the participating partners (in Poland, Italy, Portugal, Spain, Netherlands).

Each partner is responsible to organise one assessment exercise.

The partners can choose different approach depending on their relations with the target group and their specific needs and constraints.

They in particular will contact representatives of SMEs via email, telephone, web tools, visit in person. The partners will also take part in relevant public events where SMEs are attendees and/or promoters.

Finally, they will organize workshops, events, seminars and other ad hoc events in order to involve the final beneficiaries of the project in the assessment activities.




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*"The PeSCoS project concerns the implementation of a personalised training system for SMEs to be able to eliminate their unsustainable ways and embrace new, greener habit"*



## Design of the PeSCoS Informal Certification

### Scheme is now agreed upon

The finalization of the PeSCoS informal certification scheme was discussed during the third meeting.

#### Purpose

It is not eligible to claim that the tool will make a full-proof calculation of the carbon footprint before and after the application of actions for its reduction and as such it is not

in the best interest of the project to claim any kind of "certification" in this respect.

Instead, it is more appropriate to make a specialization of the website badge idea. So, the partners agreed upon the direction of the website badge for an informal certification. The SMEs that will be awarded a website badge will be

mentioned in a special page on the PeSCoS website in order to act as a motivational factor for SMEs to follow the PeSCoS training system.

#### Design Considerations

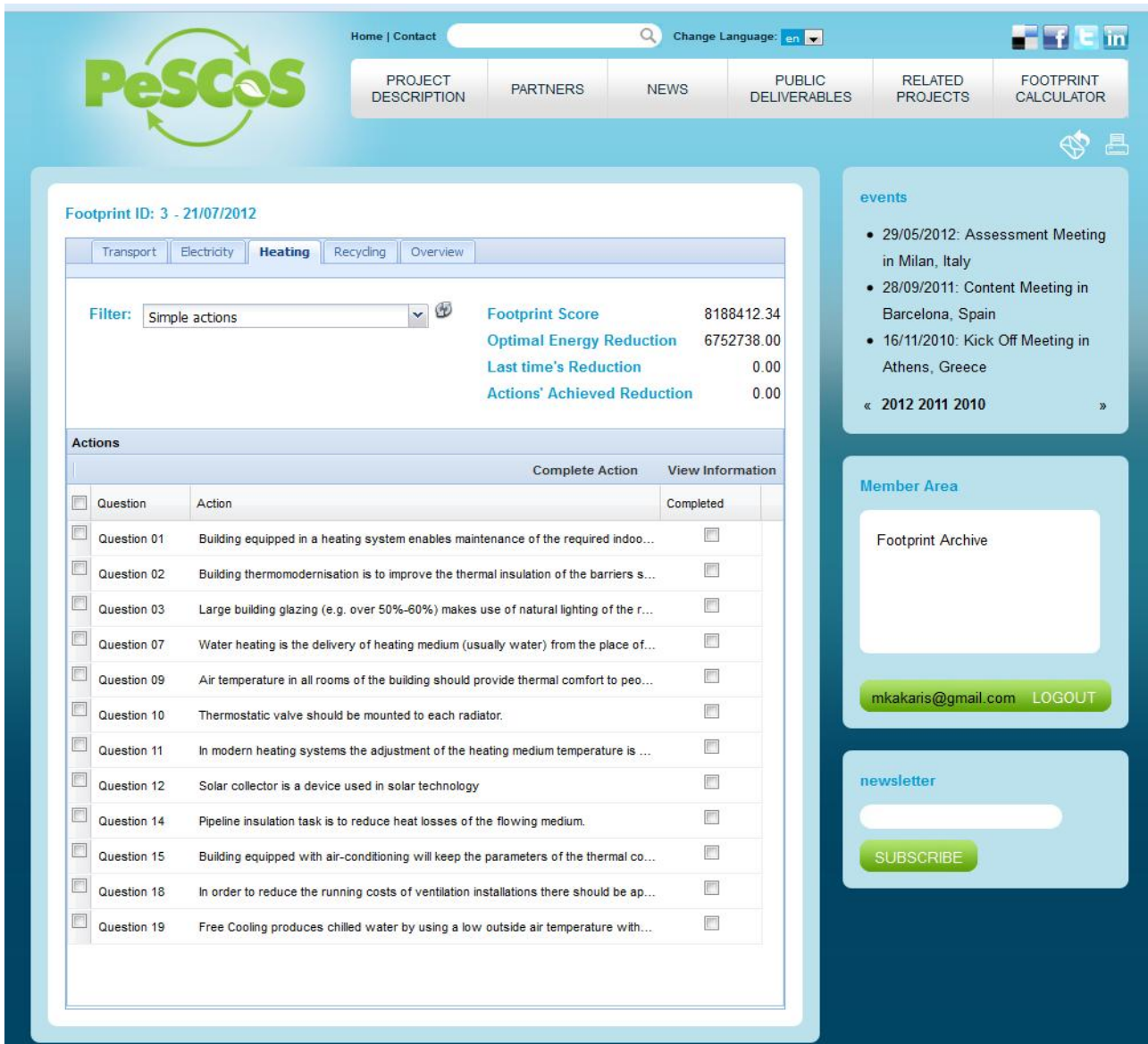
Based on the concept of a website badge, a design for the badge was presented in three different 'flavours' (bronze, silver, gold).



## PeSCoS Test Release is now accessible



The PeSCoS Test Release is now accessible via the project website ([www.pescos.eu](http://www.pescos.eu)). It features the complete functionality of the tool in the English language. The tool is accessible to both registered and unregistered users. Unregistered users however cannot persist their calculated footprint for each of the energy areas.



The screenshot shows the PeSCoS website interface. At the top, there is a navigation menu with links for PROJECT DESCRIPTION, PARTNERS, NEWS, PUBLIC DELIVERABLES, RELATED PROJECTS, and FOOTPRINT CALCULATOR. The main content area displays the 'Footprint ID: 3 - 21/07/2012' and a filter set to 'Simple actions'. The 'Heating' section is active, showing a 'Footprint Score' of 8188412.34, 'Optimal Energy Reduction' of 6752738.00, 'Last time's Reduction' of 0.00, and 'Actions' Achieved Reduction' of 0.00. Below this is a table of actions with columns for 'Question', 'Action', 'Complete Action', and 'View Information'.

Question	Action	Complete Action	View Information
Question 01	Building equipped in a heating system enables maintenance of the required indoor...	<input type="checkbox"/>	Completed
Question 02	Building thermomodernisation is to improve the thermal insulation of the barriers s...	<input type="checkbox"/>	Completed
Question 03	Large building glazing (e.g. over 50%-60%) makes use of natural lighting of the r...	<input type="checkbox"/>	Completed
Question 07	Water heating is the delivery of heating medium (usually water) from the place of...	<input type="checkbox"/>	Completed
Question 09	Air temperature in all rooms of the building should provide thermal comfort to peo...	<input type="checkbox"/>	Completed
Question 10	Thermostatic valve should be mounted to each radiator.	<input type="checkbox"/>	Completed
Question 11	In modern heating systems the adjustment of the heating medium temperature is ...	<input type="checkbox"/>	Completed
Question 12	Solar collector is a device used in solar technology	<input type="checkbox"/>	Completed
Question 14	Pipeline insulation task is to reduce heat losses of the flowing medium.	<input type="checkbox"/>	Completed
Question 15	Building equipped with air-conditioning will keep the parameters of the thermal co...	<input type="checkbox"/>	Completed
Question 18	In order to reduce the running costs of ventilation installations there should be ap...	<input type="checkbox"/>	Completed
Question 19	Free Cooling produces chilled water by using a low outside air temperature with...	<input type="checkbox"/>	Completed

On the right side of the interface, there is an 'events' section listing several meetings, a 'Member Area' with a 'Footprint Archive' link and a 'LOGOUT' button for user 'mkakaris@gmail.com', and a 'newsletter' section with a 'SUBSCRIBE' button.

More  
information

Visit our WEBSITE  
[www.pescos.eu](http://www.pescos.eu)

for more information  
about the project, to  
subscribe to our  
mailing list and receive  
our newsletter.



## PeSCoS Consortium

The PeSCoS consortium is made of 7 European organisations experienced in transnational projects promoting sustainable development:



wij zijn koel.nl  
[www.wijzijenkoel.nl](http://www.wijzijenkoel.nl)



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[www.eurocreamerchant.it](http://www.eurocreamerchant.it)

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consultancies

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Project Coordinator:

**avaca**  
TECHNOLOGIES

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Delicious Stack: PeSCoS -  
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Coaching for SMEs



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- Personalised Sustainability  
Coaching for SMEs



Queries about the  
project:  
[info@pescos.eu](mailto:info@pescos.eu)



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