



DIGITAL AND ENVIRONMENTAL SKILLS FOR FACILITY MANAGEMENT

OVERVIEW OF PROJECT TASKS COMPLETED
IN THE 1ST SEMESTER,
1 October 2016 to 31 March 2017

DATE: 27 MARCH 2017
Prepared by: BGFMA





ABOUT THE DEFMA PROJECT

Project Start Date - October 1st, 2016

Project End Date - March 31, 2019

Duration in months - 30 months

Project code 2016 -1-UK01-KA202-024420

DEFMA is being implemented by a partnership of five partners from five countries. The composition of the consortium guarantees that all aspects of the work plan are carried out in a competent way, ensuring high quality outcomes and efficient and effective working methods.

The Consortium of the DEFMA project consists of the following organizations:

1. **SWC** - South West College, United Kingdom
2. **PROMEIA** - The Hellenic Society for the Promotion of Research and Development Methodologies, Greece
3. **SNS** - Scuola Nazionale Servizi Foundation alongside Facility Management companies, Italy
4. **BGFMA** - Bulgarian Facility Management Association, Bulgaria
5. **VSRC** - Vilnius Builders Training Centre, Lithuania





NEEDS ADDRESSED BY THE DEFMA PROJECT

Facility managers, apart from technical and management competencies, require a combination of digital and environmental skills to be able to maintain high-performance buildings capable of significantly reducing energy and water consumption. There is thus an increasing need to equip facilities managers with the skills and capacities required to:

- a) support carbon emission reduction measures,
- b) monitor resources consumption,
- c) use “smart” building controls and up-to-date environmental technology systems (e.g. building automation),
- d) identify energy losses and water leaks, rectify small faults, and carry out simple maintenances.

The project will address this challenge by increasing the relevance of VET provision for facilities managers to match their competences and skills with environmental and sustainability needs of the built environment and promote employability and mobility within the sector.





AIMS & OBJECTIVES OF THE DEFMA PROJECT

The aim of DEFMA project is to form a Strategic Partnership to modernise and enrich the current vocational educational and training of the facilities management workforce in Europe. The specific objectives are to:

- Enhance labour market relevance of VET for facilities managers to address digital and “green” needs, by designing an innovative and comprehensive training course in environmental technologies and sustainability issues.
- Introduce modern training delivery methods and innovative open access pedagogical resources, enabling learners to acquire and self-assess digital and environmental skills.
- Facilitate mutual recognition of the developed learning outcomes and establish a framework towards an EU “green” qualification for facilities managers.





TARGET GROUPS & AUDIENCES

The target groups (or target audiences) of DEFMA comprise organisations and individuals who can benefit from any project result; more specifically, the core target groups of the project are:

- Facility managers in need of C-VET
- Initial VET students aspiring to work as facility managers
- VET providers
- Sector representatives and associations of employees





DISSEMINATION CHANNELS AND ACTIVITIES

- Social Media platforms, incl. Facebook, LinkedIn and Twitter;
- Multiplier events;
 - Demonstration workshops;
 - National Information Days;
- Participation in third party events;
- Online communication activities, incl. e-mail campaign, digital presentation, project website, press releases;
- Face-to-face activities.





DISSEMINATION PRODUCTS

Project logo

BGFMA has designed and developed the project logo:



Project website

BGFMA has designed and developed the project website, which provides detailed information about the project and increases its visibility: www.defma-project.eu

Development of social media pages

PROMEA has developed and communicated the following project-related social media pages:





DEFMA ACTIVITIES PERFORMED - 1ST SEMESTER

Kick – off meeting

The Kick-off Meeting (KOM) of the DEFMA project was hosted by SWC in Enniskillen, Northern Ireland, on the 11th and 12th October 2016, with the participation of all project partners.

Participants delivered presentations in each session, addressing all aspects of the activities described in the DEFMA Application Form (AF). During each session, active discussion took place, enabling the consortium to understand the issues and reach decisions by consensus. The meeting concluded with a sum-up of first semester and imminent tasks and activities.



Photo of the DEFMA partners during the KOM





DEFMA ACTIVITIES PERFORMED - 1ST SEMESTER

Intellectual Output 1

- ❑ **Purpose:** Output 1 provides VET providers across the EU with an insight into the most recent and future workplace requirements for facility managers. The purpose of this output is to make available up-to-date, tailor-suited to occupational needs, modern “environmental” learning outcomes, appropriate to be integrated into existing VET offerings for FM workers.
- ❑ **Collection of training information on environmental technologies and sustainable building services.** The activity comprises desk and field research on current and future workplace requirements in terms of digital and environmental skills for facility managers. The desk research has been conducted as a complementary means of information collection on environmental technologies and sustainable building services training requirements. The field research methodology employed online questionnaires (in Google Forms) distributed to relative target groups at all DEFMA partner countries.





DEFMA ACTIVITIES PERFORMED - 1ST SEMESTER

Intellectual Output 1 -Results

SNS has compiled the collected information by all partners and has performed analysis of the results of the field research which can be summarized as follows:

- ❑ Almost all respondents recognized ‘Awareness of available technology identification of a selection of best practices’ as an important aspect of training in monitoring resources consumption technologies;
- ❑ The majority of the respondents responded that training in energy monitoring and saving technologies is very relevant.
- ❑ A wide part of the interviewed audience believe that the availability of VET courses on environment/energy saving for facility managers is insufficient;
- ❑ The Module to include within a training course in order to improve the knowledge and skills of facility managers is “Foundations in environmental management and sustainability principles”, closely followed by “Latest low & zero carbon generating technologies for buildings” and “Overview of environmental and energy legislation for buildings and the impact on FM operations”.





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