

NEWS AND VIEWS

The rapid and unprecedented aging of the European population is basically a milestone in the history of mankind and presents new challenges not only for society, health and long-term care systems but also for economy, welfare systems, and physical environments that should be adapted to the needs of older adults.

ABOUT ESSENSE

ESSENSE is an EU Erasmus+ project for the Education Supporting Smart ENvironments for SENiors, bringing together partners in Germany, Slovenia, Spain and Republic of North Macedonia.

Welcome to the official newsletter of the Essense project co-funded by the European Commission under the Erasmus+ KA2 programme that aims to develop and implement a common curriculum and learning approach on BIM towards the design, construction and management of public and private environments for older adults that will meet the learning needs of Higher Education students.

Through this project we will deliver the following results in four regions across Europe:

Intellectual Output 1 An analysis of the situation and evolution of Smart Housing and Ambient Assisted Living within the Building Information Modelling (BIM) Method.

Intellectual Output 2 An educational philosophy and a joint curriculum, focused on modernizing the building industry through digital managerial tools and the needs of an ageing society.

Intellectual Output 3 Essense educational collaborative platform
Target users will have access to the developed content and will share experiences.

Intellectual Output 4 Didactic resources addressing the following topics:
(1) BIM, Smart housing, ALL principles and their interaction, (2) Needs of the senior citizens/caretakers, (3) transversal and non-technical competences needed for an optimum implementation of BIM and AAL.

Intellectual Output 5 A blueprint for the transformation of building related higher education programs according to new management tools towards an ageing society.

THE ESSENSE PARTNERS

Essense brings together seven partners from four different countries: Germany, Slovenia, Spain and Republic of North Macedonia with complementary disciplines and with the necessary skills and background related to BIM, project management, ageing, Information and Communication Technologies as well as smart Housing and Ambient Assisted living.

[More information about the partnership](#)

Coordinator:



KIT – Karlsruhe Institute für Technologie
(Germany)

Partners:



Ageing Lab –
Fundación Ageing
Social Lab (Spain)



CETEM – Centro
Tecnológico del
Mueble y la Madera
(Spain)



alfatraining
Bildungszentrum GmbH
(Germany)



Ss. Cyril and Methodius
University in Skopje
(Republic of North
Macedonia)



buildingSMART
Germany e.V.
(Germany)



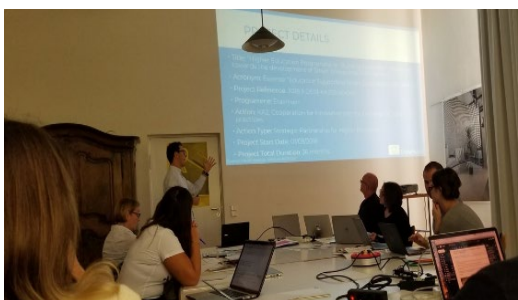
Univerza Na Primorskem-
Univesita del Litorale
(Slovenia)

TRANSNATIONAL PARTNERS MEETINGS

Spotlight on Essense Regional Partner Meetings held in Karlsruhe, Germany and Yecla, Spain.

Partner Meeting in Karlsruhe, Germany

Our 1st partner meeting was hosted by Karlsruhe Institut für Technologie (KIT), Germany on September 2018. Our partners from Germany, Slovenia, Spain and North Macedonia introduced each other. Furthermore, the output leaders gave a wide picture of each intellectual output and the first version of the Dissemination and Exploitation and the Quality and Risk plans was showed. Besides, it was prepared an accurate plan for developing the tasks of the first output.



Partner Meeting in Yecla, Spain

Our 2nd partner meeting was hosted by CETEM (Centro tecnológico del Mueble y la Madera) in Yecla, Spain, on April, 2019. Our partners from Germany, Slovenia, Spain and North Macedonia got serious progress. In this meeting was established; the presentation of the results from the analysis of the intellectual Output 1, the plan for the joint curriculum delivery and a consensuated definition of the educational philosophy.



UPCOMING EVENTS

The next transnational meeting will be held in Jaén, Spain on the 11th and 12th November. This meeting will be organized by Ageing Lab. The project partners will meet to discuss the developments of the intellectual output 2, 3, 4 and 5 about the results obtained so far.

[More Information](#)

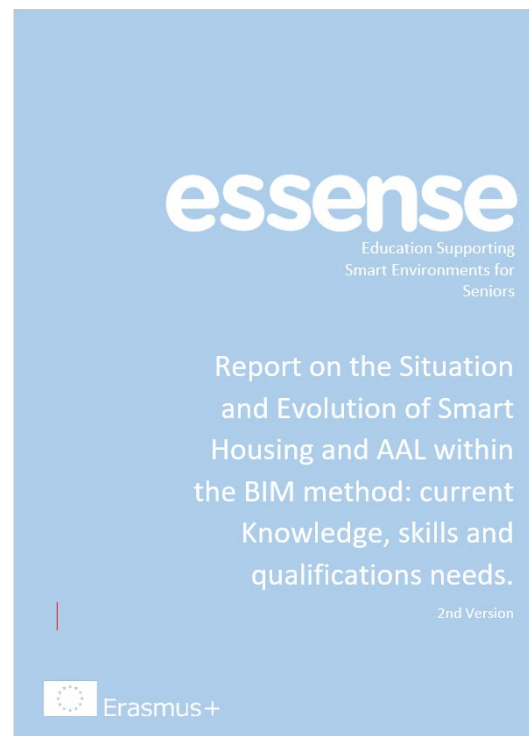
INTELLECTUAL OUTPUT 1

The partners of Essense have finished the analysis of the situation and evolution of smart housing and AAL within the BIM method. As a result of this review a report on the first output has been issued: “Report on the Situation and Evolution of Smart Housing and AAL within the BIM method: current Knowledge, skills and qualifications needs.” The report is available for download in five languages on the [Essense website](#).

The principal aim of this report is to raise awareness among the Architecture, Engineering and Construction industry, the educational community, and local and regional authorities about the benefits of both: BIM processes and smart assisted living environments, which will promote the training curriculum to future students and may influence local and regional policies and plans.

Additionally, in order to know the current status of Smart Housing and AAL within the BIM method this study also comprises the identification and further analysis of real study cases that may be considered as good examples of environments for an active, healthy and positive ageing and the use of AAL principles. Also, to identify skills, knowledge and competences needed for the use of BIM.

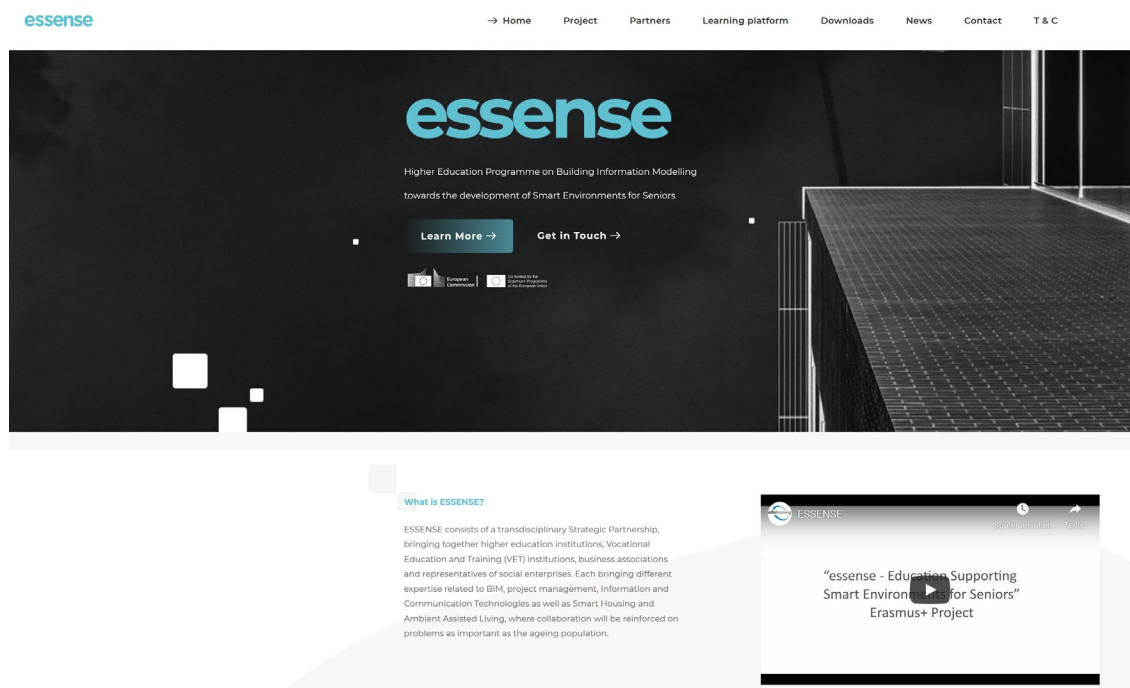
[More Information and download](#)



OUR WEBSITE

GET INVOLVED! Visit us to know more about ESSENSE!

Our [ESSENSE website](#) is designed to promote ongoing knowledge exchange among Higher Education students from building related sectors (architects, engineers, BIM managers, facility managers and interior designers and ageing). Our web is a hub of learning designed to encourage all stakeholders to develop high-quality skills and competences of the target users and it will incorporate flexible and modular educational programs that will be adapted to the needs of mature students and workers.



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