



## BIM-Integration in Higher and Continuing Education



CBC 2014-20:  
SOUTH-EAST FINLAN

Funded by  
the EU, Rus  
and Finlan

LAB University of  
Applied Sciences



### Welcome to read the first BIM-ICE Newsletter!

In April 2020, the BIM-ICE project took its first steps. The objective of the project is to improve productivity and quality within the construction industry by developing new training models and increasing the level of education among target groups.

This newsletter will give an overview on what has been achieved during the first nine months and what will happen next. Enjoy!

This is what happened in BIM-ICE in 2020



### Civil Engineering Summer School

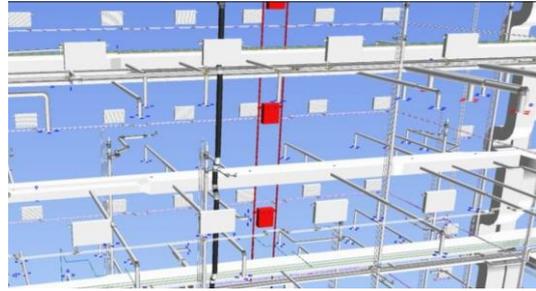
Summer School in LAB University of Applied Sciences offered work places to students and enhanced students' knowledge about actual topics. Students worked at real civil engineering development projects offered by clients, teachers and staff.

Take a look at the results!

## Digital prototypes by SPbGASU students

SPbGASU students developed digital prototypes of the engineering systems for a public health facility in the scope of BIM ICE Project.

Read more [here!](#)



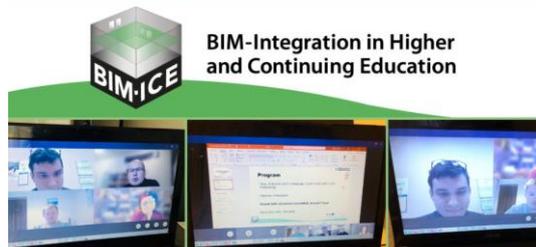
## BIM on ICE Case Championship

A successful BIM Pilot Project with students within BIM-ICE Project *BIM on ICE Case Championship* (<http://icecase2020.spbgasu.ru/>) was launched in 2020 and starting from April 2020 it was realized within BIM-ICE Project WP2. Read more [here](#).

## BIM-ICE Opening event

The opening seminar of the BIM-ICE Project on October 29, 2020 and the round table discussion “Possibilities of Education in Promoting BIM Implementation in Companies” on December 2, 2020 were held online in Zoom and MS Teams.

[Here's](#) what was discussed.





## **BIMAC 2020**

The 3rd International Conference “BIM in Construction and Architecture” (BIMAC 2020; <http://bim.conf.spbgasu.ru/en/>) was held on October 28-30, 2020. This year the event was held online on the Zoom platform within the scope of the BIM-ICE project (WP4). Read more [here!](#)

### **SPbGASU students create design of the residential building in the scope of the BIM elective course**

On October-December 2020 the [BIM elective course](#) was held at SPbGASU within the framework of the international BIM-ICE project (WP2). The course was targeted at the third-year Bachelor students. The main goal was organizing simulation practice with students, giving them basic knowledge and skills in modeling and working with BIM tools, as well as boosting their teamwork professional qualities.





## **BIM-Championship in SPbGASU**

On November 23-28, 2020

SPbGASU held **the BIM-Championship**

(<http://projectoffice.spbgasu.ru/>) in a distant mode. The Championship was organized in the scope of the BIM-ICE Project (WP2) as a pilot student project.

Read more [here](#).

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## **Developing BIM-education in collaboration with companies**

Our goal is to develop BIM-education based on the needs of the construction sector, and we invite Finnish and Russian companies to collaborate with us. Five companies have already started collaboration with us: Sova 3D Oy, Rakennusliike U. Lipsanen Oy, xD Visuals Oy, YIT Construction and Metropolis Company.

Are you interested? There are multiple ways to get involved and many possible benefits that companies can gain. [Read more](#) and contact us!

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## **Upcoming in the BIM-ICE project**

Next year the BIM-ICE project will focus on creating and piloting courses for higher education students and professionals. We will also start to gather information about the use of BIM and BIM-education in other countries for benchmarking.

Before this, we wish you relaxing holidays and a delightful New Year 2021!



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