

## **Dramatic Time and Cost Savings Demonstrated at Build Hospital Live 2009**

*Oslo, Norway, and Pasadena, California - Oct 5, 2009*

Seventy architects, planners, engineers, facility managers, building owners and industry experts from 14 countries completed the planning and design of a Norwegian hospital in 72 hours. BuildHospitalLive 2009 fostered collaboration using open standards in the medical industry. Participants accomplished in three days what would have taken months in a regular project setting.

Tonsberg Hospital / Vestfold Hospital Trust part of the South-Eastern Norway Regional Health Authority allowed the use of architect C.F. Moller's architectural plans for the event. The participating teams used the program requirements and plans as a starting point to design a 240 bed, 18,000 square meter hospital wing.

Hospital planning is one of the most complex and time consuming project types. To foster collaboration and remove obstacles that are present in actual project settings, BuildHospitalLive was opened to industry participants to explore the potential and push the envelope using the latest tools. Technologies and processes supported by open standards and buildingSMART such as Building Information Modeling, Geographic Information Systems, cloud computing and BIMStorms all enabled this level of interaction to happen.

The challenges of sustainability and inherent inefficiencies in the building industry call for major changes in the way we design, construct and operate facilities. BuildHospitalLive was created as a catalyst for this change. buildingSMART enables new ways of collaborating and sharing information which result in more integrated work processes that can change or even revolutionize the way we design and plan hospitals today.

The physical location of the event was at the ByggReisDeg industry fair in Oslo. Global participants contributed in real-time via the internet. The results of BuildHospitalLive were presented at the Sustainability and buildingSMART conference and broadcast around the world. Certificates of participation were awarded to 23 teams with three teams receiving honorable mention: <http://tinyurl.com/ydpqas9>. Teams were encouraged to participate at many levels, including viewing and providing input to actively engaging in the design and engineering of the project.

Teams will reassemble for BuildHospitalLive in December 2009 for the AEC Ecobuild Conference Washington DC in cooperation with the buildingSMART alliance North America. A new project site will be selected in the Washington, DC area, building on the process that began in Oslo.

The technical organizers of the BuildHospitalLive event were Kimon Onuma, FAIA from Onuma Inc., USA and Lars Chr Christensen from multiBIM, Norway. The primary sponsor was ByggReisDeg.

### *About BuildHospitalLive:*

BuildHospitalLive is a digital classroom and laboratory for the AEC industry and demonstrates that buildingSMART, BIM and openBIM enable improved project execution and product quality. BuildHospitalLive was initiated by the Norwegian buildingSMART project and the ByggReisDeg construction industry fair organizers.

More information here: <http://www.BuildHospitalLive.com>

### *About the buildingSMART:*

buildingSMART is an international organization that supports the use of open standards in the building industry and expands on goals of the International Alliance for Interoperability (IAI), whose Industry Foundation Classes (IFCs) have initiated open standards for national and international links among industry players.

### *About BIMStorms:*

BIMStorms are virtual online events involving many participants worldwide in condensed scenarios for project planning. 16 BIMStorms have been completed so far with over 3000 participants from around the world. BuildHospitalLive was based on the BIMStorms.

More information here: <http://BIMStorm.com>

### *Additional Information:*

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