



Press release

ICE BOX Challenge Sweden 2025 - First time students from five Swedish universities compete to build the most energy efficient and sustainable mini-house

For the first time ever, students from five different Swedish universities will participate in the international competition ICE BOX Challenge, where they compete to build the most sustainable and energy efficient mini-house.

The ICE BOX Challenge is a global initiative that has been organized in over 17 cities worldwide for the past 18 years and aims to raise awareness of sustainable construction and energy efficiency.

The competition, which integrates five of the UN's Sustainable Development Goals, involves storing two one-tonne blocks of ice in a purpose-built mini-house for a month. One of the houses is built according to national energy standards, while the other is a sustainable, energy-efficient and circular house with the lowest possible climate impact. At the end of the competition, which will take place during a ceremony on 6 June 2025, the mini-houses will be opened to measure how much of the ice has melted in each house. The results clearly visualize how different building standards affect energy consumption and sustainability.

This year's competition in Sweden is particularly exciting as students from five Swedish universities will be involved in the design and construction of ten different ICE BOXES. This gives students a unique opportunity to put their knowledge of sustainable construction and energy efficiency into practice, while competing to create the most energy efficient house. The competing universities are located in different climate zones from Växjö, Stockholm, Borlänge, Östersund up to Luleå.

The mini-houses will be placed in the centre of the five university cities, where they will be accessible to the public during the competition. The final ceremony and measurement of the ice blocks will be held on 6 June 2025, where the results of the ten mini-houses will be announced. Each of the five cities will host their boxes.

The highlight will be the main ceremony in Stockholm, where an international jury will select the winning student group.

The ICE BOX Challenge has previously received a lot of international attention and has become an effective way to increase public understanding of the importance of energy efficiency and sustainable construction. We look forward to following this initiative in Sweden and experiencing the innovative solutions that the students will present.





For more information about the ICE BOX Challenge and the competition in Sweden, please contact:

Simone Kreutzer Wesslund

IG Passive House Sweden

info@iceboxchallenge.se

www.iceboxchallenge.se

Tel: +46-709-123096

About the ICE BOX Challenge

The ICE BOX Challenge is an international event that aims to demonstrate the impact of sustainable construction and energy efficiency. The event has been held in major cities around the world and is based on a visual experiment where ice blocks are stored in different types of buildings to show how energy-efficient constructions can affect energy consumption and thus climate change.

