

Education close to zero energy constructions: “Energy lift” (“Energilyftet”)

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A Summary

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The Education close to zero energy constructions: Energy Lift, is an effort, taking the form of webinars, seminars and courses from the Swedish Energy Agency to prepare the construction sector for future requirements for near-zero energy buildings. The competence enhancing efforts are aimed at clients, engineers, architects, construction project managers, consultants and technical managers. Energy Offices coordinate the education to disseminate knowledge about energy-efficient construction and renovation.

The *Education close to zero energy constructions: Energy Lift* is an effort from the Swedish Energy Agency to prepare the construction sector for future requirements for near-zero energy buildings (NNE standard), which has been started being implemented gradually from 2021.

The latter was done in order to achieve Sweden's energy and climate goals, hence major efforts are being made on energy efficiency and increased use of renewable energy. This effort ensures that all new buildings have very low energy consumption and at the same time, energy use in existing buildings must be drastically reduced. All actors in the construction industry should be aware of the energy goals and to understand how their work affects the performance of the building's energy performance, in order to promote low energy buildings. This initiative intends to provide a holistic view of the construction process linked to low energy building in terms of new production and renovation.

The latter also explains what differences it involves building and renovating low energy buildings in comparison with conventional buildings. The Energy Agency's knowledge-enhancing efforts are seen as an increase in knowledge, based on the fact that each occupational group in the target group has basic knowledge in property management, construction processes, installation technology and more.

The budget being allocated to this is around 450 000 Euros per year. People through all stages of the construction process have participated. Information and working methods are spreading. This will make it easier for us to reach the goal of close to zero energy housing.

The total number of participants in the Energy Charter against near zero energy houses reaches 1643 people registered on the web course, 749 people attending seminars and 352 people have completed their course certificate. Potential for transmission is good. It is an advantage if there are regional actors who can market the concept for the target group.