

Sound insulation requirements in the Nordic countries - Fit for a "sustainable" future?

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All Nordic countries have sound insulation requirements for housing and sound classification schemes originating from a common INSTA-proposal in the mid 90's, but unfortunately being increasingly diversified since then. The present situation impedes development and create barriers for trade and exchange of experience at a time, where cooperation is needed more than before due to the challenges related to defining appropriate acoustic requirements for comfortable light-weight housing. There seems to be a high interest for all parties involved in the building process to change the situation.

Examples of current projects and initiatives are:

AkuLite - Sound and vibrations in lightweight buildings (Swedish project 2009-2012)

<http://www.sp.se/sv/index/services/sptrateklibrary/newsletter/Documents/Nr%2030%20dec%2009%20NY.pdf>

<http://www.vinnova.se/upload/EPiStorePDF/vi-10-03.pdf> (Pilot study, p.83)

Silent Spaces, Interreg IV project (Swedish-Danish project 2010-2013)

<http://www.interreg-oks.eu/en/Menu/Projects/Project+List/Silent+Spaces>

Integrating and Harmonizing Sound Insulation Aspects in Sustainable Urban Housing Constructions

COST Action TU0901 (European network 2009-2013, 26 countries)

http://w3.cost.esf.org/index.php?id=240&action_number=TU0901