

<b>Title of the measure:</b>	NOR5 Energy efficient low energy houses (Energibruk i boliger)
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### **General description**

The programme for residential buildings is aimed at both new homes and rehabilitation of existing building stock in the residential sector. Enova SF is particularly looking for best practice examples where best available climate adjusted technology is being used that will minimize the need for heating, reduce heat loss and improve heat recovery.

In addition to reduce energy use, there is an objective to reduce the use of electricity for heating purposes. In order to do this, there has to be a possibility to choose alternative energy heating sources. District heat is preferred when available. Other energy sources of current interest are bio energy and solar heat. Heat pumps can reduce the electricity consumption by more than 50% and in some cases natural gas may be a good choice.




The program objective is to support building contractors and manufacturers that can contribute to an increased access to energy efficient and environmentally friendly houses with future-oriented solutions.

The target group is the decision-makers or they who invest in energy savings or the production of environmentally friendly energy. This may be manufacturers of houses, tenants' associations, larger building contractors and manufacturers of construction equipment that intend to offer the most future-oriented and energy efficient houses and products in the market. Owners of private houses may not apply.

The grant is meant to cover a part of the additional costs necessary for the planning and design of energy efficient solutions. It is also possible to apply for grant for the additional investment costs. The supported project should have an energy result of 3 kWh per granted NOK (25 kWh/granted Euro).

### **Impact evaluation (methods and results)**

<b>Ex-post evaluation</b>	1995	2000		
direct CO <sub>2</sub> (kt)				
Energy (TJ) (Fuels/Electricity)				
<b>Ex-ante evaluation</b>	1995	2000	2010	2020
direct CO <sub>2</sub> (kt)				
Energy (TJ) (Fuels/Electricity)				

<b>Measure Impact Level</b>		
 <b>low</b>	 <b>medium</b>	 <b>high</b>

### **Interaction of measures**

This measure has a mitigating interaction with building regulations (A1NOR1) and taxes (C1NOR1&2).

### **Historical data**

***References***

[www.enova.no](http://www.enova.no)