

European Society for Construction Law

**Hellenic Society  
for  
Technology and Construction Law**

Athens

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**Construction Law and Environmental Protection**

**Latest Recommendations on Environmental Aspects  
in Denmark  
by Jens Jordahn**





On 18 September 2008

## **The Danish Board of Technology**

Released the report

### **CLIMATE FITTING BUILDING – we can do if we decide to!**

The report includes the following recommendations to the Danish government to obtain the well known aims of saving of energy and reduction of the CO<sub>2</sub>-discharge.

# Recommendation no. 1



List reduction ambitions for the whole building industry in an action plan:

- Agree upon a long term ambitious goal for the whole building sector stated in an action plan
- Outline clear subsidiary goals on a short range view
- Note the goals in an action plan with matching activities

# Recommendation no. 1, continued



List reduction ambitions for the whole building industry in an action plan:

- Specify goals and activities according to ownership
- Differentiate goals and activities according to the nature and age of the buildings
- Outline goals for energy renovations, like 3-4 per cent of the buildings per year.

# Recommendation no. 2



Make pioneers of the State, the regions and your local authorities:

- The public entities must build and renovate in accordance with top energy class (1) of the Danish Building Regulations 2008 (abbr. BR08)
- Energy labeling of public buildings must be completed urgently

# Recommendation no. 2, continued



Make pioneers of the State, the regions and your local authorities:

- Improvements suggested through the energy labels must be carried out if they are found to be profitable within 30 years
- The suggestions must also be carried out if they support the development and mature the market

# Recommendation no. 2, continued



Make pioneers of the State, the regions and your local authorities:

- The political economic agreements between the State and the local authorities must support the efforts
- Energy renovation must be given a high priority when public buildings are renovated

# Recommendation no. 2, continued



Make pioneers of the State, the regions and your local authorities:

- Barriers against financing must be removed
- Climate considerations must be in focus when planning infrastructure and buildings
- The local authorities must be authorized to require local use of renewable energy.



# Recommendation no. 3



Tighten up the Danish Building Regulations, i.e. BR08:

- Make "low-energy class 1" the standard demands already as of year 2010
- Intensify accordingly the demands for rebuilding, extensions and refurbishment
- Demand the local authorities to control energy calculations and to inspect on site before their issuing of occupation permit.

# Recommendation no. 4



Carry out pioneer projects:

- Support new innovative projects
- Arrange competitions.

# Recommendation no. 5



Introduce economic stimulations:

- Make the tax on the property “green” so that house owners get a tax reduction by raising their houses one or more classes in proportion to the scale of the energy labeling
- Grant financial aid or allowance to entrepreneurs, who are building new or renovating to a higher standard than required by the building regulation

# Recommendation no. 5, continued



Introduce economic stimulations:

- Grant financial aid to renewable energy facilities in buildings
- Implement an ecological mark system according to the Austrian model in order to secure a favorable financing

# Recommendation no. 5, continued



Introduce economic stimulations:

- Consider the net area of the building as opposed to the gross area when tax assessing, etc.
- Use aggregated financial principles. Enable the public and the public supported building to higher costs of construction if it leads to lower energy consumption.

# Recommendation no. 6



Make the economy transparent and knowledge accessible:

- Create a simple, common standard for aggregated economic calculations
- Erect a center for knowledge and information about energy and climate fitting buildings
- Make the energy labels visible
- Upgrade all relevant educations.



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