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Evaluation of compliance and control in MS

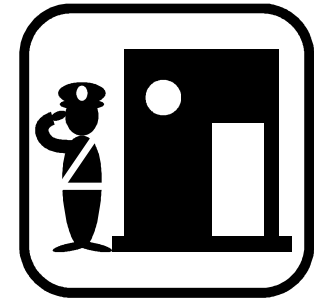
- **EPBD only imposes MS to set requirements**
 - No specification about the severity
 - No specification regarding the control
- **Requirement levels are an important instrument to improve the energy efficiency of buildings, BUT NOT ENOUGH**
- **With no compliance, the energy efficiency of building stock will not improve**

How is compliance of EP requirements handled in MS ?

- o **While some variations exist the procedures are similar when they exist. It varies from the simple check of documents to a random check at the construction site or both of them.**
- o **In general, controls are performed by state or federal employees who are allowed to visit any building during the construction or after.**

How is compliance of EP requirements handled in MS ?

- ❑ **Control campaigns are systematic or annual**
- ❑ **Campaign on site : The sample of operations is extracted with representative criteria**
- ❑ **The control is based on :**
 - Analysis of plans, specifications, calculations
 - Visit on site to check insulation
 - Visit at commissioning
- ❑ **When control has taken place, the building owner, designer or EPB responsible must be able to prove that his building complies with the regulation through supply of calculation notes and written proofs**



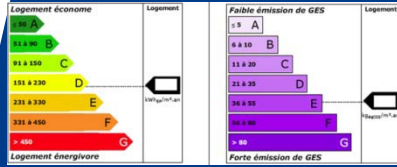
❑ Non-compliance with construction regulation is an offence with financial penalties :

- 60€/W/K in Belgium,
- Up to 45.000€ in France,
- Between 5.000 and 50.000 € in Germany,
- Fine calculated on the basis of economic income of the professional in Italy

In general, problems are solved during the informal procedure

❑ In Denmark, Netherlands and Finland, if the building does not comply with the energy performance requirements it has to be adjusted

❑ In Poland, sanctions caused by non-compliance of EP requirements can be withdrawal from Chartered Associations of Architects or Engineers – lost of rights for design and supervise construction



How is compliance of EP certification handled in MS ?

- The quality control procedure of the EP certification is not regulated by the legislation
- In most of countries EPC is based on EPB-declaration and established as the same time
- State or federal employees are responsible to make the certification scheme, keep the list of authorized experts and annually collect experts' records
- If the expert does not process any audit or EPC for 5 years, he is deleted from the list of experts
- Generally, there are no sanctions if non compliance except in Italy. There is a penalty system involving all the actors involved in the certification process

Are there incentive policies in MS contributing to respect of the regulations?

- In general there are no incentives for the mere compliance with the EPBD**
- Incentives are only offered for buildings that go beyond the minimum requirements**
- These incentives include subsidies, zero interest loans, fiscal deductions,...**

- In general, control campaigns are :**
 - Systematic : The compliance check varies in intensity depending on the local authorities
 - Annual : based on a random
- The reasons of no systematic check are the lack of expertise and very few funds allocated**
- As certificates must be provided for most of building, energy experts who issue them can check the compliance. In this case a specific training is needed**
- The incentives represent a positive instrument to improve the efficiency of the building**

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