

# Energy Economy and Heat Retention

Susanne Geissler

# „Energy“ in the current legislation ...

“**Planning and construction**” is linked with “**energy-related policy targets**” (energy efficiency and renewable energy):

- Some energy-related aspects are addressed by the current legislation under the **Streets and Buildings Law** (Ministry of Interior).
- Implementation of the Energy Performance of Buildings Directive 2010/31/EU (EPBD) by means of **Law for the Regulation of Energy Performance of Buildings** (Ministry of Energy, Commerce, Industry and Tourism MECIT).
- Renewable energy utilisation which is under the EPBD but also under the Renewable Energy Directive 2009/28/EC (RED) is addressed by a Mandate and an Order of the **Town and Country Planning Law** (Ministry of Interior).

# Recommendation: Increasing transparency and user friendliness of legislation

- Competencies of the Ministry of Interior and MECIT should be clarified and interfaces should be well specified.
- While aspects related with the buildings as such could be under the Ministry of Interior, horizontal aspects related with energy could remain under MECIT.
- Alternative option: Leave it as it is and provide a “Guideline” with reference to existing content and as a basis to further develop the legislative framework → suggestion for next step

# Guideline on Energy Economy and Heat Retention (1)

Objectives (based on the received stakeholder feedback):

- to provide a logical structure of energy-related requirements addressing the building sector, based on the requirements of relevant European Directives and good practices in other countries;
- to file fragmented energy-related provisions of existing Cypriote legislation according to this structure, thus ensuring easy access for information and discussion;
- to document room for improvement based on stakeholder comments and good practices in other countries.

# Guideline on Energy Economy and Heat Retention (2)

Chapters are structured as follows:

- Overview: provides a brief description how the matter is regulated in Cyprus
- Cypriote legislation: provides a compilation of legislation relevant for the matter
- Comments: provides good examples from other countries, weaknesses detected during stakeholder discussions and documentation of room for improvement.

... in order to facilitate the discussion on further developing the legislation of an ad hoc committee between MECIT, Ministry of Interior, and building permit authorities or within the statutory committee for the implementation of the EPBD in Cyprus which the above mentioned parties are already members.

# Table of Content

- **Procedural aspects**
- Buildings affected by minimum energy performance requirements
- **Minimum energy performance requirements for new buildings**
- **Minimum energy performance requirements for existing buildings**
- **Minimum renewable energy requirements for buildings**
- **Cost optimal levels and NZEB requirements**
- **Technical building systems and inspection**
- **Calculation methods and tools**
- EPC and EPC-registry, qualified experts and experts registry
- **Control and enforcement of requirements – EPC compliance**
- Independent control system according to Article 18 EPBD
- Public buildings
- Buildings under monument protection – historic buildings
- Energy indicators in advertisements and handing over the EPC
- Review and adaptation of legislation

# Table of Content (revised)

- **Procedural aspects**
  - Buildings affected by minimum energy performance requirements
- **Control and enforcement of requirements – EPC compliance**
- **Functional and technical building requirements**
  - **Minimum energy performance requirements for new buildings**
  - **Minimum energy performance requirements for existing buildings**
  - **Minimum renewable energy requirements for buildings**
  - **Cost optimal levels and NZEB requirements**
  - **Technical building systems and inspection**
  - **Lighting**
- **Calculation methods and tools**
- EPC and EPC-registry, qualified experts and experts registry
- Independent control system according to Article 18 EPBD
- Public buildings
- Buildings under monument protection – historic buildings
- Energy indicators in advertisements and handing over the EPC
- Review and adaptation of legislation