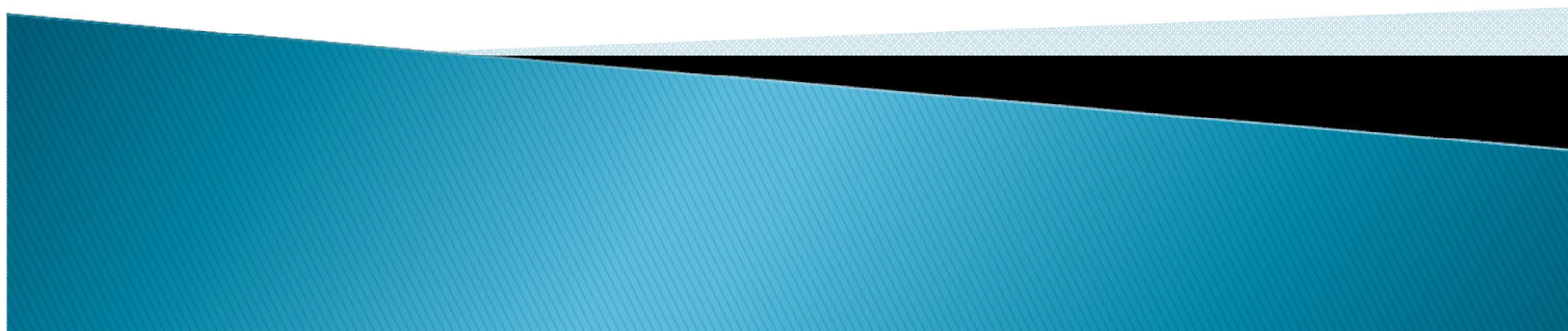


# SIEA Pilot Project for WP 5

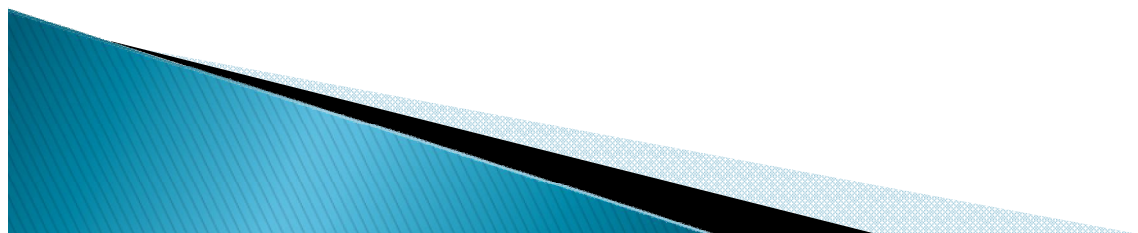
10. 11. 2010, Lisbon

Eduard Jambor



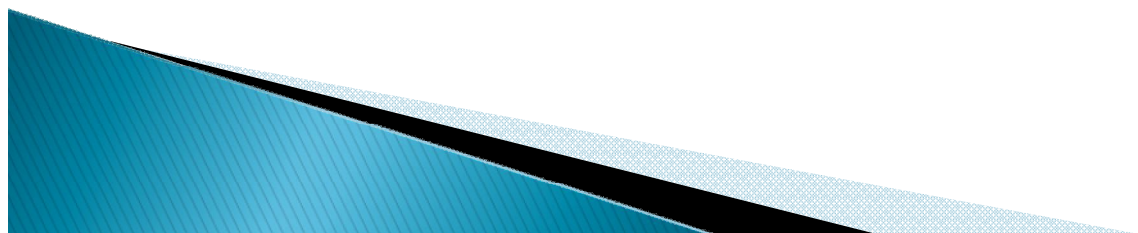
## SIEA Pilot Project for WP 5

- ▶ Slovak Innovation and Energy Agency (SIEA) attempts to develop a training module for the assistance (guide) with the selection of an appropriate contractor, professional company or supplier of materials for the major renovation of buildings.
- ▶ Main effort is to support improvement of the quality of the major renovation of existing buildings and partially construction process of new buildings, so they can lead to the real, practical improvement of their energy performance, expressed by certain default values.



## SIEA Pilot Project for WP 5

- ▶ Workshop – starting point of the pilot project development.
- ▶ Expectations:
  1. Experts from professional associations will present current procedures and quality requirements for individual measures of the major renovation of buildings.
  2. SIEA will use these information as a base for the training module development.



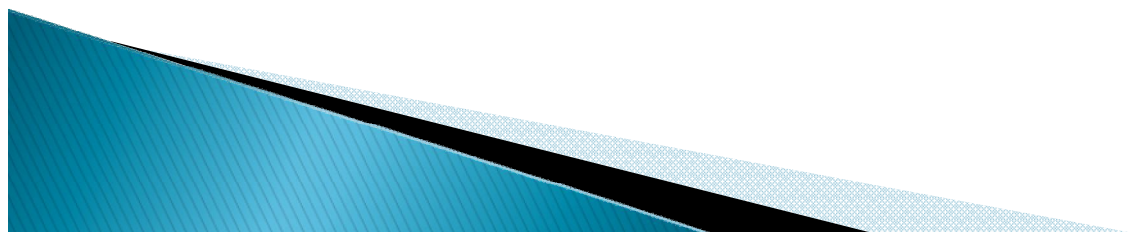
## SIEA Pilot Project for WP 5

- ▶ Building Testing and Research Institute

Non-profit organization founded by the Ministry of Construction and Regional Development of the Slovak Republic. It is working in the area of Energy certification of buildings pursuant to Directive on the Energy Performance of Buildings (Council Directive 2002/91/EC) and the Act No. 555/2005 of Coll. The presentation will be on Licensing process of the Thermal Insulation Systems.

- ▶ Association for the Insulation of Buildings

It brings together many professional and specialist companies oriented on manufacturing and distribution of insulation systems, their implementation, installation, design and evaluation. Focus will be on the Thermal Insulation Systems.



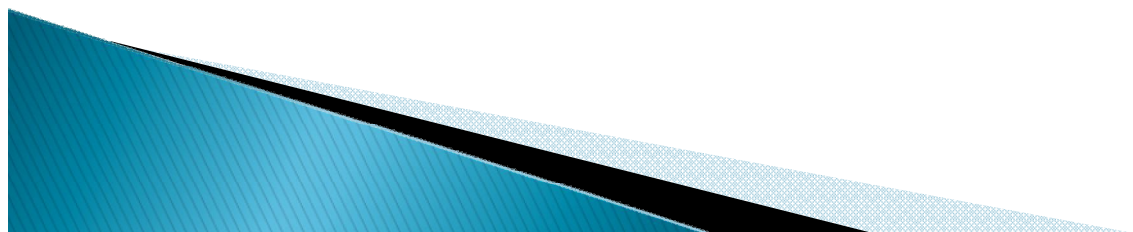
## SIEA Pilot Project for WP 5

- ▶ SLOVENERGOkno and SLOVOKNO

Two voluntary quality labels which evaluate the energy performance of windows together with its assembly. One of their goals is to promote the uniform definition of windows, doors and facades in the relation with their integral connection to the opaque part of the building envelope or the supporting structure of building itself. The other goal is to enforce the production and sale of materials which meet the high quality standards and regulations. The presentation will be on the replacement, installation process and the quality standards of windows.

- ▶ Guild of Slovak Roofers

Professional association of business owners and entrepreneurs. It includes carpenters, roofers, plumbers, manufacturers and distributors of materials, experts dealing with the issues of roofs, organizations concerned with the education in this field and other. It is respected professional community in the field of roof renovations and that will be the topic of the presentation.



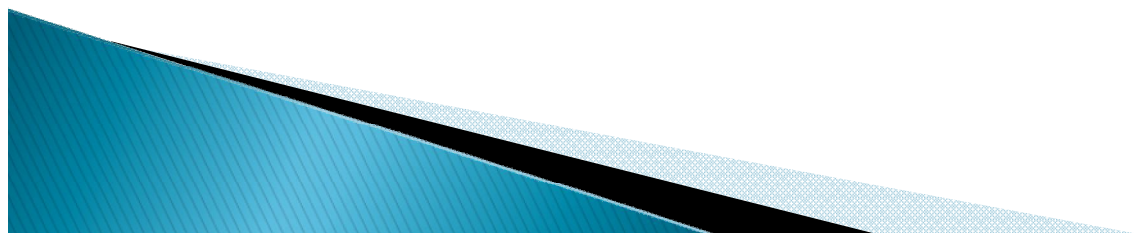
## SIEA Pilot Project for WP5

- ▶ Technical and Testing Institute in Piestany

State testing institute focused on the testing of solar collectors, boilers, heat pumps, mobile refrigeration systems and others. Its contribution will be based on the quality standards of solar collectors and the certification of boilers.

- ▶ Slovak Association of Refrigeration and Air- Conditioning Engineers

It includes Slovak and foreign companies, contractors, institutes and field specialist from manufacturing, design, testing, auditing, research, assemblage, control, repair and service, education and other. Their presentation will focus on heat pumps, their assembly and training of installers.



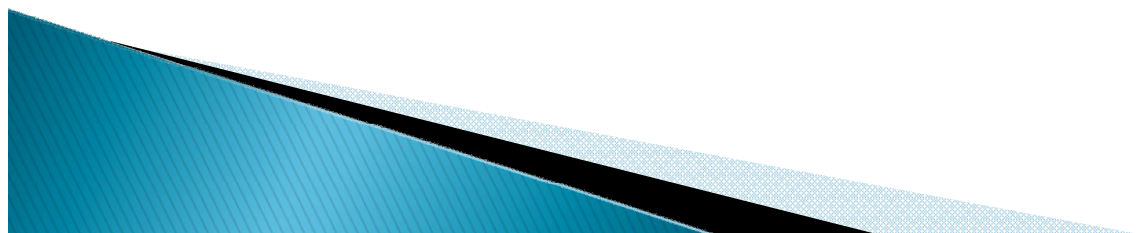
## SIEA Pilot Project for WP 5

- ▶ Thermo Eco Engineering Ltd.

It is specialised private company which deals with hydraulic/hydronic balancing and optimizing of technical building systems at all levels of production facilities and distribution of heat and hot water. Hydraulic balance and technical building systems has a decisive influence on the functionality and energy performance of heating systems in buildings, heat distribution systems and heat sources. The focus will be on the hydraulic balancing of heating system.

- ▶ The First Building Savings Bank

It provides funding for the major renovations of buildings. We are going to ask about the details on what does it mean for them to improve the quality of services focused on the renovation works. They can also point on the main communication gaps between them and loan applicants. Presentation is going to be held on actual conditions for obtaining a loan for the major renovation of buildings.





## SIEA Pilot Project for WP 5

- ▶ Inputs from WP 3 and WP 4
  1. Use of the construction process diagram prepared by DENA.
  2. Definition of quality standards for individual measures.
  3. Identification of various problems with certification and quality standards of major renovations through workshops.
- ▶ Feedback towards WP 3 and WP 4.

