

Private-public partnership in the field of energy efficiency-offer of ETG Engineering

Regional Conference: „Sustainable Energy Management in Public Buildings – from Policy to Local Action“

Budva, Hotel Splendid, 27th to 29th April 2010

Private-public partnership in the field of energy efficiency-offer of ETG Engineering

- ETG Engineering was established in 1997
- Over the past years it has been expanding its business specializing in import, distribution, engineering and providing repair services of central heating equipment, solar power systems equipment, air conditioning, ventilation, plumbing and sewage equipment, pumps and pumping systems equipment, fire safety systems and sanitary equipment
- Cooperation with more than 35 world-renowned suppliers
- Team of 50 employees
- More than 100 projects in the field of using solar energy (heating of sanitary water)
- In the last three years designed and carried out over of 20 large residential / commercial buildings with energy-efficient equipment for air conditioning and heating

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- Realized several projects using the power of water and earth
- Strategic partner to the Government of Montenegro in the year of energy efficiency
- GTZ partner in the implementation of projects in the field of energy efficiency
- NGO partner in the field of energy efficiency
- ETG is the first private company in Montenegro and the region that by organizing the various presentations, creating a web site and other means of promotion, would like to contribute to the expansion awareness and knowledge of all concerned about energy efficiency
- ETG Engineering accepted the energy efficiency as a new way of doing business both within the company was formed a Team for Energy Efficiency

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Ambience for the implementation of energy efficiency projects:

- Realized great effort in educating and informing citizens and the public about energy efficiency
- Long process of adopting of laws and regulation
- Lack of consistent in implementation of adopted legislation
- Lack of knowledgeable staff in government al and public institutions
- Insufficient financial support for implementation of energy efficiency projects
- There are no subsidies at the state level

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The current ambience has encouraged us to start with establishing the Institute for Energy Efficiency and Ecology.

Activities of Institute for Energy Efficiency and Ecology

1. Energy Efficiency (EE)

- Individual constructions
- Residential facilities
- Commercial facilities
- Public facilities
- Hotels
- Industry
- Cities and settlements
- Energy management
- “Smart” houses
- “Smart” measurement
- “Smart” networks

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2. Environmental protection

- Managing environmental impact
- ISO 14000
- Monitoring and reduction of CO₂ emissions
- Waste Management
- Recycling
- Monitoring and maintaining the quality of air

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3. Renewable Energy Sources

- Production of electricity:
 - Biomass
 - pV Solar collectors
 - Wind
 - Small hydro plants
- Wood pellets
- Heat pumps
- Geothermal energy
- Thermal solar collectors

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4. Water

- Reduction of losses in water supply systems
- Management of water supply systems
- Irrigation systems
- Rational use of water
- Wastewater treatment
- Monitoring of water quality
- Production of drinking water

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Socially responsible approach, the concern for improvement of quality of life and raising awareness about the importance of these issues for the sustainable development of the Montenegro puts into the foreground establishing private-public partnership that will enable the implementation of the future projects.

Institute for Energy Efficiency and Ecology will offer partnership to the Government, Local authorities , University, GTZ, NGOs and private companies and provide a wide range of services :

- Help in making laws in the field of energy efficiency and ecology
- Help in the implementation of laws and bylaws
- Development of national, local and investment studies, strategies, plans, feasibility studies ...
- Education and training of employees in the administration responsible for implementation of energy efficiency measures

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- Energy audits and Energy management
- Analysis of environmental impact
- Design
- Engineering
- Turnkey systems
- O&M services
- Urban planning
- Industry development in the field of Energy Efficiency and Renewable Energy Sources

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