Renewable energy and energy efficiency projects in Montenegro

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Montconsult – about us

- Micro consulting company – since 2005
  Energy technical consulting since 2013

- Main goal: Development and implementation of renewable energy and energy efficiency projects

- Collaboration with public, private and NGO sector on:
  - Preparation of strategic documents
  - Planning and analysis of projects – feasibility studies
  - Project development
  - Implementation and operation of projects
  - Business development and research

- People assets: International trained staff with experience in academic, public and private sectors
Montenergo – RE and EE sector

- Started accession negotiations with EU
- Set RES goal to 33% by 2020 and EE goal to 9% by 2018
- RE potential: solar, hydro, biomass and wind
- RE realized: sHPPs, ST and PV
- EE potential: construction, systems, transfer and management
- EE realized:
  - Improved generation (HPP, TPP)
  - Advanced metering infrastructure and 60% smart meters (DSO)
  - Improved building envelopes and heating systems (WB, kfw, local gov’t)
RE and EE projects

- Project “Energy efficient municipality Bijelo Polje”
  - EnMS – Implemented through Ministry for several municipalities
  - District heating on biomass – Analyzed through EBRD project for several municipalities

Other projects (2013 – Today)
- Local energy plans for 3 municipalities
- Analysis for PV plant on waste disposal facilities for public tender
- Planning and development of energy management and distributed generation systems for various size companies
- Improvement of RE procedures and plans with NGOs
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**Sustainable energy sports facility**

Project example: Sustainable energy indoor swimming pool facility Sport center Niksic

- Building constructed during 80s with existing system
- Currently not sustainable operation
- Reconstruction solution:
  - EE measures for building envelope
  - Geothermal + aerothermal heat pumps for heating
  - Underground water for water supply
  - Possible PV for electricity consumption
Thank you!

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