BOSNIA AND HERZEGOVINA ENVIRONMENTAL AND ENERGY POLICY AND REGULATION

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BIH RELEVANT REGULATIONS

- Complex administrative structure 2 entities (FBiH and RS) and Brcko District, each having own legislation
- Relevant Laws (with own bylaws):
 - Entity Water Laws, based on EU WFD 2000/60/EC, RBMPs preparation ongoing
 - Energy Laws
 - Laws on Electrical Energy
 - Laws on Renewable Energy Sources and Cogeneration
 - Laws on Nature Protection
 - Laws on Concessions
 - Regulations on Spatial Planning and Landuse ...

ENERGY USE AND HYDROPOWER POTENTIAL

- Main BiH in-country energy sources are coal and hydropower; gas and oil imported
- Primary energy structure (estimate): coal 56%, hydropower
 10%, liquid fuel 28% and gas 6%
- Electricity production (estimate, varies depending of the precipitation): 60% coal, 40% hydropower
- Within SEE highest hydropower potential in Romania (35.000 GWh/y), than BiH (24.000 GWh/y) estimate from 2013 study
- Present use of hydropower potential in BiH estimated 20-35%
- HPP produced electricity as addition to coal-based thermalpower plants (TPPs) for peak demands
- Pumped storage plant Čapljina rare such case

EXISTING AND PLANNED PLANTS

- 15 large HPPs total 2.060 MW, 4 TPPs total 1.750 MW
- Most HPPs planned as multipurpose, but later energy production became absolute priority
- Significant and yet unused hydropower potential at
 - Rivers Una, Vrbas and Bosna, with tributories
 - Upper, middle and lower Drina river
 - Neretva and Upper Horizons of Trebisnjica, Cetina river
 - Large number of smaller water streams, primarily for small HPPs
- Ongoing projects of Stanari TPP, upgrading Tuzla TPP, Ulog HPP, Una HPP, Vranduk HPP, Janjici HPP ...
- Large number of small HPPs planned (weak implementation in RS 112 concessions given, only three HPPs constructed)

LICENCING PROCESS

- No integrated licence:
 - Concession (for use of public good)
 - Preliminary water licence (certifies availibility of resources)
 - Water licence (alows water use)
 - Environmental licence (certifies minimized impacts to environment)
 - Construction licence (allows staring plant construction)
 - Use licence (certifes that construction is implemented in line with the project design which is accepted)
- Each defined by separate legislation
- Prescribed EIA study
- Environmental flow regulation in FBiH in force last 2 years compromising diverse interests and minimizing conflicts