

Lampert C., Zessner M., Kroiss H., Lindtner S. (2008): Affordability of waste water treatment in Black Sea countries, IWA World Water Congress 2008, Vienna, 10-11. September 2008

**Abstract:** This paper investigates the costs of waste water treatment within the Black Sea catchment countries A, CZ, SK, HU, SL, RO, BG, UA and TK and discusses the affordability of the related costs. The annual costs of waste water treatment in Black Sea catchment areas are in the maximum 30% lower than in Austria. However the incomes in countries like Bulgaria, Romania or Ukraine are 85% to 90% lower. The total annual costs for waste water management (sewer development plus treatment) amount at least to 90 /PE.y for large CNDP-plants. Waste water charges of 90 /y (CNDP) per inhabitant or more are not affordable for many households. Financing waste water management completely by charges of the population equivalents connected is not feasible in several countries investigated. Therefore other approaches for financing waste water treatment are required.

**Key words:** waste water treatment costs, Black Sea catchment, affordability