

COGENERATION PLANT ON BIOMASS, SOKOLAC

Project title	District heating system on biomass with cogeneration in Sokolac Municipality	
Sector	Energy sector	
Location description	Sokolac municipality is located in the eastern part of Republic of Srpska, with an area of 689 km^2. The municipality has characteristics of the mountainous area, and a significant part of the municipality is under forest. Planned location for cogeneration plant is in the very center of the municipality.	
Project status	Feasibility study of district heating on biomass with cogeneration - completed	
Project description	This project proposes installing cogeneration plant on biomass with technology of organic rankin's cycle of electricity generation capacity of 1MW and heat capacity of 4.1 MW. Electricity production will be supplied to the electricity network, and generate income of 1 930 000 KM (almost 1 million EUR) per annum, while the heat that is being generated during the electricity production by plant, will be used for base load of extensive district heating network. Forest wood waste is almost no longer used, estimated annual potential of the local bio mass is 56 000 m^3 of forest wood waste and 25 000 m^3 from wood-processing industry.	
Estimated total investment cost	7 771 636 EUR in the period of 4 years	
Inputs provided by local partner	**Value**	**Description**
	383 468 EUR	Project design and preparation of documentation - 153 387 EUR Location and existing facilities - 230 081 EUR
Inputs required from foreign partner	**Value**	**Description**
	7 388 168 EUR	Hot water pipeline 455 337 EUR Power substations 592 587 EUR Hydronic heating 1 272 537 EUR Heating plant equipment needed 69 024 EUR
Form of cooperation with foreign partner	Joint venture	
Supporting information available	For additional information about this project, please contact FIPA either by e-mail: fipa@fipa.gov.ba or phone number: +387 33 278 080.	