



PHOTOVOLTAIC PLANT “VODOVOD 1&2”, SAMAC

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| Project title | Construction of a photovoltaic plant “Vodovod 1&2” in Samac |
| Sector | Energy Sector, Renewable energy |
| Location | Samac Municipality covers an area of over 172.8 km ² in the north-eastern part of Republic of Srpska and BiH. The municipality is located at the very mouth of Bosna river in Sava River, in the central part of Posavina region, at the border with the Republic of Croatia. Micro-location is the source of the water supply system of Samac Municipality, where the wells of B1, B2, B3, and Command Control Unit are located, which represents a protected area of app. 7.900 m ² , divided by asphalted road into two units for the construction of two photovoltaic plants. |
| Project background | Since complete reconstruction of the water supply system in Samac Municipality was carried out in 2015, the construction of the photovoltaic plants Vodovod 1 and 2 would ensure constantly transformation of solar energy into electricity, thus having full functionality of the water supply system of Samac Municipality. |
| Project status | The project is currently in form of a program solution, while preparation of conceptual and main project design is in the final stage. |
| Project description | The grid system or solar power plant implies that the electricity produced from the solar modules can be sold to the public distribution network. This would enable the production of sufficient amount of electrical energy for normal functioning of the water supply system. The goal is to make savings as the electricity generated and delivered to the grid will be the same as consumed. |
| Estimated total investment cost | 359,000 EUR |
| Inputs provided by local partner | 35,900 EUR (co-finance of the project, technical & administrative support, supervision of the works’ performances) |
| Inputs required from foreign partner | 323,100 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. |