



GAS POWER PLANT TESLA 5 MW

Project title	The construction of Gas Power Plant -Tesla 5 MW in Bosnia and Herzegovina
Sector	Innovation sector
Project background	Tesla's concept is a response to today's challenges of electricity generation with improved fuel efficiency with low emissions of harmful substances and minimal heat emissions. By introducing Tesla's concept into production, electricity at lower KWh production prices is guaranteed. A great advantage of Tesla's concept is the ability to install power plants at the point of consumption, regardless of the primary energy source.
Project status	Technological and economic analysis of investment feasibility
Innovation description	<p>The project is based on patented technology with Intellectual property. Implementation of a new concept of electricity production is based on patents: PCT/BA2018/000001, WO/2018/184078, PCT/BA2019/000001.</p> <p>The project offers a solution to support the work of renewable energy sources with Tesla's concept of electricity production "Power Plant in a Hat".</p> <p>Solution of the problem: The construction of a completely new engine unknown to existing technique; Low fuel consumption about 30 lit/MWh; Use water as a fuel (2 and 3 phase); Low emissions from exhaust gases NOx; Low noise emissions; Uniqueness and reliability; Large power range; Small mass per unit of power</p> <p>Advantages related to existing motors: Low fuel consumption; Just two moving parts; Doesn't have sliding surfaces; Don't use motor oil; Work on a high energy level; Thermally isolated, prevents heat losses and environmental warming; He uses the waste of heat to work again; Minimal environmental impact.</p>
Intellectual property, Patent	Patents: PCT/BA2018/000001, WO/2018/184078, PCT/BA2019/000001
Estimated total investment cost	Total investment cost is 12 500 000 EUR: Production and installation of equipment for electricity production: 12 million EUR Object with infrastructures: 500 000 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.