



TESLA HELICOPTERS

ELECTRICALLY POWERED HELICOPTER, DRONES WITH NEW INNOVATIVE ELECTRICAL AC MOTOR

Project title	Testing, prototyping and production of electrically powered helicopter, drones with new innovative electric AC motor	
Sector	Innovation sector, Aerospace industry and Electrical technology	
Location	Banja Luka, Republic of Srpska, Bosnia and Herzegovina	
Project background	Entering the market for electrically powered aircraft. The global market for EVTOL (electric vertical take-off and landing) aircraft is estimated to be USD 8.5 billion in 2021 and is projected to reach USD 30.8 billion by 2030, at a CAGR (compound annual growth rate) of 15.3% during the forecast period.	
Project status	Prototype electric motor	
Innovation description	<p>This project proposes a new innovative approach for helicopter powered by electric power. In comparison to the existing solutions of the helicopter this innovation offers:</p> <ul style="list-style-type: none"> • Maximum possible flight safety because the number of rotary parts is reduced to a minimum • Ease of management • Autonomy of the flight of one hour with one battery charge • Silent work and slight vibration during the whole mode of helicopter operation 	
Intellectual property, Patent	National patent application BAP183267A	
Estimated total investment cost	2,460,000 EUR	
Inputs provided by local partner	Value	Description
	16,400 EUR	Prototype testing

FIPA INVESTMENT PROJECT PROFILE



Inputs required from foreign partner	Value	Description
	2,443,600 EUR	Completion of electric motor testing, flight model testing, preparation for series production.
Form of cooperation with foreign partner	Financial	Technical
	Joint Venture	The various forms of cooperation in agreement with a foreign investor.
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.	