



SEAWATER DISTILLATION APPARATUS COMBINATION WITH RENEWABLE ENERGY

Project title	Seawater distillation apparatus combination with renewable energy	
Sector	Innovation sector	
Location	Sarajevo	
Project background	The number of inhabitants of our planet is rapidly increasing, and the estimates show that many people lack access to the safe drinking water. The advantage of this innovation is that, besides electricity production, renewable energy sources can be used for seawater distillation.	
Project status	Pre-feasibility study completed during 2009/2010	
Innovation description	Renewable source of energy like windmill in combination with vacuum pump are used for distillation of seawater and for cheaper and easier storage of energy. Wind turbines as a distillation plant: <ul style="list-style-type: none"> - Exploitation of wind energy - Converting the number of revolutions by means of transmission - Mechanical energy is used for the running of vacuum pumps - Created a vacuum in the tube - Water boils at lower temperatures - Distillate water 	
Intellectual property, Patent	Patent number BAP102773A	
Estimated total investment cost	Depends on capacity of source and other needs	
Inputs provided by local partner	Value	Description
	2 000 EUR	For development and testing, tax incentives
Inputs required from foreign partner	Providing of all equipment and tools for production	
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.	