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CLOSED SEWER SYSTEM

Project title	Closed Sewer System
Sector	Municipal wastewater treatment
Location	No matter where
Project background	"Wastewater treatment plant" is quite misunderstood, inefficient, costs a lot, maintenance is too expensive, short life, takes up a lot of space. This innovation has effective solutions in wastewater treatment.
Project status	Feasibility study completed. Siemens AG. August 2020: "The idea is not only innovative but also completely new and changes the way we think and act." SPRIN-D October-December 2021. Several analysts of the Institute and a large number of experts from the economy have determined the validity of the invention.
Innovation description	Waste management at the place of origin, in the bathroom and kitchen, used water is divided into hot and cold. Special urine and special faeces are excreted from the cold water. Excellent base for organic fertilizer. From the warm used water we extract fats and oils (biodiesel), detergent residues and very simply thermal energy. Profit per capita is up to 2 000 EUR per year. An upward trend. The technology is far better and safer, does not allow wastewater generation.
Intellectual property, Patent	1.) BAP203356 (precluding right from 31.03.2020). Consular patent protection until 31.03.2032. 2.) SPRIN-D institute Bundesministerium für Bildung und Research Leipzig. Only for world-changing inventions 1.062

FIPA INVESTMENT PROJECT PROFILE



	3.) KIT Karlsruhe Innovation Technology 886/2021 4.) Bundesforschungs institut Julich 202011-803 5.) USAID APS10-0142 6.) Siemens AG 2020A25662DE	
Estimated total investment cost	Initial capital 10 000 000 EUR	
Inputs provided by local partner	Value	Description
	600.000 EUR + Patented (until 31.03.2032) invention and we know how	Building land 4,400 m ² Building permits We know how to make a sanitary ware factory We know how to produce heat exchangers, heat pumps, separators. We know how to make from secondary raw materials: biodiesel - extract biogas, produce organic fertilizer. Experience in large projects
Inputs required from foreign partner	Value	Description
	10 000 000 EUR	Planning and implementation of "closed sewerage system" Production and installation alone or with subcontractors: sanitary ceramics, separator, heat exchanger, transport containers, organic fertilizer, biodiesel, biogas and other. - Common construction of app... 280 apartments for sale - Building land and permits obtained - Purchase of production plants - Providing all equipment and tools for production - Installation of 2 million new toilet bowls, separators, heat exchangers, heat pumps. - Production of organic fertilizers, biodiesel, biogas
Form of cooperation with foreign partner	Financial	Technical
	Any kind of cooperation - Participation in capital - Joint venture - Loan - License	
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.	