

DEVELOPMENT OF SMALL GREEN BUSINESS THROUGH THE EXAMPLE OF MUSTANOB HILOL LLC

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The limited liability company Mustanob Khilol exists in Nukus during more than 5 years. It was created by Rashid Kartbaev, enthusiast-ecologist and adherent of clearness in the nature and thoughts.

He has begun by creation of the non-governmental organization «Clearness Center» in one of the micro-districts of Nukus. This Center has assumed the obligation to collect and pick up household waste to keep clean several residential quarters. At first sight, this is a simple problem, but its solution has appeared complicated. First of all, it was necessary to gain trust of inhabitants. Not all agreed to pay, in spite of small money, for waste collection and pickup since up to that moment trash removal was irregular and incomplete. For short time, Rashid was able to achieve exemplary cleanliness in the quarters entrusted to him. Moreover, he has organized waste sorting that allowed obtaining additional funds due to delivery of scrap metal, paper for recycling and waste glass.

There is always food waste among household trash and Rashid has thought about its processing. He has learnt to receive biogas in small volumes, in 200 liter flasks, loading there manure with vegetative and food waste. It is known, that the important product of the biogas development is a liquid fertilizer. The team of Rashid used this fertilizer for soil improvement in the residential micro-districts that allowed to arrange green spaces in waste grounds between houses where trees never grew before.

One of the challenges which Rashid's team has succeeded in resolving was a constant leak of sewer water in cellars of residential and administrative buildings. Because of dampness in the houses, there was no refuge from mosquitoes neither in winter nor in summer. Rashid has learnt to produce pipes of plastic waste and has replaced all the pipes by plastic ones. As a result leaks have stopped and mosquitoes disappeared. Besides, Rashid's team has independently designed and produced all the equipment for processing of plastic waste. The assortment of production from plastic waste started to extend. Rashid has learnt to make thin threads of plastic bottles. He obtained syntepon - heat-insulating material for clothes, blankets and footwear. The disposable packages, processing of which is practically absent, are used now as a binding agent for manufacturing of tile and paving flags. These products are pressed from sand and plastic which being fused connects grains of sand in the whole detail. This product is very strong and durable.

It would seem, now it is possible to scrape together a capital and to think of riches augmentation, but Rashid does not think to calm down. It spends the received incomes for experiences with a drop irrigation to help farmers in the conditions of water shortage. Despite all difficulties and failures with introduction of the drop irrigation, in ten years after beginning of experiences, Rashid does not give himself up and, at last, receives the first serious crop of several cultures including cotton. It is necessary to notice that experience with production of fertilizers in biogas manufacture was useful for Rashid. All cultures were fertilized by a liquid remaining after development of biogas. The irrigation was carried out by soil saltish water. As it has already been told, Rashid produces himself the pipes for system of drop irrigation and these pipes cost much more cheaply at the market than those of factory made of industrial raw materials.

It is necessary to notice that Rashid provides several dozens of persons with work and among them there are people who have offended in the past and other enterprises try not to employ them for this reason. But Rashid safely trusts them and in such a way awakes in these people sense of responsibility. Fascinated by example of their head, Rashid's team creatively

approaches to the work that allows solving non-standard problems. The staff is notable for its unity and diligence.

Consequently, we may consider Mustanob Hilol LLC as an example of the green enterprise the activity of which allows hoping that we will adapt for climate change, reduce nature pollution, lower consumption of natural resources and not forget in particular to resolve the social problems.