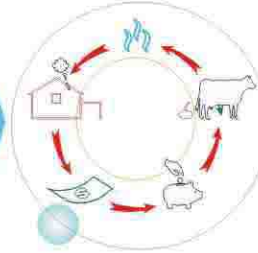


Karaganda Oblast Ecological Museum implements the project "BIOGAS" by projecting and building of biogas digesters for farms and ranches.



Running biogas digesters farmers obtain
biogas fuel for food cooking and house heating
biosludge high quality fertilizer, cattle feed-stuff additive, raw materials for biohumus.



The most difficult stage in introduction of the biogas digesters is construction of the digesters itself, here few variants of construction are possible. The first is when a digester is built of bricks, the second when it's built of concrete and the third when a digester is made of metal tank.



Use of biogas digesters in economic activity allows to obtain cheap energy and utilize the refuses of agricultural production.

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Karaganda experience of biogas digesters use shows that a digester with size of 8 cubic meters and working on porcine manure is able to replace natural gas that is being used for food cooking what means that quantity of biogas is enough for cooking of food for a family of 5 persons.