

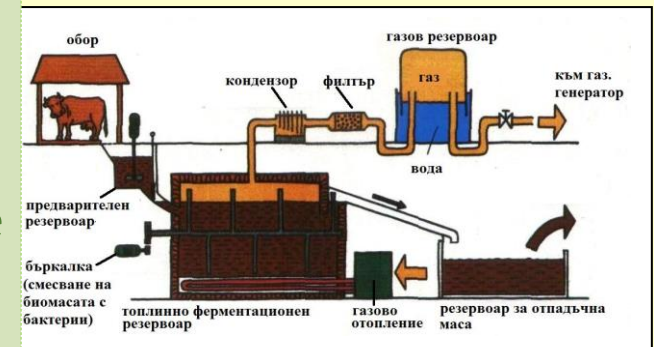
## What is biogas?

*Biogas is a combustion gas produced by organically fermented organic products in anaerobic (oxygen-free) environment.*

*The naturally occurring natural fermentation gas is called "blast gas"*



- On an industrial scale, biogas is produced in the so-called biogas installations. These are facilities consisting of a substrate repository, one or two sequentially connected anaerobic fermenters, a biogas repository and a lagoon for post-fermentation residues



### Production

- On an industrial scale, biogas is produced in the so-called biogas installations. These are facilities consisting of a substrate repository, one or two sequentially connected anaerobic fermenters, a biogas repository and a lagoon for post-fermentation residues

Author: Ilian Drumev

*Organic and agricultural waste, organic waste from the food industry, as well as purposefully grown energy plants can be used for the production of biogas. With these organic materials, called substrates, the controlled supply of the biogas plant is carried out.*

*Biochemical processes take place in four major stages: hydrolysis of polymers to simple sugars, amino acids and fatty acids; their conversion into acids; their further metabolism to acetic acid and, in the last step, formation of methane.*

