

MICROCRYSTALLINE CELLULOSE PRODUCTION PLANT

The new investment intention to be implemented on Svilosa' site is a project for construction of **Microcrystalline cellulose production plant**. It will diversify and expand Svilosa's production activity. The investment amount, that include also the costs for acquiring the long-term assets, i.e. land, buildings, machines and equipment, is in amount of **BGN 25 670 000**. Forty new job positions will be opened in it.

The project will be implemented by Svilosa ZIK AD – Svishtov. The product, which is a new one and will be produced in Bulgaria for the first time is microcrystalline **cellulose (MCC)**. The plant capacity will be 15 tons/day (4950 tons/year) for 330 working days per year.

MCC is a cellulose by-product in powder form, which could be produced by all types of natural celluloses obtained by wood or non-wood kind of plants. Microcrystalline cellulose has extremely wide and diverse application in the food industry, pharmaceuticals and biotechnologies, cosmetics, chemical industry and agricultural sector, due to its chemical properties.

The new production will be situated on a site cleaned of unused old buildings, shown on the pictures below.



The plant will represent four floors building with reinforced concrete construction at newly separated area of 10 832 m² and built-up area of 8 000 m². Due to the specific application of MCC and the chemicals used, the production facilities construction will be in conformity with the relevant requirements for air cleanliness and securing sterile working environment, while observing all regulations referring to the environmental protection.

Below could be seen the 3D project of the new MCC production plant.

