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## **RECYCLING DENIM OR HOW TO SAVE THE ENVIRONMENT**

21st century - the age of new technologies and forward movement. One such "movement" can be called mass processing of clothes from second hand. "Why?" - you ask, because wearing clothes after someone has always been regarded as something disgusting and a sign of poverty. At present, this problem is very relevant, because if the fashion industry maintains its current production and consumption paths, these pressures will increase to the level that threatens the survival of the industry itself.

The fashion industry was seriously concerned with this problem, as evidenced by the massive processing of clothes by designers. Honestly, humanity has learned to recycle raw materials from almost everything. For example, various types of recycled plastic fabrics. Such actions not only mitigate the effects of climate change, the depletion of resources, the survival of the wild, global pollution but also make us move further towards preserving nature. It is possible that in Ukraine this is not very widespread, but abroad such methods are considered the most urgent.

Production aims to solve the problem of waste utilization. This will enable not only to reduce the load on the biosphere, but also to obtain a unique opportunity to create an additional source of products.

The threat of environmental pollution is significantly reduced during waste processing. From this you can build a logical chain: for the manufacture of a new pair of jeans, we need the first number of cotton. Before harvesting cotton, it consumes certain resources in the form of water, fertilizers and human energy. To convert a cotton to a cloth, it must undergo a certain processing process. This process involves the work of special machines, dyeing the fabric in blue and unlimited use of water.

One of the important steps forward is the processing of jeans with nitrogen without water and chlorine.

Well, with the help of processing, of two old jeans, one can make one new, and from three combine a new denim jacket. It is interesting that the designers aim to not only create a brand new thing, but also an interest in preserving the environment by recycling old things into new ones.

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