

ROLE OF THE TECHNICAL UNIVERSITY OF MOLDOVA IN THE ELABORATION AND THE IMPLEMENTATION OF MODERN TECHNOLOGIES FOR CITIES

I. BOSTAN

*Technical University of Moldova
168 Stefan cel Mare Av., Kishinev MD 2004,
Republic of Moldova*

1. Introduction

The world is moving towards the gloaming of the 20th century. We, the people-witnesses of this dramatic century, are seeking for problem-solving strategies in the following matters: what will the next day look like, being dependent strictly on the progress of science and technology? And how will the civilization resist to the impact of the technical progress and its global consequences?

On the one hand, the contemporary technico-scientific progress gave to the human society efficient key-factors for improving labour productivity and material production, and for solving multiple problems related to socio-economic development.

On the other hand, the dimensions of consumption today have defined dangerous aspects of depletion of some non-regenerable sources; ecological problems have become predominant: such factors of the environment as air, water and soil are mostly polluted. The negative processes with unexpected consequences aggravate the situation especially for urban population.

The problem of urbanization is overwhelming for the Republic of Moldova, because 30% of its population lives and works in towns having about 200,000 thousand residents. The community budgets are formed mainly from the incomes of industrial enterprises. About 32% of these incomes of each enterprise are distributed in the following way: 65% go into the central budget and 35% into the local budget.

The significance of the industrial complex in the formation of the community budget demonstrates that the social problems of municipalities follow particularly from the efficiency of the industrial complex.

At the initial stage of economic reforms which are taking place in the Republic of Moldova today, it is quite important to define correctly and