## COMPLEX ENVIRONMENTAL-ECONOMIC APPROACH TO SOLID WASTE RECYCLING VALUATION

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Complex recyclingof solid waste the most promising solution to the problems of waste, providing energy-saving technologies of rawcomponents in the composition of solid waste. The advantage of complex solid wasterecycling is the universal environmental and economic assessment of the most common industrial recycling technologies burning, composting, mechanized sorting, and combinations of them.

Implementation of economic calculations provide an objective qualitative comparative assessment of different technologies, using them as part of their goals.

The mainworld tendency in the solution of solid wasteproblemsaimstoinvolve it intoindustrial recycling. First of allmunicipal solid wasteare involved inindustrial recyclingin regionsthat are poor natural resources, have a smallarea and high population density. The main tasks for the technological wasterecyclingare: 1) reduction of volume of wasteto be disposed, and 2) neutralization of solid waste, and 3) a rational waste management.

Key indicators ofwasteless technologiesareecological andeconomic criteria-environmental safetyof technology, and environmental safetyofnew products, economic efficiency, capital and operating costs. Practical solution of the problemof industrial solid wasterecyclingconnected with large capital investments, so that all costs should be focused on the progressive creating of industrial production. Industrial recyclings hould be considered as the final operation in general scheme of solid waste management, the effectiveness of which depends on the organization of workat each previous stage- collecting and sorting. It is a complex processing of solid waste as a combination a system of collecting, sorting, heat treatment, fermentation and other steps taken together provide a low waste production for maximum efficiency and environmental friend liness.

The main resultsof this work are:

- 1. The classification of the traditional ways of disposal of solid waste.
- 2. Methodological approaches to determining the environmental and economic benefits of recycling technologies of solid waste.
- 3. A comparative evaluation of environmental and economic efficiency of different methods of solid waste disposal.
  - 4. The ways of optimizing the impact of solid wasteon the environment.
  - 5. Prioritizedway todisposal of solid wasteon the basis of ecological and economic methods.