

ABSTRACT

Thesis: 79 p., 12 tabl., 25 fig., 1 append., 23 sources.

PORTFOLIO OF INNOVATE PROJECTS, DEMATEL, AHP, ANP, DECISION MAKING SYSTEM, INFLUENCE MAP, GROUP FACTORS.

Object of the study: process management the portfolio of innovative projects.

Subject matter of the study: processes for portfolio management of innovative projects.

Purpose of the thesis: to study the methods and processes of forming a strategically oriented portfolio for packaging development projects of packaging company Dunapac Tavria LLC based on decision-making Trial and Evaluation Laboratory and Analytical Network Process methods..

Technologies: Microsoft Excel environment using the Visual Basic for Applications language, SuperDecision software.

Results: conceptual model of strategy of management for portfolios of equipment upgrade projects was developed. Model for selection of criteria for evaluating innovation by integrating DEMATEL and ANP methods, created a tool that implements a single combined model without the help of third-party software, method for forming an effective portfolio of innovative projects was developed.

The direction of the future research: application of the DEMATEL method in a fuzzy setting.