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**ASSESSMENT CONFORMITY OF SUSTAINABILITY CONSTRUCTION
BUSINESS IN VARIOUS PHASES OF BUSINESS CYCLE**

Abstract

Key words: sustainability, construction, competitiveness, phase of economy development boom

In last decade has devoted increasing consideration of scientists, engineers, ecologists and economists to construction sustainability and conformity of construction products to requirements of conception of sustainable development. In the construction industry the produced buildings and other constructions form provide a material technical basis for other economic sectors. Buildings and other construction products have great an extent on such fundamental aspects of sustainability as energy consumption, maintenance costs, emission CO₂ and other noxious gases, as well as degradation of surrounding environment. Up to now, less notice is given to matters of sustainable development of the construction as a process of production of different construction products both on micro and macro level. Effectiveness of using resources by construction companies shapes the “backbone” of sustainable development process of the construction industry. In various phases of the economy development cycle not only the demanded and produced volumes as well as a price of construction products are changing. In period of growth of economy, favorable conditions give construction merchants an ability to increase profit to spent part of them for activities to reduce utilized resources in a unit of produced construction unity and accordingly decrease production costs. That shapes the economical and technical basis of competitiveness for construction entrepreneurs, which is necessary to overcome non-conformity between demand and supply that has arisen during economy recession. For the purpose of maintaining competitiveness in conditions of

recession, businesses are forced to implement measures of increasing efficiency of utilization disposal resources more actively, by fitting in main conditions of sustainable development of national economy. The aim of the research – to assessment conformity of sustainability construction business in various phases of cycle economical development in Latvia. Hypothesis of the research – entrepreneurs in construction business not carry out measures for increasing production efficiency in spite of favorable conditions that shapes in phase of economy development boom. To reach the research aim followed investigation methods are used – induction and deduction methods, reference methods, analyze and syntheses methods, as well as appropriate mathematical methods.