

MANAGEMENTUL PROCESELOR – GREEN BUSINESS - REZULTAT AL AMPRENTEI TEHNOLOGICE

PROCESS MANAGEMENT – GREEN BUSINESS – THE RESULT OF A TECHNOLOGICAL FOOTPRINT

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Abstract: A company's success or failure may result from its ability to adapt to trends and regulations. In the control and management process, the energetic factors are crucial for a company's existence and durability. In order to be successful in the EU, two determinant factors are key in regards to change and transformations within the process management: the global consensus on the collective climate change and the Industry 4.0 philosophy. In this frame, the political, social and economical aspects became subordinated factors. The company's capability to function properly and the way of reaction is based not only on the available resources but also on the available technological capabilities. In the global economies, the key abilities and conformity trends have roots based on four major factors: to know, to understand, to evaluate and to use technology; here is where the role of engineering and management come into place in order to impose the adequate lifecycle management for the sustainability dimension of the company and its long lasting development. This approach is regarding not only the „consumption style”, green energy generation, alternative logistic planning or the less polluting solutions acquisition, but also the fundamental reduce the waste of energy and pollution impact emerging research facilities with the process modeling technology to optimise the existing operations in implementing the Business Process Management (BPM) paradigm.

Keywords: technological footprint, lifecycle management, process management.