

# MECATRONICA - FUNDAMENTUL DEZVOLTĂRII INTELIGENTE, DURABILE ȘI FAVORABILE INCLUZIUNII ÎN EUROPA CUNOAȘTERII

## MECHATRONICS - THE FOUNDATION OF INTELLIGENT, SUSTAINABLE AND FLEXIBLE DEVELOPMENT IN THE KNOWLEDGE-BASED EUROPE

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**Abstract:** The pillars of smart, sustainable and inclusive growth in the knowledge-based Europe are defined as: intelligent management, intelligent technologies, intelligent ecology and intelligent people. In this context, the specific indicators are succinctly presented in line with the EU 2020 strategy. Education and training are the engine for smart, sustainable and inclusive growth. Mechatronic platforms provide the framework of conceptual approaches, methods and tools for the achievement of the mentioned objectives. The paper presents details of the European Platform for Continuous Training as well as the National Platform of Mechatronics.

**Keywords:** mechatronics, education, intelligence, knowledge, development