

## SCIENTIFIC AND TECHNOLOGICAL INNOVATION

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**Rezumat.** *Astăzi, știința și, în consecință, cercetarea științifică este larg recunoscută ca fiind principala forță motrice a producției și sursă de inovare și transfer tehnologic. Există multe definiții în acest sens, care caută să definească conceptul de cercetare științifică, dezvoltare experimentală (inginerie) și progres tehnic. Practic, în țările dezvoltate fenomenul de inovare este analizat în raport cu conceptul de transfer de tehnologie, pe baza experienței și a cunoștințelor în domeniul științei și tehnologiei. Inovarea trebuie să fie abordat în mod sistematic, iar acest lucru implică: știința, tehnologia, principii financiare și economice, management.*

**Abstract.** *Today, science and, accordingly, scientific research is widely recognized as the main driving force of production and source of innovation and technology transfer. There are many definitions in this regard that seek to express the concept of scientific research, experimental development (engineering) and technical progress. Practically in the developed countries the phenomenon of innovation is being analyzed in relation to the concept of technology transfer, based on the experience and knowledge in science and technology. Innovation has to be addressed systematically, it involving: science, technology, financial and economic principles, management.*

**Keywords:** Scientific research, technological development, innovation, technology transfer

### Introduction

Scientific research has the overall objective of investigation of areas or issues that are not addressed, in pursuit of discoveries and inventions, or by investigating addressed ones for obtaining of new, superior results or improving existing knowledge and activities.

In this way we inevitably come to define the technological development, technological engineering and introduction of technical progress.

Technological development is the activity taking place on the basis of applied scientific research and empirical knowledge to achieve a product, a machine, or equipment.

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