

# INNOVATION MANAGEMENT

## 4. INVENTION

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# 4. Invention

- New, novel and value-adding ideas and concepts that are the product of creative thinking;
- the output is a new and value-adding object or process;
- principle: a change in the structure of knowledge in order to achieve a goal more efficiently (faster and cheaper);
- Motivation for R&D staff:
  - finance (remuneration arising from IPR protection, profits arising from competitive advantage, etc.);
  - scientific name;
  - altruism (love of R&D and desire to push the boundaries of R&D).

# 4. Invention

- prerequisite: knowledge of the current state of the art;
- link to positive externalities (others who have not been involved in the invention can benefit from our inventive ideas - the issue of intellectual property rights protection);
- nature: theoretical (as opposed to innovation);
- two types:
  - transformative;
  - fundamental (breakthrough);
- protection through intellectual property rights.

# 4. Invention

- Inventions are divided according to inventive sources.
- The sources of inventions are distinguished on the basis of the degree of novelty.
- Sources of inventions:
  - a) acceptance;
  - b) imitation;
  - c) adaptation;
  - d) absolute invention.

# 4. Invention

## ad a) Acceptance:

- questionable inventiveness;
- use or understanding of an existing solution;
- inventive character consists only in the understanding of previously known knowledge (inventive character only for the one who has newly understood this known knowledge - no authorial intervention).

## ad b) Imitation:

- existing solution slightly adapted to the needs of the company (little author's intervention).

# 4. Invention

## ad c) Adaptation:

- or modifications;
- existing solution significantly adapted to the needs of the company (major author's intervention);
- use of an existing solution in diametrically different conditions.

## ad d) Absolute invention

- a completely unique and innovative solution with a major added value;
- the highest level of inventiveness.

Thank You for Your  
Attention