

## METHODS AND TECHNIQUES OF EFFICIENT BIS IMPLEMENTATION

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**Topics:**

- **BIS implementation efficiency model:** effectiveness vs. adjustment vs. durability, metrics of ICT implementation efficiency, effectiveness, adjustment and durability
- **Measurement and evaluation procedure:** identification of limits in ICT implementation projects, project decomposing (product-based planning concept and tools), selection of methods for different models and scenarios of effectiveness assessment (*ex ante* and *ex post* CBA, controlling of ICT implementation projects), phases of the effectiveness assessment process (identification, quantification and calculation)

- **Traditional and new methods of effectiveness assessment** (theoretical and practical problems, case studies):
  - static, so-called simple (PB, ARR) and dynamic – discounted (NPV, IRR, MIRR)
  - TCO, Information Economics and other (TEI, ROV, ITSC, AIE)
- **Efficiency-oriented IT implementation project management** (product-oriented methodologies of project management, recognition and analysis of critical success factors, case studies)

**Results:**

- 2 research reports, c.a. 35 conference papers and articles, 1 monographic book (2 editions: 2006 and 2007)
- lectures and courses on MBA or/and PMS (UE Wrocław, SGH Warsaw and Warsaw University)

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