innoSPICE - Knowledge and Technology Transfer Assessment at Vilnius University

Antanas Mitasiunas, David Wewetzer
Three major actors' roles are basic elements in Innovation eco-system management — optimized processes are key to leverage research efforts.

Create fundamental knowledge and technology based on extensive research

Knowledge
Developer

Identify needs

Solve problems

Innovation & Technology Management

Knowledge Recipient (Innovator)

Promote research results

Transfer Facilitator/Driver

Create innovation based on value adding knowledge and technology

Transfer knowledge and technology analyzing business value
Influencing factors on organizational Knowledge Transfer

Reflecting

Partners & Networks

Organizational Vision & Strategy

Processes

Human Capital

Organizational Structure

Organizational Relations

Knowledge Transfer

Measures

Learning

External impact & Innovation

Customers
innospice facilitates the continuous improvement process of innovation and technology transfer by a structured assessment approach in three steps

1. **Participants Identification & Model Tailoring**
   - Identification of participants relevant to assessment workshop
   - Initial briefing of participants on innoSPICE assessment method, assessment scope and goals
   - Quick analysis of organizational activities and responsibilities related to innovation transfer

2. **Guided Self-Assessment**
   - Conduction of guided innoSPICE self-assessment workshop applying the twofold bottom-up & top-down assessment method (approx. 3 days)
   - Discussion of 62 process capabilities addressed by innoSPICE
   - Identification of capability levels for each process discussed

3. **Benchmarking & Improvement Measures**
   - Identification of most significant gaps to best practice by innoSPICE experts
   - Definition of improvement measures and high-level implementation roadmap
   - Benchmarking of capability levels against other peers / best practice

Source: innoSPICE ISO 15504

Tailored innoSPICE Model  InnoSPICE Capability Map  InnoSPICE Improvement Report

Reassessment
Turning research and science into reliable knowledge suppliers for sustainable partnering and cooperation activities

Organizational Status Quo Classification
- Current level of competence and skill in the organization
- Inherent structural conflicts vs defined interfaces
- Enable Self- or External Evaluation according to a standardized framework

Uncovering of Hidden and Unused Capabilities
- Provide an adaptable base to establish a quality management system in KTT for continuous improvement
- Improvement potentials on the operational level
- Raise awareness for the need of specific capabilities to perform successful KTT activities and implement IP strategies.

Process & Quality Improvement Suggestions
- Structural improvement suggestions and an implementation roadmap
- Enable Certification of Knowledge Transfer Capabilities to document organizational alignment to professional IP management and exploitation of results