



University of Natural Resources
and Applied Life Sciences, Vienna

Barriers for innovation in NWFP sector in Macedonia

PhD student Stojanovski Vladimir

University of Natural Resources and Applied Life Sciences, BOKU Vienna



Introduction

Macedonia – in transition period;
Privatization of the NWFP sector;
Aim to join EU – harmonization of legislation;
Long tradition of utilization of NWFP
Main financial source – own resources
Possibility for rural population



Research Questions

- To what extent the innovations in NWFP sector are integrated?
- What are the hampering factors for innovation in NWFP sector in Macedonia?
- What are the roles of institutions and actors?

Methods

Goals: Integration of innovation in NWFP sector and identification of the Barriers for innovation
Case study - innovation project part of MP
Qualitative data
36 interviews (semi-structured) with owners of companies
Content analysis of the main policy documents

Results

- History development of the companies;
- Innovative activities;
- Utilization of credit lines;
- Challenges;
- Subvention;
- Relevant policies;
- Implementation of innovation



Discussion / Conclusion

- Inadequate legal framework (rulebook, licenses and permissions) and overlapping between two Ministries)
- Unfair competition,
- Strong dependence of weather condition;
- Mature equipment and mechanization (60% of the companies);
- Innovation and start-ups not properly integrated in the policies



- The final results identified three barriers:
- Institutions;
- Information;
- Informality (irregularity) ,

Recommendations

- Possibility for innovation exists – more focus on institutions (rules of the game);
- Improvement of the informational instruments ;
- Provision of financial instruments;
- Integration of start-ups and innovation in policies,

References

- Rametsteiner, E., Weiss, G., Ollonqvist, P., Slee, B. (2011) COST Action E51
- Rametsteiner, E., Kubeczko, K., and Weiss, G., (2005) Innovation and entrepreneurship in forestry in Central Europe; European Forest Institute; Research Report 19, Joensuu
- Weiss, G., and Rametstainer , E. (2005) The role of innovation systems in non-timber forest products and services development in Central Europe; Economic Studies XIV (1), pp. 23-36