

PRODUCTION OF HIGH QUALITY RAW TIMBER ASSORTMENTS FOR THE FURNITURE PRODUCTION IN THE FORESTS OF SLOVAKIA



Rudolf Petráš

Julian Mecko

National Forestry Centre Zvolen

Hubert Paluš

Technical University in Zvolen

INTRODUCTION

- Forest cover 2.0 mil. ha
- Tree species composition 50%/50%
- Growing stock 452 mil. CUM
- Moving of growing stock from 7th to 9th age class
- Good growing conditions for production of high quality assortments



METHODOLOGY

- Growth tables of forest species
- National timber classification standards
- Estimation of allowable cut volume structure
- Proportion of salvage felling deducted
(up to 80% coniferous (Ø 60%), 34% broadleaved (Ø 25%))
- Comparison with sold volume structure
- Identifying reasons for differences



POTENTIAL AND REAL RODUCTION OF ROUNDWOOD ASSORTMENTS

- 6.7 – 6.8 mil. CUM allowable cut
- 6.4 mil. CUM for industrial use
- High proportion of salvage felling (up to 80% coniferous, 34% broadleaved)

Structure of allowable cut volume vs. (assortment production structure)

Assortments	Coniferous	Non-coniferous
Logs I,II	3% (1-2%)	11% (1-2%)
Sawlogs	67%	42%
Pulpwood	30%	47%



- Sales structure of high quality assortments is significantly lower



RESULTS (REASONS???)

- High quality wood = veneer and special wood products
- Veneer production declined to zero
- Material inputs for furniture production are imported
- Effective utilisation vs. processing capacities linked to market
- Low market demand
- Selling standing timber
- Timber auctions
- Conseq.> use of quality wood for other purposes (as it is naturally produced)



THANK YOU FOR YOUR ATTENTION!

