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



Hubert Paluš Technical University in Zvolen

INTRODUCTION

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

METHODOLODY

- Growth tables of forest species
- National timber classification standards

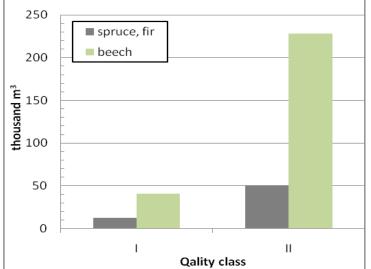
- Estimation of allowable cut volume structure
- Proportion of salvage felling deducted (up to 80% coniferous (Ø 60%), 34% broadleaved (Ø 25%))
- Comparison with sold volume structure
- Identifying reasons for differences

POTENTIAL AND REAL RODUCTION OF ROUNDWOOD ASSORTMENTS

- \circ 6.7 6.8 mil. CUM allowable cut
- o 6.4 mil. CUM for industrial use

• High proportion of salvage felling (up to 80% coniferous, 34% broadleaved)

| (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!