Performance and costs for HARWARDER AND HARVESTER-FORWARDER SYSTEMS in final felling

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Picture: John Sandström/Bitzer
15 MINUTES OF TIME, AND COSTS

- Historical pattern and the prototype harwarder
- Material and method
- Results and discussion
- Conclusions
- Questions
- Next!
HISTORICAL PATTERN

1960 1970 1980

Feller → Feller
Delimber → Processor
Skidder → Forwarder
Bucker

Feller → Harvester
Forwarder

Roadside operations
Terrain operations

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Time consumption, Gₜ-minutes/m³-sub

mean stem volume, m³-sub/stem

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CONCLUSIONS

- Reduced time with quick hitch
- Too similar cost levels with TMS
- Potential to develop