



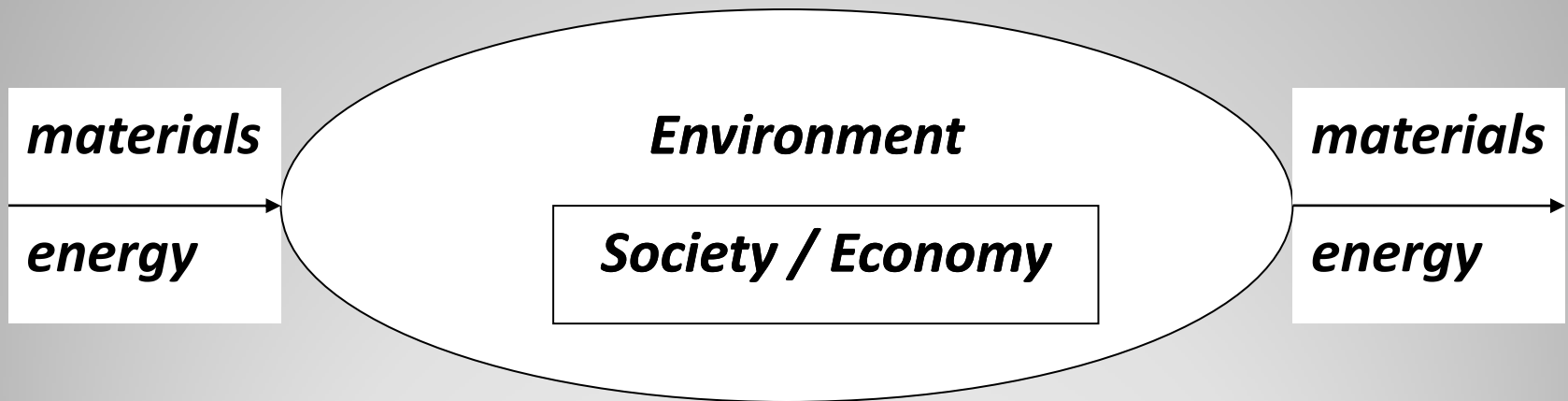
MAIN USES OF WOOD IN THE SLOVAK REPUBLIC

Jan Parobek, PhD.
Assis. prof. Hubert Palus, PhD.
Technical University in Zvolen, Slovakia

Contents

- forest resources in the SR
- MFA – general introduction
- methodology of MFA, application for forest industry
- results
- conclusion

Methodology of MFA



Methodology of MFA for forest industry - wood balance

Resources	Use
Import Felling Used paper Recycled wood Stock (decreases)	Export Stock (increase) Consumption
Total resources	Total use

Methodology of MFA for forest industry

Quality class according to STN 480055 and STN 480056	Use
I – sliced veneers, musical instruments, special sports and technical needs;	Logs
II – rotary-cut veneers, matches, sports needs and stave bolts;	
III – poles, construction timber, but mainly saw logs of higher quality III A and lower quality III B;	
IV – mining wood, thin poles	Pulp wood and other industrial wood
V – pulp-wood, chemical and mechanical processing for pulp and agglomerated boards production;	
VI – fuel wood.	Fuelwood

for the main wood use classes the following item categories were analysed:

- felling (F),
- domestic deliveries (DD),
- timber producer exports (TPE),
- timber merchant exports (TME),
- total exports (TE), total imports (TI),
- own consumption of timber producers (OC),
- consumption (CO),
- stock (S).

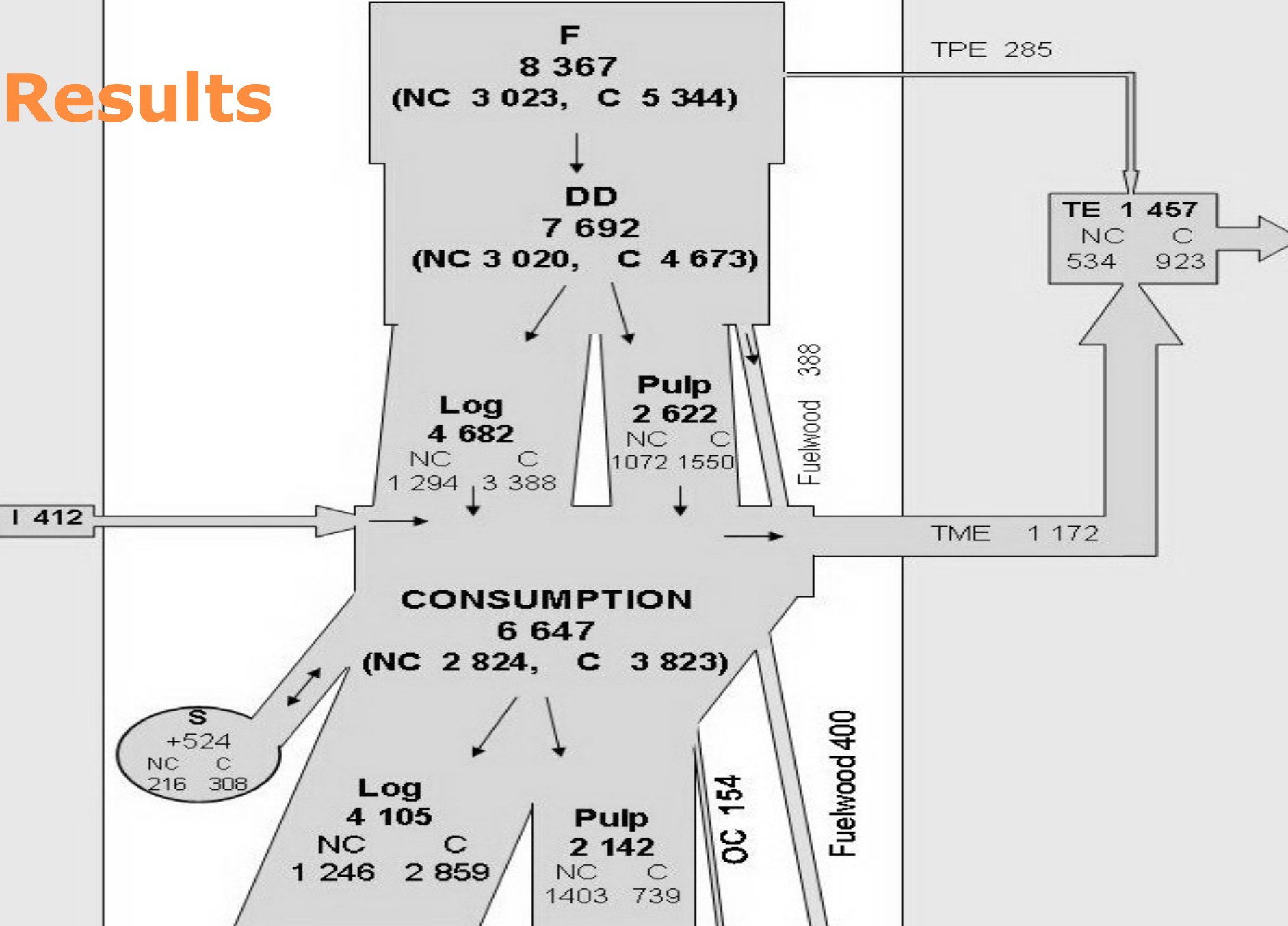
Results

- done according to data of 2007,

The following relations apply:

- $F = DD + TPE + S$
- $TE = TPE + TME$
- $CO = F + TI - TE +/- S$

Results



Conclusion

- paradox in the Slovak wood supply concerning wood species and demand of WPI,
- timber export,
- domestic consumption.

- Why MFA for forestry industry?



**Thank you for your
attention!**

**Jan Parobek, PhD.
Assis. prof. Hubert Palus, PhD.
Technical University in Zvolen, Slovakia**