



Oregon Wood Innovation Center

Connecting People, Ideas, and Resources

Woody Biomass Utilization in Oregon

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Woody Biomass and Small Log Workshop:
From Feedstock to Product
September 19-20, Weed, CA

Biomass 'Categories'

- Merchantable logs
- Non-merch/ sub-merch logs
- Mill residues
- Logging slash
- Urban waste wood

Merchantable Logs



Merchantable Logs



Non-Merchantable Logs



Mill Residues


- Bark → **Mulch, fuel**
- Chips → **Paper, MDF, hardboard**
- Shavings → **Particleboard, animal bedding**
- Sawdust → **Particleboard, fuel pellets**
- Hog fuel → **Boiler fuel**

Logging Slash

- Tops
- Limbs
- Small logs
- Cull logs

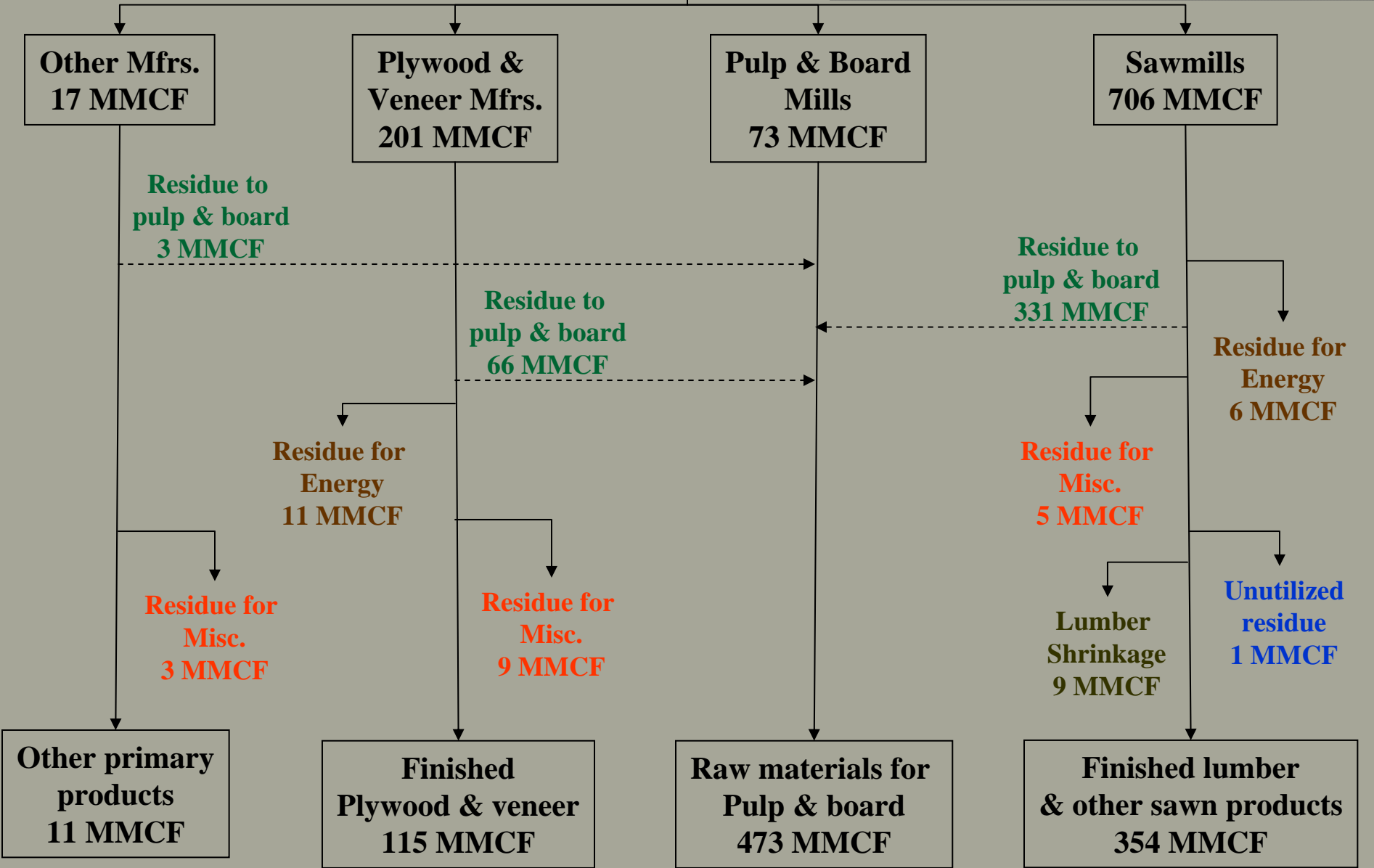


Urban Waste Wood

- Pallets
 - Yard debris
 - Demolition waste
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- A large black question mark is positioned to the right of the list. Three black arrows point from the text 'Pallets', 'Yard debris', and 'Demolition waste' towards the question mark, indicating a question about the future or status of these waste types.

Total Harvest 997 MMCF

*Oregon's Forest Products Industry and
Timber Harvest, 2003.*
Brandt, J.P., et al. 2006. US Forest Service,
PNW Research Station GTR 681.



Summary

- Little to nothing goes to waste
- Definition of 'non-merch' or small diameter changing all the time
- Mills scrambling for material
- Interdependencies of firms
- Opportunities for logging slash