

BioTrade2020+

Export vs. local biomass use – a dilemma?

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Brussels, 24 October 2014

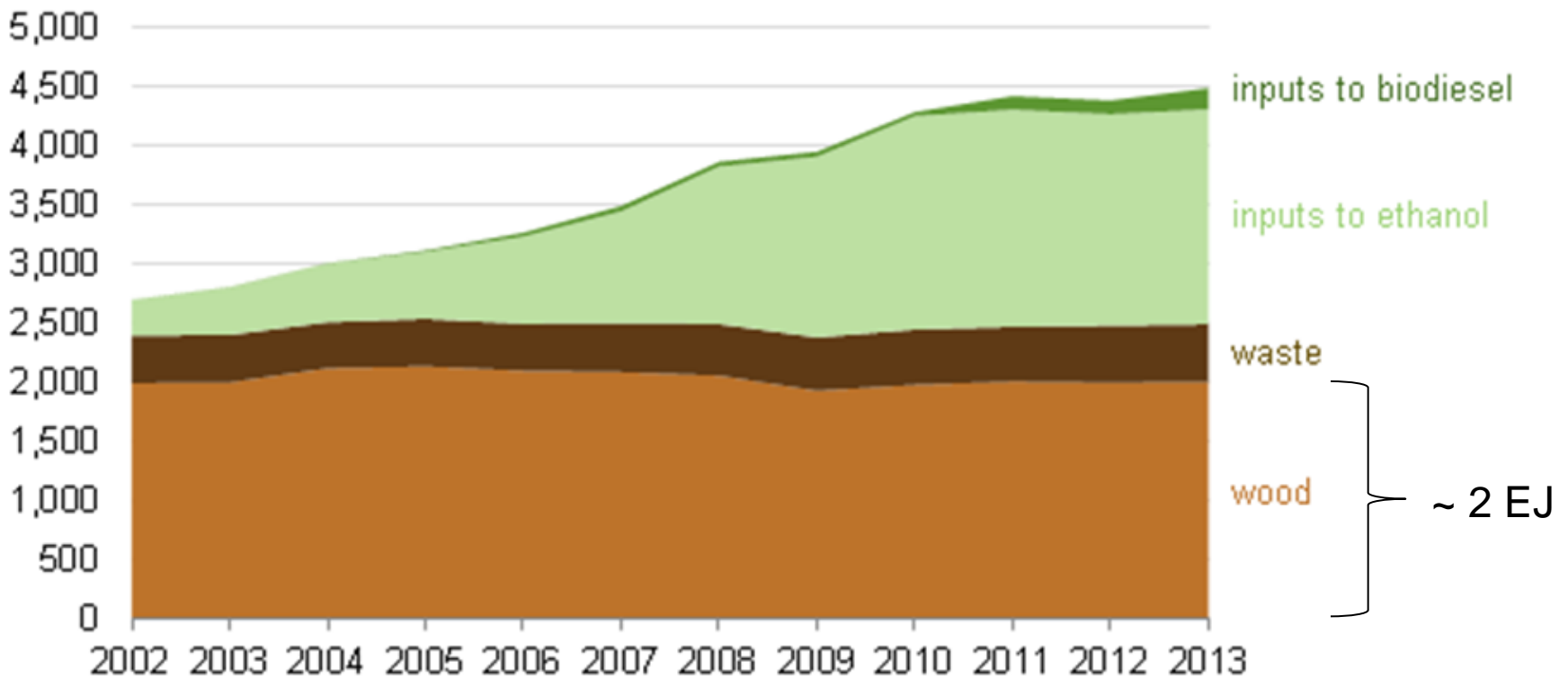
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Woody biomass use for energy stagnant

Biomass energy consumed, by type (2002-13)

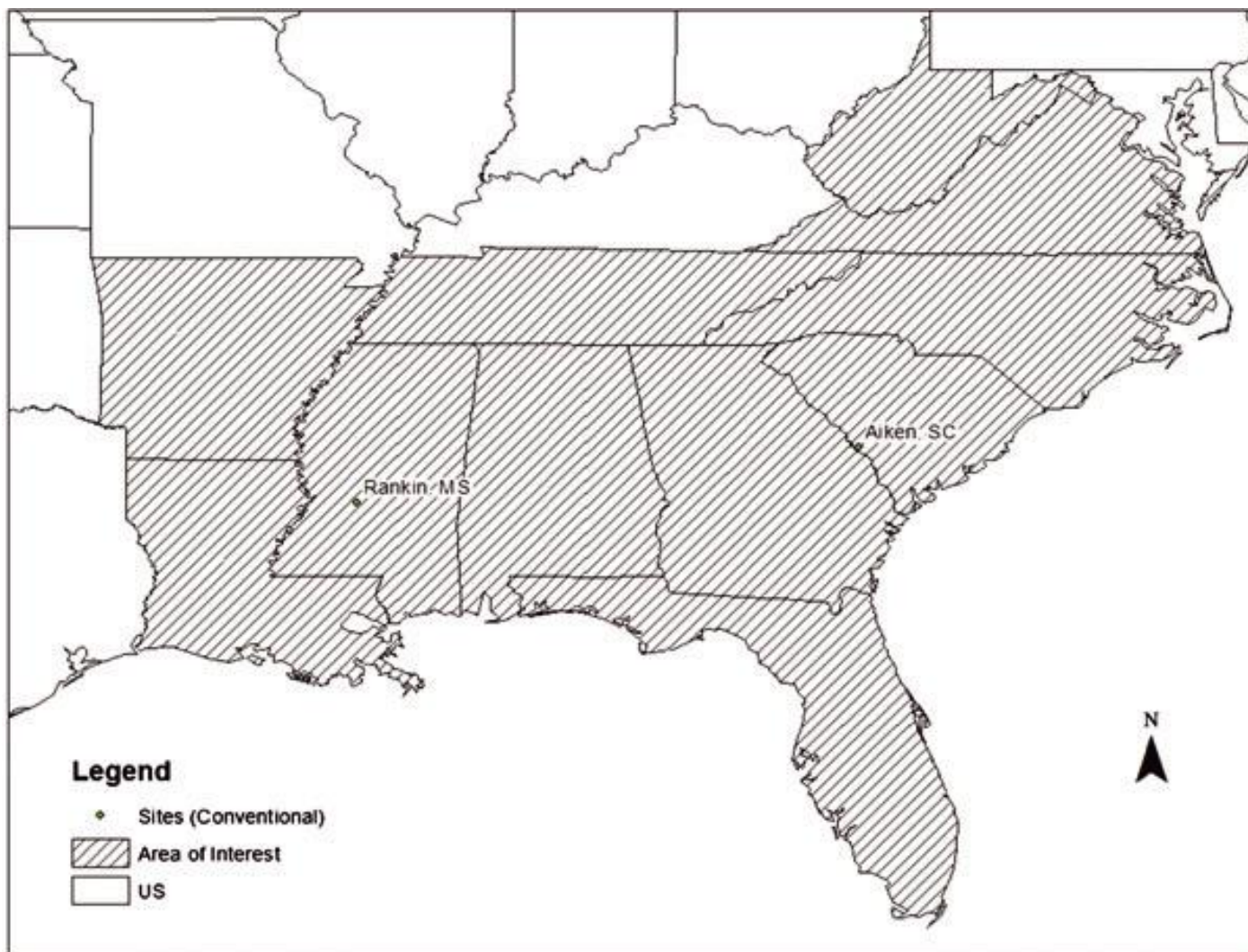
trillion Btu

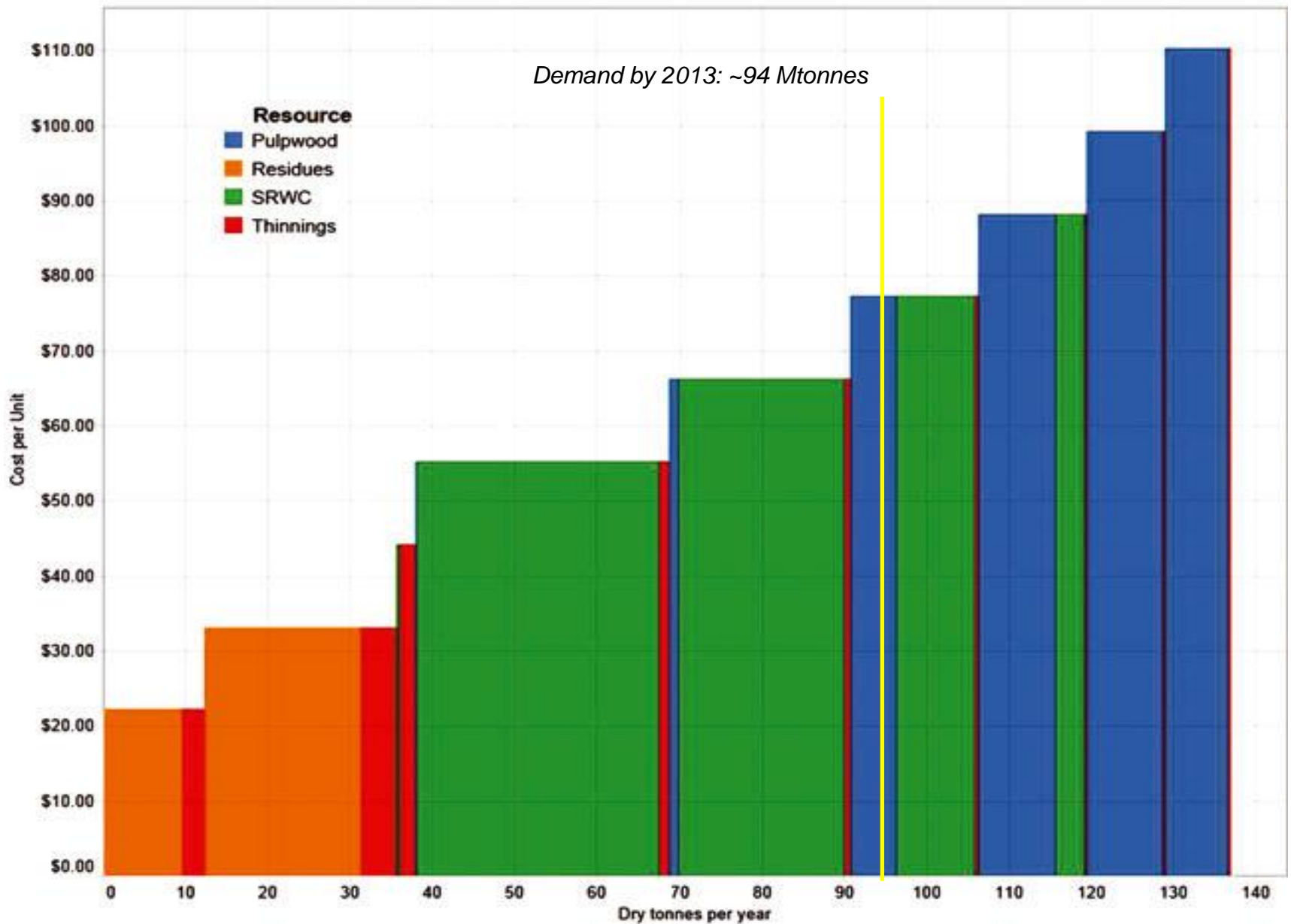


Woody biomass use – outlook

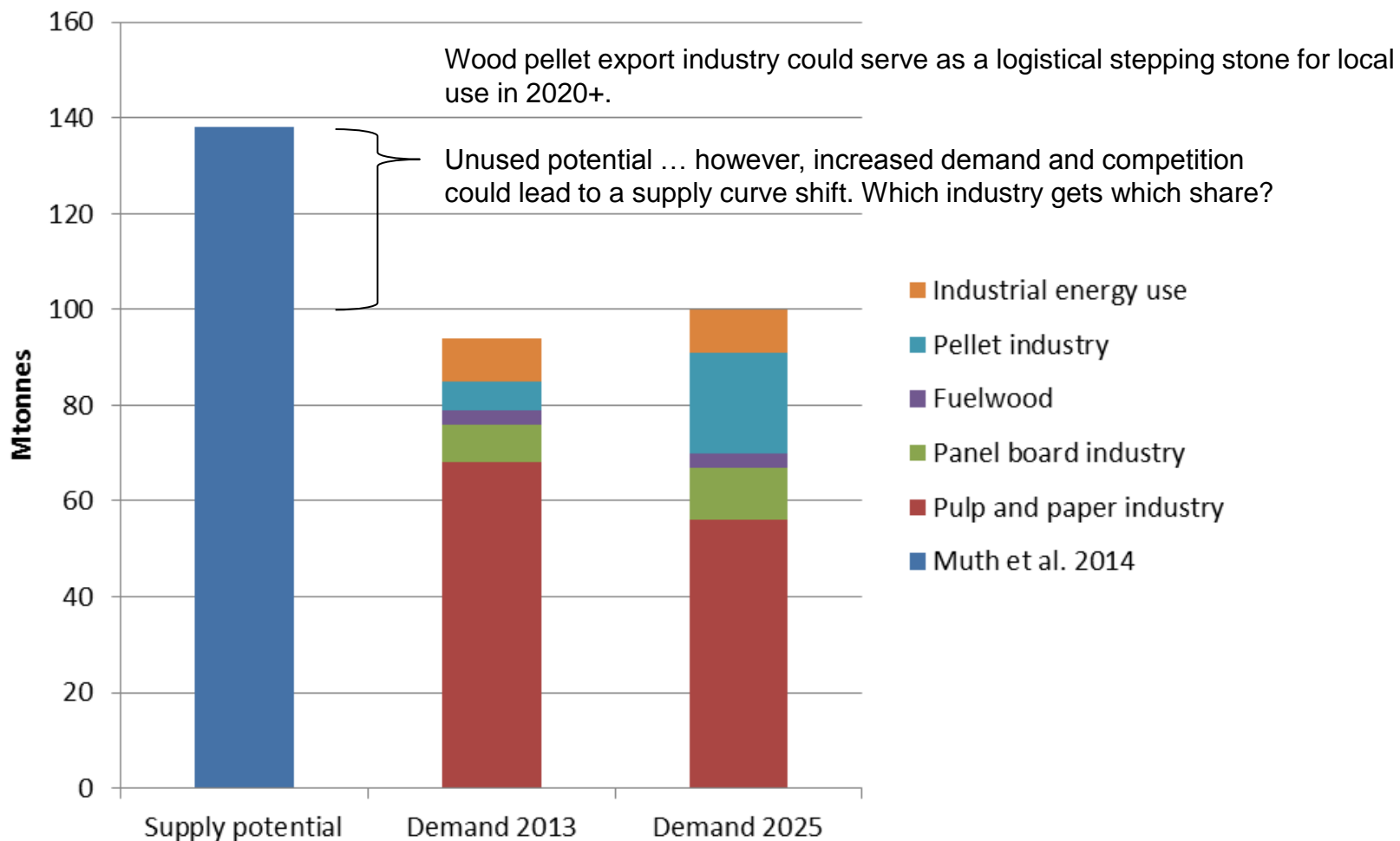
- Energy Independence and Security Act (EISA 2007):
36 Billion Gallons of Renewable Fuel by 2022, of which at least
 - 21 Bgal advanced biofuels
 - 16 Bgal cellulosic biofuels
 - 1 Bgal biomass based diesel
- BETO supports several technology pathways for cellulosic biofuels
 - By 2017, validate a \$3/GGE hydrocarbon biofuel (with $\geq 50\%$ reduction in GHG emissions relative to petroleum-derived fuel) for a mature modeled price for at least one hydrocarbon technology pathway at pilot scale.
 - By 2022, validate hydrocarbon biofuels production at >1 ton/day from at least two additional technology pathways at pilot or demonstration scale.
- Wood pellet feedstock portfolio (pulpwood, logging & processing residues) could be interesting to thermochemical conversion platform

Areas of interest





Woody biomass supply and use outlook



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