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Energy Security – find out more...

A closer look at how much biomass is available

Figures 1 & 2 show projections of the European biomass market's potential based on food sector scenarios for 2030:

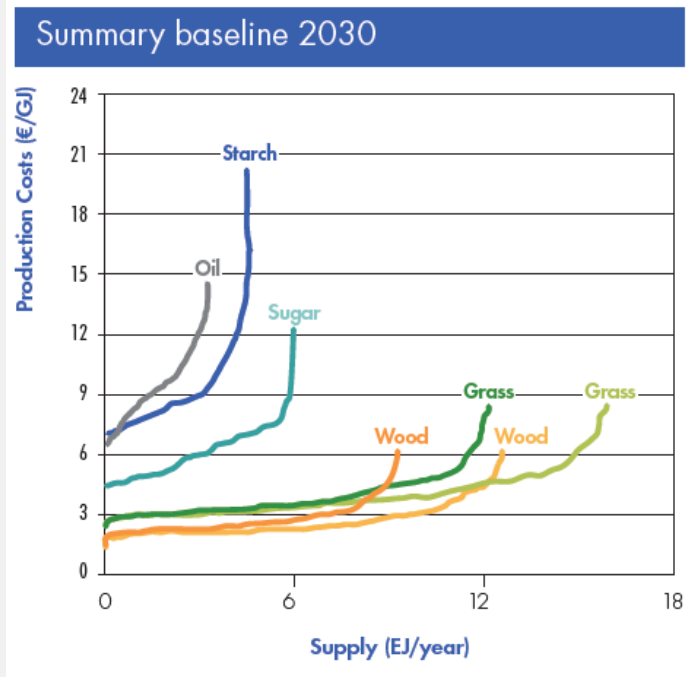
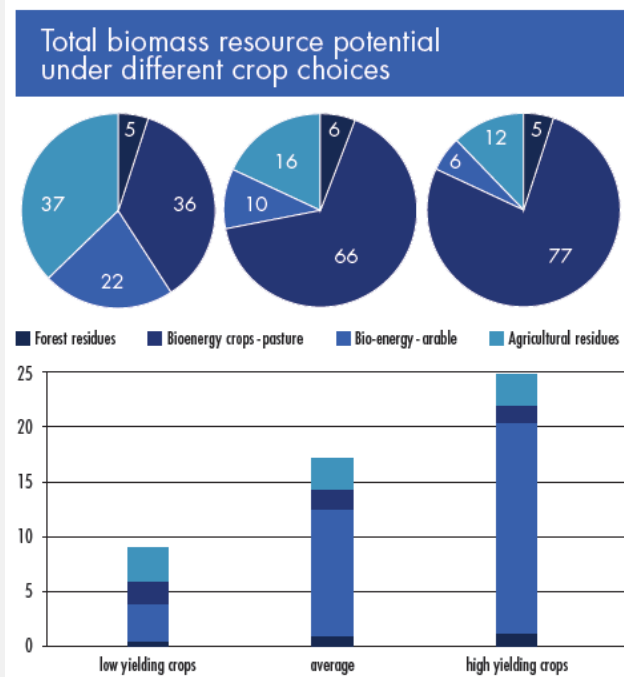


Figure 1. Includes EU28 and Ukraine. This takes into consideration nature protection requirements and infrastructure development. Source: Fischer et al. (2010). [Visit resource centre](#)

Figure 2. The cost supply curves include biomass plantations and forest/agriculture residues. Source: Fischer et al. (2010). [Visit resource centre](#)

Figure 3 – The ‘surplus’ land potentially available for the production of biomass by 2030 (right, green shades indicate the amount of surplus land as a percentage of the total land) and the production costs for woody crops in 2005 (left, blue shades indicate the production costs of woody crops) together indicate favourable locations for the production of biomass:

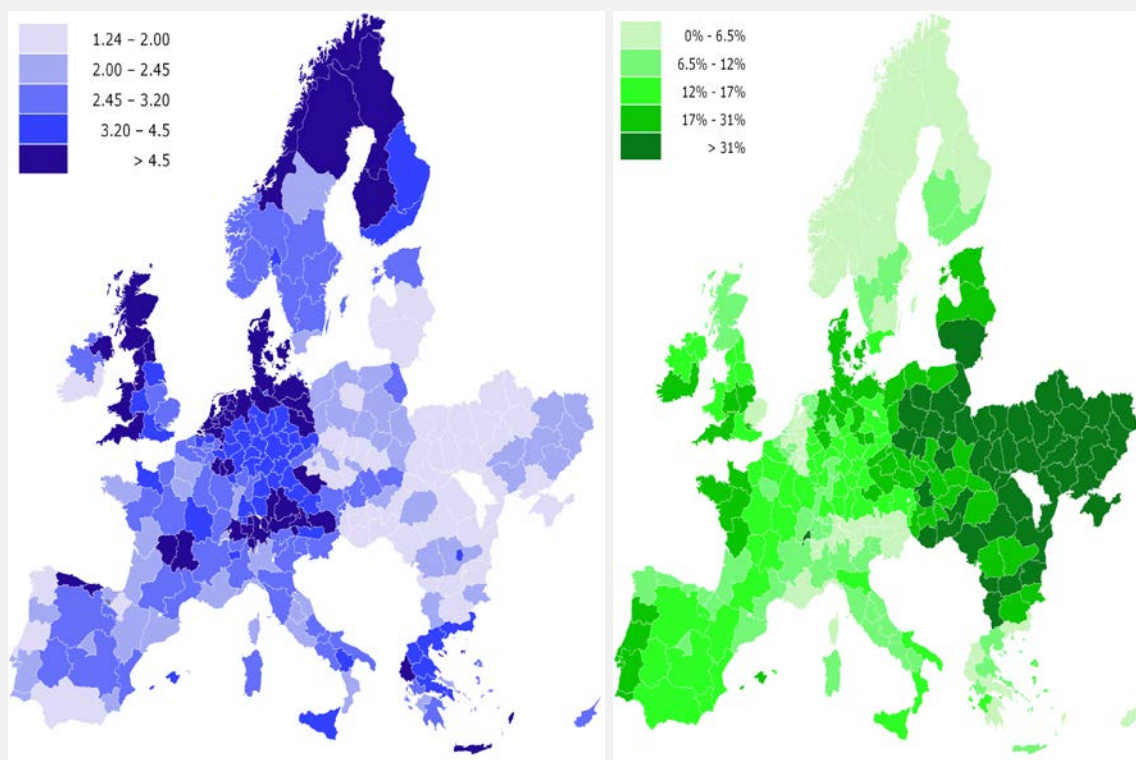


Figure 3. Source: Fischer et al. (2010). [Visit resource centre](#)