

Challenges to sustainable biomass supply

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A substantive part of the bioeconomy builds on biomass as a resource base. In the envisioned "ideal" bioeconomy, biomass production will take ecological, social and health aspects into consideration and be internationally competitive. However, an analysis of the development of bioenergy has revealed that competing claims on biomass and agricultural land for its production are perceived as major obstacles to increasing sustainable biomass supply in the context of food security and environmental conservation. This contribution will summarize the status of defining sustainable biomass production and supply and discuss approaches for securing sustainable biomass in a growing bioeconomy.