

Proposed text "Drivers for Sustainable Use of Bioenergy on a Global Scale"?

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This contribution will go into the most recent insights in potential biomass availability on longer term, next to meeting global food demand, protecting biodiversity and forests and sustainable management of water reserves and soils. Those insights can be translated to what it means to comply with sustainability criteria for biomass production and use for energy, as they are currently proposed by various governments, stakeholder networks and NGO's. Furthermore, the linkages between (more) sustainable governance of land-use, rural income and development and modernization of agriculture will be highlighted. This is an essential and new element in securing sustainable production of bio-energy and links to management of land-use for agriculture and livestock at large. It will be debated what strategies and bioenergy production systems may be pursued to achieve not only renewable energy production but contribute to (more) sustainable development at large. Some concrete examples on Europe, Latin America and Sub-Saharan Africa will be included to illustrate this. A key route is provided by production of perennial crops, generally on lower quality land and their utilization for 2nd generation biofuels production.