

“Sustainability and bioenergy: the co-benefits and deployment in bioeconomy”

IEA panel Session 2: Biomass supply opportunities in developing economies
and sustainability of supply
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Key messages additional panellist

- Co-benefits of bioenergy and cascading for bioeconomy
- Circular economy for better use of residues and waste
- Context by country or region. There are differences even within countries
- Consider the scale if for household, power generation, CHP, agro-industry
- Use existing feedstocks which have proved to be efficient in production and utilization. New feedstocks with real potential according to region (e.g. bamboo)
- Make current systems more efficient in regions where they are not (e.g. sugar cane)

Cont.

- There is need to improve the financial system and reduce the funds from aid particularly in the Global South
- Sustainability with four pillars: environment, social, economic and governance
- New methods and frameworks are necessary such as landscape governance to better integrate different uses of biomass resources in agreement with stakeholders and communities
- Review past examples particularly between 2008-2012 and assess the benefits, challenges and mistakes to improve
- Many research and feasibility projects need to move into demonstration projects with efficient supply chains
- Integrated approaches including landscape governance and nexus for better use of resources