



aufgrund eines Beschlusses des Deutschen Bundestages

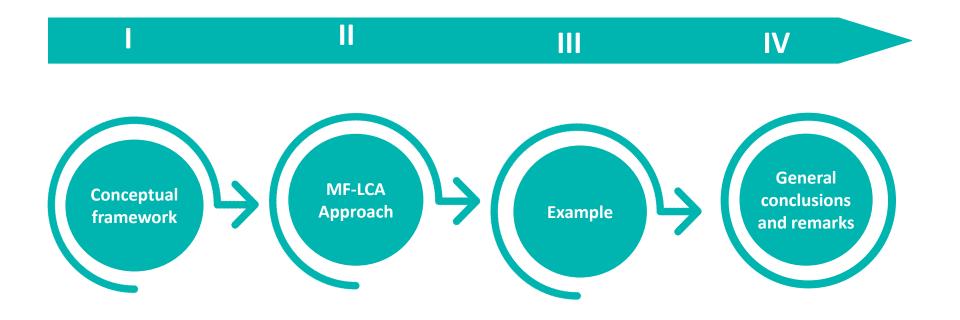
Towards monitoring and evaluation of a sustainable and circular forestbased bioeconomy: A MFA-LCA approach

Paola Pozo & Jörg Schweinle



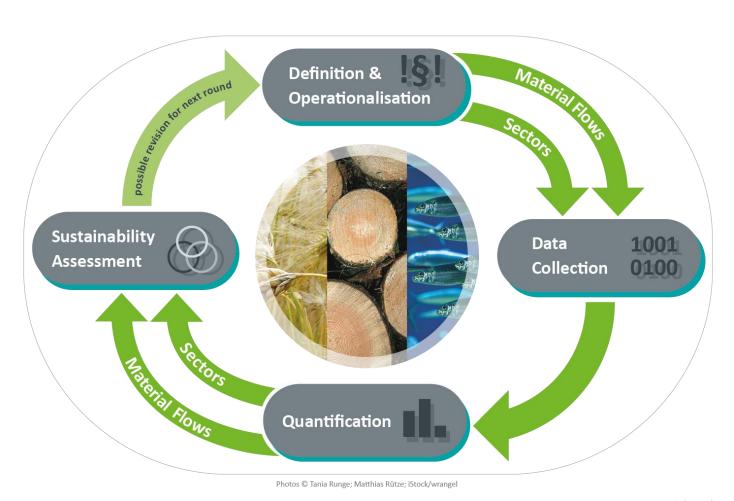
Outline





Quantifying bioeconomy

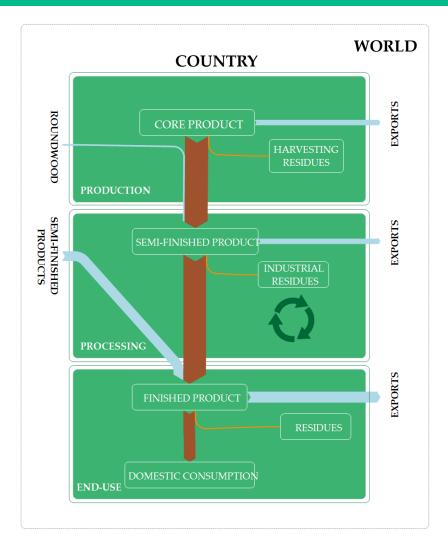


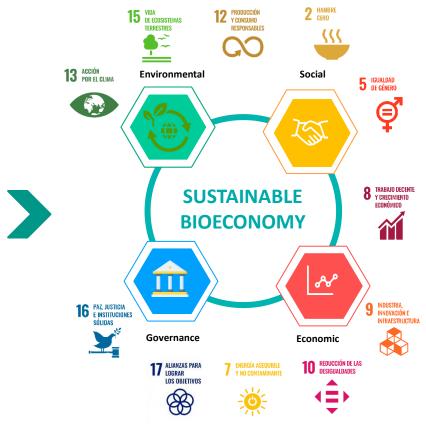


Source: lost et al. (2020)

MFA-LCA approach





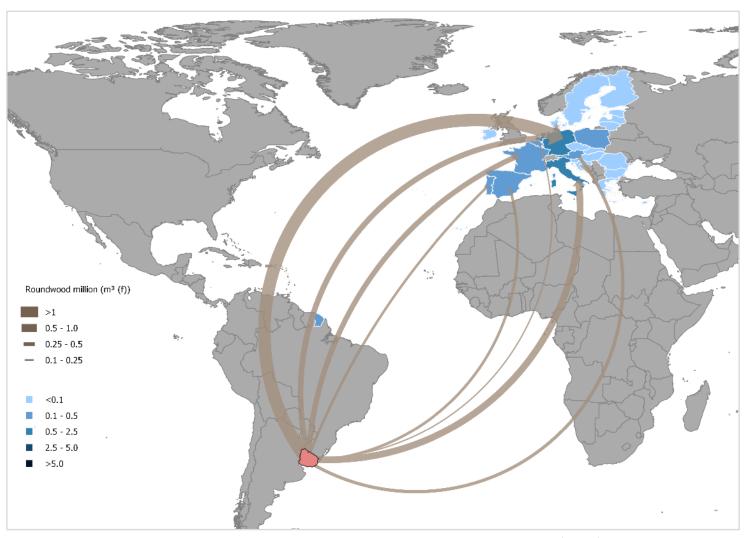


Source: Own elaboration based on United Nations and FAO (2021)

icons flaticon.com

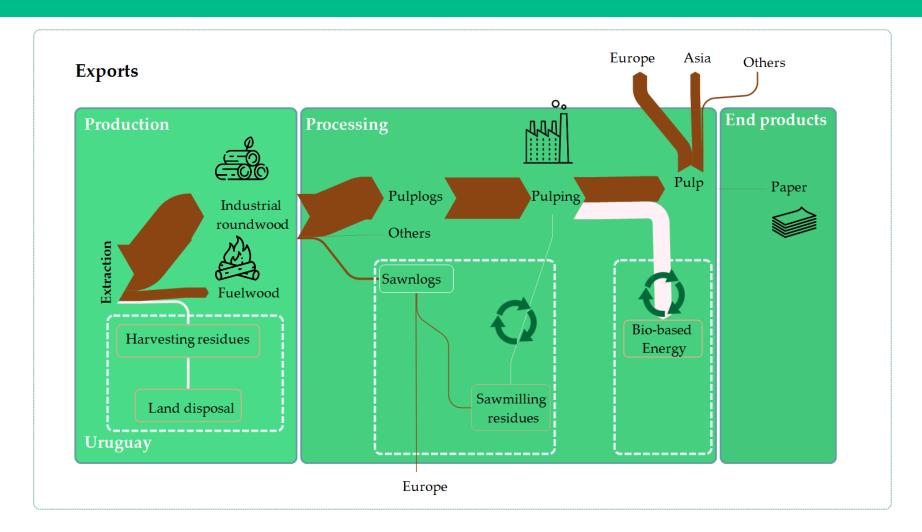
III) The Uruguayan forestry case





Eucalyptus pulp value chain



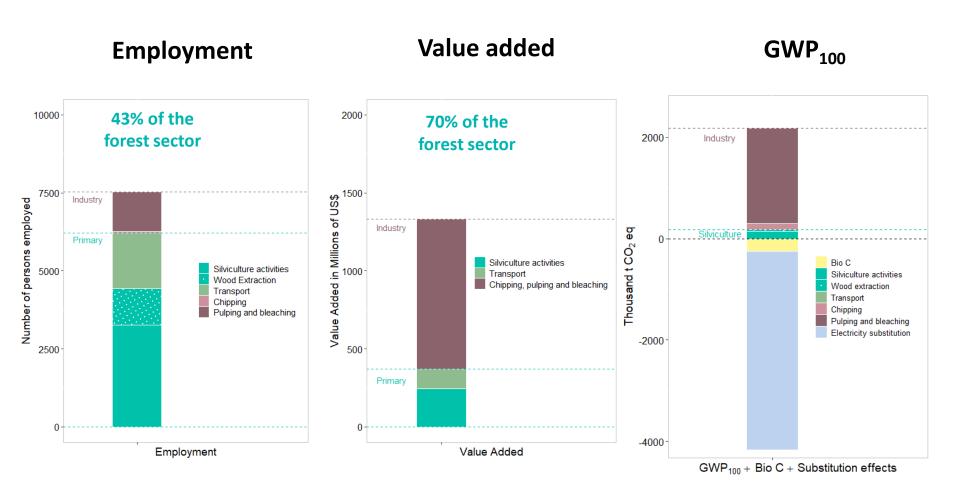


Source: Own elaboration based on DGF 2021, Latu 2021, MIEM 2021, Pozo et al. 2022, Bösch et al. (in rev.), icons flaticon.com

Year: 2018 Unit: (m3 (f))



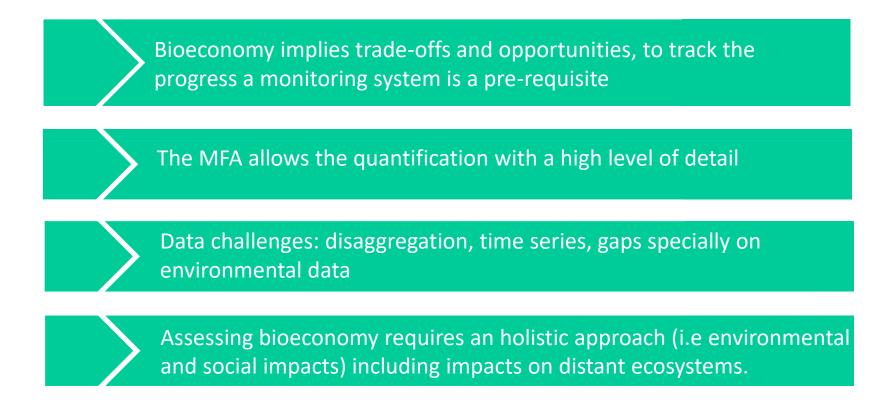




Source: Own calculations based on DGF, BPS, Exante, MIEM, Schulte et al. 2021, Pozo et al. 2022



V) Conclusions and remarks







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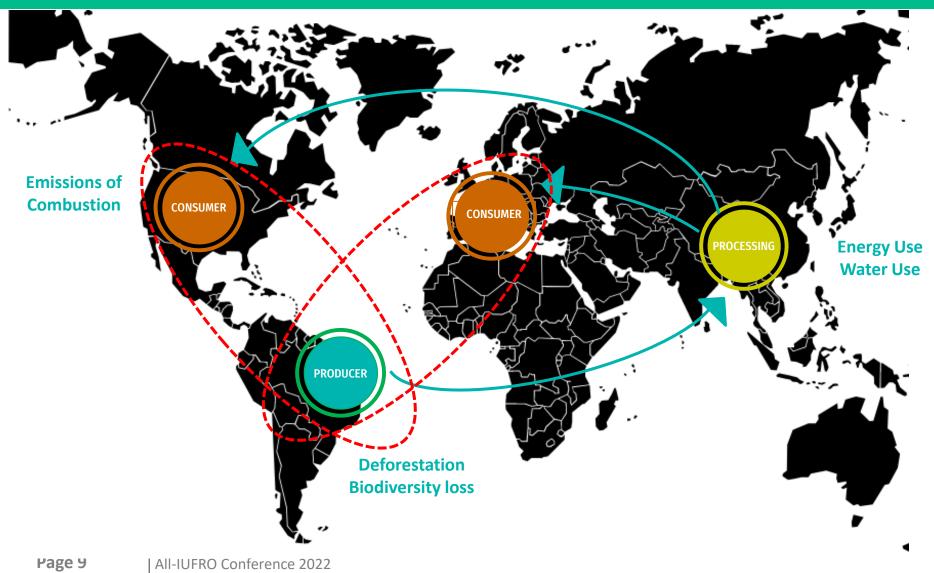
Thank you!

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https://www.thuenen.de/de/institutsuebergreifende-projekte/biooekonomie-monitoring/biooekonomie-monitoring-ii

Where the biomass comes from? What are the sustainability impacts associated?





EU paper consumption



