



IEA Bioenergy
Technology Collaboration Programme



Regional development opportunities based on flexible biomass value networks

TASK 43: Biomass Supply in Sustainable and Circular Economies

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T43 objectives in 2022-2024 triennium

Objective is to address barriers to sustainably-sourced biomass supply chains by:

- analyzing and quantifying current opportunities;
- improving supply chain efficiencies; and
- biohubs for high value, integrated biomass supply in sustainable and circular economies.

Scope: documenting strategies for adapting biomass supply to support thriving bioeconomies and contribute to multiple SDGs through improved land, forest and materials management providing renewable resources to sustainable and circular economies with 3 WPs:

- WP1: Biomass production systems for sustainable bioenergy within sustainable & circular bioeconomies.
- WP2: Biomass supply material handling strategies & advanced recovery systems for waste and residue biomass.
- WP3: Biohubs for high value, integrated biomass supply in sustainable & circular economies.

T43 nexus in Regional development opportunities based on flexible biomass value networks

WP1, D1.1:

Strategies for transition to circular business models that quantify, produce, and expand supplies of sustainably-sourced biomass for bioenergy, while considering cascading biomass use principles.

WP3, D3.1:

Improved biomass supply quantity, quality and reliability through effective sustainable and circular economy based biohubs.

WP3, D3.2:

Characterization of biomass (inputs) and commodities (outputs) through innovative biohubs

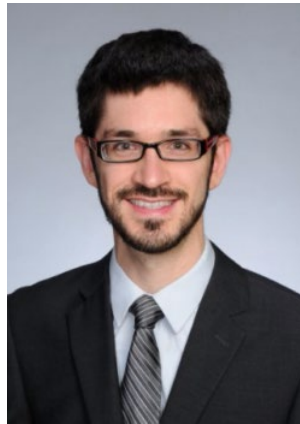


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