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A decision support platform for a bio-based supply chain: Application to the region of Lower Saxony and Bremen (Germany).

Christos Galanopoulos , Diego Barletta , Edwin Zondervan

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Highlights

- A preliminary wheat straw supply chain model is developed in AIMMS.
- The dominating costs for our supply chain network proved to be the biomass production costs.
- The total demand of the bioproducts cannot not be fully covered by the available supply of wheat straw.
- The topology of the wheat straw supply chain network changes as the transportation costs and the percentage of wheat straw used increase.

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