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Farmers' Willingness to Participate in Collective Biogas Investment: A Discrete Choice Experiment Study

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Highlights

- We investigate farmers willingness to participate in collective biogas investment
- Danish farmers are willing to participate in a partnership based biogas investment
- Farmers accept 34-41% reduction in subsidy to get flexibility to cancel partnership
- Average manure supply to a partnership based biogas plant is about 96,000 tons/year
- Optimal number of farmers in a partnership based biogas plant is 14

Abstract

Biogas production may make an important contribution to multiple policy objectives, i.e. the transition to renewable energy, increased recycling of agricultural waste and reduction in

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