

System for servicing installations producing bio-fuels and bio-energy

Waste Flow
Organic Waste

Impact on PESTEL categories
Political, Economic, Social, Environmental, technical, Legal

Location of the good practice
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Stakeholders involved
Enterprise(PSZOK, RIPOK), Institutions (Łódzkie Voivodship), Researchers, Environmental organizations, Residents

Keywords
Biodegradable, Sustainable, Waste reduction

Description
Appropriate delimitation of areas, so-called “wastesheds” of installations receiving green waste coming from residents to installations processing them for biofuels or bio-ethanol would improve the system of circular processing of this resource. Therefore, in order to stimulate the potential of green municipal waste, it is necessary to invest in installations receiving bio-waste, which will transfer them to existing installations dealing with the production of bio-energy and bio-fuels.

Objective
This method consists in determining borders of areas with equal distances from reference points, in this case installations producing biofuels. Increasing the supply of raw materials may result in depleting the processing capacity of installations producing bio-fuels and bio-energy. Therefore it might be necessary to implement described technology in newly constructed installations.

For further information
https://teams.connect.tudelft.nl/projects/vc/repair/Deliverables/D5.6%20Report_EIS_Lodz.pdf
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