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The Waste to Energy Programme

Part of the National Bioenergy Programme
 Phase 1: FY 2021-22 to FY 2025-26

Objective

The objective of the Waste to Energy (WtE) programme is to support the setting up of Waste to Energy projects for generation of Biogas/ BioCNG/ Power or Syngas from urban, industrial and agricultural wastes/residues.

Applicable Feedstock

- Bio-waste such as fruit & vegetable waste, cattle dung, agricultural and forestry waste/residue (e.g., straws and stalks)
- By-products of processing operations of agricultural produce (e.g., husks, shells, de-oiled cakes, etc.)

Benefits

- Enhanced project viability:** through reduced capex because of Central Financial Assistance (CFA) available under the programme.

- Market development:** establishment of sustainable project value chain as subsidies stimulate growth of the sector by making projects economically attractive, resulting in more investment flowing into the sector, better R&D and consequently, market expansion.
- Environment friendly:** reduction in the use of fossil fuels for energy generation and accordingly, reduction in GHG emissions.
- Capacity building of project developers:** assistance being given through awareness creation, training courses, workshops and seminars.

Process of availing CFA under the programme

- Submission of application through BIOURJA portal before commissioning of the plant.
- CFA disbursement after commissioning of the plant and subject to meeting performance criteria defined in the programme.
- The time period for commissioning WtE plants is 24 months and for biomass gasifiers, it is 12 months from the date of "in-principle" approval.



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